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January 3, 2007

BY HAND DELIVERY

Blanca Bayó
Director, Office of the Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Docket No. 060635-EU

Dear Ms. Bayó:

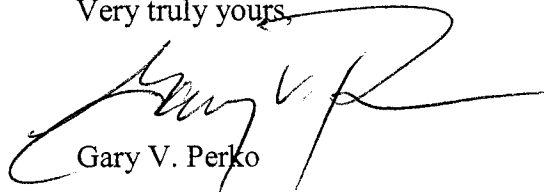
Enclosed for filing on behalf of Florida Municipal Power Agency, JEA, Reedy Creek Improvement District, and City of Tallahassee, Inc., (collectively, the Applicants) are the original and fifteen copies of Composite Exhibit No. ___ (TEC-1E), which consists of an errata sheet and revised tables for the Need For Power Application previously filed as Exhibit No. ___ (TEC-1).

Copies of the documents have been provided to the persons on the attached certificate of service.

Please stamp and return the enclosed extra copy of this filing. If you have any questions regarding this filing, please give me a call at 425-2359.

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Very truly yours,



Gary V. Perko

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FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

00054 JAN-3 07

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of Florida Municipal Power Agency, JEA, Reedy Creek Improvement District and City of Tallahassee, Inc.'s (Applicants) Composite Exhibit No. __ (TEC-1E) in Docket No. 060635-EU have been furnished by hand-delivery (*) or U.S. Mail on this 3rd day of January, 2007:

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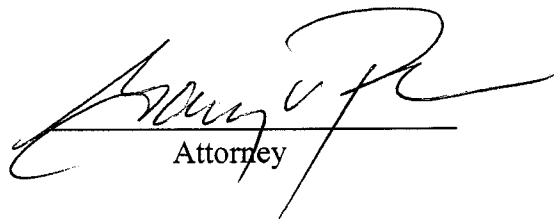
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**Taylor Energy Center
Need for Power Application
Errata Sheet**

Section A.2.2

Table A.2-1 – Revised as follows:

Revised Table A.2-1 Updated CPWC Differential Summary for Each Participant – Base Case Economic Analysis				
Participant	CPWC Differential (\$000s)			
	TEC	Least-Cost Alternate Self- Build	Southern Coal Proposal	Southern Combined Cycle Proposal
FMPA	--	\$417,100	\$472,200	\$588,400
JEA	--	\$38,100	\$401,200	\$280,300
RCID	--	\$255,600	\$92,500	\$193,900
City of Tallahassee	--	\$188,600	\$266,700	\$474,900
Total		\$899,300	\$1,232,600	\$1,537,500

Page A.2-5, Last Paragraph, Line 3
Change \$25.9 to \$19.9
Change \$41.7 to \$39.0
Change \$25.5 to \$24.4

Page A.2-5, Last Paragraph, Line 4
Change \$4.4 to \$2.1
Change \$97.5 to \$85.5

Section A.3.3.7

Page A.3-9, Last Paragraph, Lines 4 and 5
Change “This study is currently underway and is expected to be completed by September 2006.” to “This study was completed on August 22, 2006”

Section A.3.5

Page A.3-27, Second Paragraph of Section A.3.5, Line 1
Change \$1.421 to \$1.704

Page A.3-27, Second Paragraph of Section A.3.5, Line 4
After “SCR,” add “activated carbon injection,”

Page A.3-27, Third Paragraph of Section A.3.5, Line 1
Change \$117 to \$139

Page A.3-28, First Paragraph, Line 2
Change \$135 to \$159

Table A.3-5 – Revised as follows:

Revised Table A.3-5 Updated Capital Cost Estimate Summary	
Description	
Base Estimate	\$1,704,378,000
Owner's Costs	\$138,762,000
Land	\$19,440,000
Community Contribution Lump Sum	\$17,000,000
Owner's AFUDC ⁽¹⁾	<u>\$159,494,000</u>
Total Installed Cost – May 2012 COD	\$2,039,074,000
⁽¹⁾ AFUDC calculated based on all components of capital cost estimate, including the base estimate, owner's costs, land, and community contribution.	

Section A.3.6.1.1

Line 3

Change \$20 to \$17

Section A.3.6.2

Line 6

After "including" add "approximately"

Table A.3-6

Delete "(Assuming 28 Percent Petcoke Blend)"

Add a new line above "Nonfuel Variable O&M" as follows "Petcoke Percentage", "28.7 %", "26.3 %", and "22.6 %"

Change \$1.37 to \$1.38

Change \$1.15 to \$1.37

Section A.3.7

Line 3

After "including" add "approximately"

Table A.3-7

Change 755.1 to 785.3

Change 8,990 to 8,977

Change 752.7 to 783.4

Change 9,190 to 9,198

Change 758.1 to 789.2

Change 8,916 to 8,922

Section A.6.2.7.2

Table A.6-35

Change "Hg, lb/MBtu" to "Hg, lb/TBtu"

Section A.6.2.8

Table A.6-37

Attached Table A.6-37 replaces Table A.6-37 and contains revised costs for EPC Cost, Owner’s Cost, Total Cost, and Total Cost based on a 20 percent increase for solid fuel units and a 12 percent increase for gas fueled units.

Section A.6.6.2

Figures A.6-2 through A.6-10

These figures have not been specifically revised, but would change slightly due to the increase capital costs of coal and gas fired, but would not change the conclusions of the screening analysis.

Section A.10.1

Page A1-1, Section A.10.1, Second paragraph, Lines 12 and 13

Replace “they have yet to receive approval from the Governor and Cabinet” with “only Stanton Energy Center Unit B and FPL’s West County units have received their Certification Order or approval from the Governor and Cabinet”

Section B.5.2.6.1

Page B.5-8, Line 2

Change \$1,742.4 million to \$2,078.1 million.

Page B.5-8, Line 5

Change \$681.7 million to \$808.4 million.

Page B.5-9, Table B.5-3 – Revised as follows:

Revised Table B.5-3 Updated TEC Capital Cost – FMPPA’s Share (All Costs in 2012 Dollars)		
Description	Entire Unit (\$1,000s)	FMPPA’s Share ⁽¹⁾ (\$1,000s)
EPC Cost	\$1,704,378	\$663,003
AFUDC	\$159,494	\$62,043
Owner’s Cost	\$138,762	\$53,978
Initial Coal Inventory	\$39,010	\$15,175
Community Contribution	\$17,000	\$6,613
Land Cost	\$19,440	\$7,562
Total	\$2,078,084	\$808,375
⁽¹⁾ Reflects FMPPA’s 38.9 percent ownership share of TEC.		

Section B.5.2.6.5

Page B.5-10, Line 3

Change \$20.0 million to \$17.0 million.

Section B.5.3.1

Page B.5-11, Lines 2 and 3

Replace “greenfield CFB units in 2014 and 2019, and a brownfield LM6000 CT in 2025” with “a greenfield CFB in 2014, a brownfield LM6000 CT in 2019, and a greenfield CFB in 2020.”

Section B.5.3.2

Page B.5-11, Lines 2 and 3

Replace “greenfield CFB units in 2012, 2014, and 2018; and a brownfield LMS100 CT in 2024” with “greenfield CFB units in 2012 and 2014, a brownfield LMS100 CT in 2018, and a greenfield CFB in 2020.”

Section B.5.3.3

Page B.5-11, Line 2

Change \$8,927.9 million to \$9,207.6 million.

Page B.5-11, Line 3

Change \$9,331.5 million to \$9,624.7 million.

Page B.5-11, Line 5

Change \$403.6 million to \$417.1 million.

Page B.5-12, Replace Table B.5-5 with attached Table B.5-5.

Page B.5-13, Replace Table B.5-6 with attached Table B.5-6.

Section B.6.1.1

Page B.6-2, Second Paragraph, Lines 3 through 5

Replace “greenfield CFB units in 2014, 2019, and 2025. The optimal capacity expansion plan for the case without participation in TEC consists of a brownfield LMS100 unit in 2011; greenfield CFB units in 2012, 2014, and 2018; and a greenfield 1x1 IGCC unit in 2024” with “greenfield CFB units in 2014, and 2019, and a brownfield LM6000 2025. The optimal capacity expansion plan for the case without participation in TEC consists of a brownfield LMS100 unit in 2011; greenfield CFB units in 2012, 2014, and 2018; and a brownfield LMS100 unit in 2024.”

Page B.6-2, Third Paragraph, Line 2

Change \$9,979.6 million to \$10,272.2 million.

Change \$10,343.1 million to \$10,640.3 million.

Page B.6-2, Third Paragraph, Line 3

Change \$363.5 million to \$368.1 million.

Section B.6.1.2

Page B.6-2, Sixth Paragraph, Lines 2 through 4

Replace “brownfield LMS100 units in 2011 and 2014, a brownfield GE 7FA CT unit in 2015, a greenfield CFB unit in 2019, and a brownfield LM6000 unit in 2025” with “brownfield LMS100 units in 2011, 2014, and 2015, a brownfield GE 7FA CT unit in 2017, and a greenfield CFB unit in 2021.”

Page B.6-7, First Paragraph, Line 2

Change \$7,890.9 million to \$8,088.2 million.

Change \$8,265.5 million to \$8,467.3 million.

Page B.6-7, First Paragraph, Line 3

Change \$374.6 million to \$379.0 million.

Section B.6.1.3

Page B.6-8, First Paragraph, Line 2

Change \$10,392.7 million to \$10,763.0 million.

Change \$10,853.3 million to \$11,246.5 million.

Page B.6-8, First Paragraph, Line 3

Change \$460.6 million to \$483.4 million.

Section B.6.1.4

Page B.6-8, Fourth Paragraph, Line 2

Change \$7,539.6 million to \$7,733.9 million.

Change \$7,952.2 million to \$8,170.1 million.

Page B.6-8, Fourth Paragraph, Line 3

Change \$412.6 million to \$436.2 million.

Section B.6.1.5

Page B.6-13, First Paragraph, Lines 2 through 6

Replace “a greenfield CFB unit in 2014, a brownfield LM6000 unit in 2019, and a greenfield CFB unit in 2020. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 unit in 2011, greenfield CFB units in 2012 and 2014, a brownfield LMS100 unit in 2018, and a greenfield CFB unit in 2020” with “a brownfield LMS100 unit in 2014, a GE 7FA CT unit in 2015, a greenfield CFB unit in 2019, and a brownfield LM6000 CT in 2025. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 unit in 2011, a greenfield CFB unit in 2012, a brownfield GE 7FA CT unit in 2014, a brownfield LMS100 unit in 2016, and a greenfield CFB unit in 2018, and a brownfield LMS100 unit in 2024.”

Page B.6-13, Second Paragraph, Line 2

Change \$9,222.9 million to \$9,500.0 million.

Change \$9,634.5 million to \$9,965.5 million.

Page B.6-13, Second Paragraph, Line 3

Change \$411.6 million to \$465.5 million.

Section B.6.1.6

Page B.6-13, Fifth Paragraph, Line 2

Change \$8,632.6 million to \$8,859.7 million.

Change \$9,024.4 million to \$9,263.3 million.

Page B.6-13, Fifth Paragraph, Line 3

Change \$391.4 million to \$403.6 million.

Section B.6.1.7

Page B.6-14, Second Paragraph, Lines 3 through 6

Replace “greenfield CFB units in 2014 and 2019, and a brownfield LM6000 unit in 2025. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 unit in 2011; greenfield CFB units in 2012, 2014, and 2018; and a brownfield LMS100 unit in 2024” with “a brownfield LMS100 unit in 2014, and greenfield CFB units in 2015 and 2021. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 unit in 2011; greenfield CFB units in 2012 and 2014, a brownfield LMS100 unit in 2018, and a greenfield CFB unit in 2020.”

Page B.6-14, Third Paragraph, Line 2

Change \$9,050.0 million to \$9,327.2 million.

Change \$9,485.5 million to \$9,750.1 million.

Page B.6-14, Third Paragraph, Line 3

Change \$408.5 million to \$422.8 million.

Section B.6.1.8

Page B.6-20, Second Paragraph, Lines 3 through 6

Replace “greenfield CFB units in 2014 and 2019, and a brownfield LM6000 unit in 2025. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 unit in 2011; greenfield CFB units in 2012, 2014, and 2018; and a brownfield LMS100 unit in 2024” with “a greenfield CFB unit in 2014, a brownfield LM6000 unit in 2019, and a greenfield CFB unit 2020. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 unit in 2011; greenfield CFB units in 2012 and 2014, a brownfield LMS100 unit 2018; and a greenfield CFB unit in 2020.”

Page B.6-20, Third Paragraph, Line 2

Change \$8,807.6 million to \$9,087.6 million.
Change \$9,178.6 million to \$9,499.7 million.

Page B.6-20, Third Paragraph, Line 3

Change \$371.0 million to \$412.1 million.

Section B.6.1.9

Page B.6-25, Second Paragraph, Lines 2 through 5

Replace “greenfield CFB units in 2014 and 2019, and a brownfield LM6000 unit in 2025. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 unit in 2011; greenfield CFB units in 2012, 2014, and 2018; and a brownfield LMS100 unit in 2024” with “a brownfield LMS100 unit in 2014, and greenfield CFB units in 2015 and 2021. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 unit in 2011; greenfield CFB units in 2012 and 2014, a brownfield LMS100 unit in 2018; and a greenfield CFB unit in 2020.”

Page B.6-25, Third Paragraph, Line 2

Change \$9,427.7 million to \$9,704.3 million.
Change \$9,798.1 million to \$10,092.7 million.

Page B.6-25, Third Paragraph, Line 3

Change \$370.4 million to \$388.4 million.

Section B.6.1.10

Page B.6-26

Attached Table B.6-18 replaces Table B.6-18 and contains updated CPWC results.

Section B.6.2.1

Page B.6-27, Third Paragraph, Line 3

Change \$9,571.9 million to \$9,772.0 million.

Page B.6-27, Third Paragraph, Line 5

Change \$644.0 million to \$564.4 million.

Section B.6.2.2

Page B.6-28, Fifth Paragraph, Line 3

Change \$9,127.7 million to \$9,448.7 million.

Page B.6-28, Third Paragraph, Line 5

Change \$199.8 million to \$241.1 million.

Section B.6.2.3

Page B.6-29, Second Paragraph, Lines 2 through 4

Replace “in 2012 consists of brownfield LMS100 units in 2011 and 2014, a brownfield LM6000 unit in 2015, participation in a supercritical pulverized coal unit in 2016, and a greenfield CFB unit in 2023” with “in 2012 consists of brownfield LMS100 units in 2011, 2014, and 2015, participation in a supercritical pulverized coal unit in 2016, and brownfield GE LM6000 units in 2023 and 2024.”

Page B.6-29, Third Paragraph, Line 2

Change \$8,613.4 million to \$8,842.2 million.

Page B.6-29, Third Paragraph, Line 3

Change \$314.5 million to \$365.4 million.

Section B.6.2.4

Page B.6-30, First Paragraph, Lines 3 through 4

Replace “brownfield 1x1 7FA combined cycle unit in 2012, a brownfield LMS100 unit in 2014, a brownfield 7FA CT unit in 2015, and a brownfield 1x1 7FA combined cycle unit in 2019” with “brownfield 7FA CT unit in 2012, a brownfield 1x1 7FA combined cycle unit in 2013, a brownfield LMS100 unit in 2017, and a brownfield 1x1 7FA combined cycle unit in 2019.”

Page B.6-30, Second Paragraph, Line 1

Change \$10,014.0 million to \$10,080.9 million.

Page B.6-30, Second Paragraph, Line 3

Change \$1,086.1 million to \$873.3 million.

Section B.6.2.5

Page B.6-30, Fifth Paragraph, Line 5

Replace “brownfield LM6000 unit” with “brownfield LMS100 unit”

Page B.6-30, Sixth Paragraph, Line 2

Change \$9,007.7 million to \$9,286.0 million.

Change \$9,409.0 million to \$9,722.1 million.

Page B.6-30, Sixth Paragraph, Line 3

Change \$401.3 million to \$436.1 million.

Page B.6-30, Sixth Paragraph, Line 5

Change \$79.8 million to \$78.4 million.

Section B.6.2.6

Page B.6-31, Third Paragraph, Lines 2 through 3

Replace “brownfield LMS100 units in 2011 and 2012 and greenfield CFB units in 2015 and 2021” with “a brownfield LMS100 unit in 2011, a greenfield CFB unit in 2014, a brownfield LM6000 unit in 2019, and a greenfield CFB unit 2020.”

Page B.6-31, Third Paragraph, Line 3

Change \$8,951.5 million to \$9,232.7 million.

Page B.6-31, Third Paragraph, Line 6

Change \$23.6 million to \$25.1 million.

Page B.6-31, Third Paragraph, Line 9

Change \$380.0 million to \$392.0 million.

Section B.6.2.7

Page B.6-32

Attached Table B.6-21 replaces Table B.6-21 and contains updated CPWC results.

Section B.6.3.1

Page B.6-32, First Paragraph, Line 5

Change \$9,502.9 million to \$9,679.8 million.

Page B.6-32, First Paragraph, Line 7

Change \$575.0 million to \$472.2 million.

Section B.6.3.2

Page B.6-32, Second Paragraph, Line 6

Change \$9,619.1 million to \$9,796.0 million.

Page B.6-32, Second Paragraph, Line 7

Change \$691.2 million to \$588.4 million.

Section B.6.3.3

Page B.6-33

Attached Table B.6-22 replaces Table B.6-22 and contains updated CPWC results.

Section B.7.3.1

Page B.7-6, Table B.7-2

Change \$681,687,000 to \$808,374,676

Replace Note (1) with “Capital cost includes interest during construction and FMPA’s share of initial coal inventory.”

Section B.7.4

Pages B.7-17 through B.7-24

Attached Tables B.7-7 through B.7-10 replace Tables B.7-7 through B.7-10 and contain updated FIRE model cost-effectiveness test results incorporating the updated TEC capital cost estimate.

Section B.9.1

Page B.9-1, Second Paragraph, Line 10

Replace “second CFB unit in 2019, and an LM6000 unit in 2025” with “a brownfield LM6000 unit in 2019, and a greenfield CFB unit in 2020.”

Page B.9-1, Second Paragraph, Line 11

Change \$8,953.8 million to \$9,227.5 million.

Change \$25.9 million to \$19.9 million.

Page B.9-1, Second Paragraph, Line 13

Change \$377.7 million to \$397.1 million.

Appendix B.1

Attached Tables B.1-1 through B.1-26 replace Tables B.1-1 through B.1-26 and contain updated CPWC summaries for the sensitivity scenarios reflecting updated supply-side capital cost estimates.

Section C.5.2.6.1

Page C.5-9, Line 2

Change \$1,742.4 million to \$2,078.1 million.

Page C.5-9, Line 5

Change \$681.7 million to \$654.6 million.

Page C.5-9, Table C.5-4 – Revised as follows:

Revised Table C.5-4 Updated TEC Capital Cost – JEA’s Share (All Costs in 2012 Dollars)		
Description	Entire Unit (\$1,000s)	FMPA’s Share ⁽¹⁾ (\$1,000s)
EPC Cost	\$1,704,378	\$536,879
AFUDC	\$159,494	\$50,241
Owner’s Cost	\$138,762	\$43,710
Initial Coal Inventory	\$39,010	\$15,175
Community Contribution	\$17,000	\$5,355
Land Cost	\$19,440	\$6,124
Total	\$2,078,084	\$654,596
⁽¹⁾ Reflects JEA’s 31.5 percent ownership share of TEC.		

Section C.5.2.6.5

Page C.5-12, Line 3

Change \$20.0 million to \$17.0 million.

Section C.5.3.1

Page C.5-12, Line 4

Replace “brownfield IGCC unit” with “brownfield 1x1 combined cycle”

Section C.5.3.3

Page C.5-12, Line 2

Change \$14,139.0 million to \$14,437.5 million.

Page C.5-12, Line 3

Change \$14,178.1 million to \$14,475.6 million.

Page C.5-12, Line 5

Change \$39.1 million to \$38.1 million.

Page C.5-13, Replace Table C.5-5 with attached Table C.5-5.

Page C.5-14, Replace Table C.5-6 with attached Table C.5-6.

Section C.6.1.1

Page C.6-2, Second Paragraph, Lines 4 through 9

Replace “a second greenfield CFB in 2022, and a brownfield IGCC unit in 2023. The optimal capacity expansion plan for the case without participation in TEC consists of a brownfield LMS100 CT in 2011, a brownfield CFB in 2012, a second brownfield CFB in 2014, a brownfield IGCC unit in 2019, a second brownfield LMS100 CT in 2021, a greenfield CFB in 2022, a greenfield LMS100 CT in 2023, and a second LMS100 CT in 2024” with “a brownfield IGCC unit in 2022, and a greenfield LMS100 CT in 2024. The optimal capacity expansion plan for the case without participation in TEC consists of a brownfield LMS100 CT in 2011, a brownfield CFB in 2012, a second brownfield CFB in 2014, a brownfield LMS100 CT in 2019, a brownfield 1x1 7FA combined cycle unit in

2020, a brownfield IGCC unit in 2022, and greenfield LMS100 CTs in 2023 and 2024.”

Page C.6-2, Third Paragraph, Line 2

Change \$15,521.2 million to \$15,858.6 million.

Change \$15,580.9 million to \$15,894.1 million.

Page C.6-2, Third Paragraph, Line 3

Change \$59.7 million to \$35.5 million.

Section C.6.1.2

Page C.6-2, Sixth Paragraph, Lines 6 through 10

Replace “a second brownfield CFB in 2019, a brownfield and a greenfield LMS100 CT in 2021, a second greenfield LMS100 CT in 2022, two additional greenfield LMS100 CTs in 2023, a fifth LMS100 CT in 2024. The optimal capacity expansion plan for the case without participation in TEC consists of a brownfield LMS100 CT in 2011, a brownfield CFB in 2012, a second brownfield CFB in 2014, a brownfield 1x1 7FA combined cycle unit in 2019, a second brownfield LMS100 CT in 2021, a brownfield IGCC unit in 2022, a greenfield LMS100 CT in 2023, and a second greenfield LMS100 CT in 2024” with “a brownfield 1x1 7FA combined cycle unit in 2019, a brownfield and a greenfield LMS100 CT in 2021, a second greenfield LMS100 CT in 2022, and a brownfield CFB in 2023. The optimal capacity expansion plan for the case without participation in TEC consists of a brownfield 1x1 7FA combined cycle unit in 2011, a brownfield CFB in 2013, brownfield LMS100 CTs in 2015 and 2019, a second brownfield CFB in 2020, 2 greenfield LMS100 CTs in 2022, a greenfield LMS100 CT in 2023, and a brownfield 7FA CT in 2024.”

Page C.6-7, Second Paragraph, Line 2

Change \$12,650.7 million to \$12,918.2 million.

Change \$12,651.3 million to \$12,905.5 million.

Page C.6-7, Second Paragraph, Line 3

Replace “with participation in TEC is the least-cost plan by \$0.6 million over the evaluation period” with “without participation in TEC is the least-cost plan by approximately \$12.7 million over the evaluation period. It should be noted that the plan without participation in TEC includes construction of a petroleum coke-fired CFB in place of TEC.”

Section C.6.1.3

Page C.6-8, First Paragraph, Lines 2 through 11

Replace “two greenfield 7FA CTs in 2007, two brownfield LMS100 CTs in 2011, a brownfield CFB in 2014, a second brownfield CFB in 2015, a brownfield 1x1 7FA combined cycle unit in 2019, a brownfield IGCC unit in 2021, two greenfield LMS100 CTs in 2023, and two additional greenfield LMS100 CTs in 2024. The optimal capacity expansion plan without participation in TEC consists of two brownfield 7FA CTs and two greenfield 7FA CTs in 2007, a brownfield 1x1 7FA combined cycle unit in 2011, a brownfield CFB in 2013, a second brownfield CFB in 2014, a brownfield IGCC unit in 2018, a brownfield LMS100 CT in 2020, a greenfield CFB in 2021, a second brownfield LMS100 CT in 2022, two greenfield LMS100 CTs in 2023, and two additional greenfield LMS100 CTs in 2024” with “brownfield 1x1 7FA combined cycle unit in 2007, a brownfield 7FA CT in 2010, a brownfield LMS100 CT in 2011, brownfield CFBs in 2014

and 2015, a brownfield LMS100 CT in 2019, a greenfield LMS100 CT in 2020, a brownfield IGCC unit in 2021, a greenfield LMS100 CT in 2022, two greenfield LMS100 CTs in 2023, and two additional greenfield LMS100 CTs in 2024. The optimal capacity expansion plan without participation in TEC consists of two brownfield 7FA CTs and a brownfield 1x1 7FA combined cycle unit in 2007, a greenfield 7FA CT in 2010, a brownfield LMS100 CT in 2011, brownfield CFBs in 2012 and 2014, a second brownfield LMS100 CT in 2015, a brownfield IGCC unit in 2019, a greenfield LMS100 CT in 2020, two greenfield LMS100 CTs in 2021, two greenfield LMS100 CTs in 2022, and a greenfield CFB in 2024.”

Page C.6-8, Second Paragraph, Line 2

Change \$17,591.0 million to \$17,909.2 million.

Change \$17,721.5 million to \$17,931.0 million.

Page C.6-8, Second Paragraph, Line 3

Change \$130.5 million to \$21.8 million.

Section C.6.1.4

Page C.6-8, Sixth Paragraph, Line 2

Change \$13,371.9 million to \$13,554.9 million.

Change \$13,427.3 million to \$13,635.3 million.

Page C.6-8, Sixth Paragraph, Line 3

Change \$55.4 million to \$80.3 million.

Section C.6.1.5

Page C.6-13, Second Paragraph, Lines 2 through 9

Replace “a second brownfield CFB in 2015, a brownfield LMS100 CT in 2020, a brownfield and a greenfield LMS100 CT in 2021, a second greenfield LMS100 CT in 2022, and a brownfield 1x1 7FA combined cycle unit in 2023. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 CT in 2011, a brownfield CFB in 2012, a second brownfield CFB in 2014, a second brownfield LMS100 CT in 2019, a brownfield 1x1 7FA combined cycle unit in 2020, a brownfield IGCC unit in 2022, a greenfield LMS100 CT in 2023, and a second greenfield LMS100 CT in 2024” with “a brownfield LMS100 CT in 2015, a brownfield 1x1 7FA combined cycle unit in 2019, a brownfield CFB in 2021, a brownfield and a greenfield LMS100 CT in 2023, and a greenfield CFB in 2024. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 CT in 2011, a brownfield CFB in 2012, a second brownfield CFB in 2014, a second brownfield LMS100 CT in 2019, a brownfield 1x1 7FA combined cycle unit in 2020, a second brownfield 1x1 7FA combined cycle unit in 2022, and a brownfield 7FA CT in 2024.”

Page C.6-13, Third Paragraph, Line 2

Change \$14,465.4 million to \$14,804.4 million.

Change \$14,500.7 million to \$14,850.6 million.

Page C.6-13, Third Paragraph, Line 3

Change \$35.3 million to \$46.1million.

Section C.6.1.6

Page C.6-13, Fifth Paragraph, Lines 4 through 8

Replace “a second greenfield LMS100 CT in 2022, and a brownfield IGCC unit in 2023. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 CT in 2011, a brownfield CFB in 2012, a

second brownfield CFB in 2014, a brownfield IGCC unit in 2019, a second brownfield LMS100 CT in 2021, two greenfield LMS100 CTs in 2022, and a brownfield 1x1 7FA combined cycle unit in 2023” with “a brownfield IGCC unit in 2022, and a greenfield LMS100 CT in 2024. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 CT in 2011, a brownfield CFB in 2012, a second brownfield CFB in 2014, a second brownfield LMS100 CT in 2019, a brownfield 1x1 7FA combined cycle unit in 2020, a brownfield IGCC unit in 2020, and greenfield LMS100 CTs in 2023 and 2024.”

Page C.6-14, Second Paragraph, Line 2

Change \$13,788.2 million to \$14,049.6 million.

Change \$13,877.7 million to \$14,093.5 million.

Page C.6-14, Second Paragraph, Line 3

Change \$89.5 million to \$43.9 million.

Section C.6.1.7

Page C.6-14, Fifth Paragraph, Lines 3 through 5

Replace “brownfield LMS100 CT in 2020, a brownfield and a greenfield LMS100 CT in 2021, a second greenfield LMS100 CT in 2022, and a brownfield 1x1 7FA combined cycle unit in 2023” with “brownfield 1x1 7FA combined cycle unit in 2020, a brownfield LMS100 CT in 2022, a brownfield and a greenfield LMS100 CT in 2023, and a second greenfield LMS100 CT in 2024.”

Page C.6-14, Sixth Paragraph, Line 2

Change \$14,427.7 million to \$14,745.4 million.

Change \$14,459.1 million to \$14,781.7 million.

Page C.6-14, Sixth Paragraph, Line 3

Change \$31.4 million to \$36.2 million.

Section C.6.1.8

Page C.6-18, Second Paragraph, Lines 3 through 5

Replace “brownfield LMS100 CT in 2020, a brownfield and a greenfield LMS100 CT in 2021, a second greenfield LMS100 CT in 2022, and a brownfield IGCC unit in 2023” with “brownfield 1x1 7FA combined cycle unit in 2020, a brownfield LMS100 CT in 2022, a brownfield and a greenfield LMS100 CT in 2023, and a second greenfield LMS100 CT in 2024.”

Page C.6-18, Third Paragraph, Line 2

Change \$13,850.4 million to \$14,183.4 million.

Change \$13,896.7 million to \$14,194.0 million.

Page C.6-18, Third Paragraph, Line 3

Change \$46.3 million to \$10.6 million.

Section C.6.1.9

Page C.6-21, Third Paragraph, Lines 2 through 9

Replace “second brownfield CFB in 2015, a brownfield LMS100 CT in 2020, a brownfield and a greenfield LMS100 CT in 2021, a second greenfield LMS100 CT in 2022, and a brownfield 1x1 7FA combined cycle unit in 2023. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 CT in 2011, a brownfield CFB in 2012, a second brownfield CFB in 2014, a second brownfield LMS100 CT in 2019, a brownfield 1x1 7FA combined cycle unit in 2020, a greenfield CFB in 2022, a greenfield LMS100 CT in 2023, and a second greenfield LMS100 CT in 2024” with “brownfield LMS100 CT in

2015, a brownfield 1x1 7FA combined cycle unit in 2019, a brownfield CFB in 2021, a brownfield LMS100 CT in 2023, and a greenfield LMS100 CT in 2024. The optimal capacity expansion plan without participation in TEC consists of a brownfield LMS100 CT in 2011, a brownfield CFB in 2012, a second brownfield CFB in 2014, a second brownfield LMS100 CT in 2019, a brownfield 1x1 7FA combined cycle unit in 2020, a brownfield IGCC in 2022, a greenfield LMS100 CT in 2023, and a second greenfield LMS100 CT in 2024.”

Page C.6-21, Fourth Paragraph, Line 2

Change \$15,659.2 million to \$15,947.3 million.

Change \$15,712.6 million to \$16,000.3 million.

Page C.6-21, Fourth Paragraph, Line 3

Change \$53.4 million to \$53.0 million.

Section C.6.1.10

Page C.6-21, Line 4

Replace “in each” with “in all but one”

Page C.6-26

Attached Table C.6-18 replaces Table C.6-18 and contains updated CPWC results.

Section C.6.2.1

Page C.6-28, Second Paragraph, Lines 3 through 5

Replace “brownfield IGCC unit in 2020, a brownfield LMS100 CT in 2022, a brownfield and a greenfield LMS100 CT in 2023, and a second greenfield LMS100 CT in 2024, with a CPWC of \$14,362.4 million” with brownfield LMS100 CTs in 2020 and 2021, greenfield LMS100 CTs in 2021 and 2022, and a brownfield IGCC unit in 2023, with a CPWC of \$14,712.7 million.”

Page C.6-28, Second Paragraph, Line 7

Change \$223.4 million to \$275.2 million.

Section C.6.2.2

Page C.6-29, Second Paragraph, Line 5

Change \$14,176.1 million to \$14,477.8 million.

Page C.6-29, Second Paragraph, Line 7

Change \$37.1 million to \$40.3 million.

Section C.6.2.3

Page C.6-30, Second and Third Paragraphs

Replace with “In this sensitivity case, the optimal capacity expansion plan remains unchanged from the base case expansion plan with participation in TEC presented in Section C.5.3.1, with a CPWC of \$14,437.5 million.”

Section C.6.2.4

Page C.6-30, Seventh Paragraph, Line 1

Change \$15,055.2 million to \$15,152.6 million.

Page C.6-30, Second Paragraph, Line 3

Change \$916.2 million to \$715.1 million.

Section C.6.2.5

Page C.6-31, Third Paragraph, Lines 3 through 5

Replace “brownfield LMS100 CT in 2020, a second brownfield LMS100 CT in 2021, two greenfield LMS100 CTs in 2022, and a brownfield 1x1 7FA combined cycle unit in 2023” with “brownfield 1x1 7FA combined cycle unit in 2020,

brownfield LMS100 CTs in 2022 and 2023, and greenfield LMS100 CTs in 2023 and 2024.”

Page C.6-31, Fourth Paragraph, Line 2

Change \$14,281.3 million to \$14,515.8 million.

Change \$14,230.1 million to \$14,527.1 million.

Page C.6-31, Fourth Paragraph, Line 3

Change \$11.8 million to \$11.2 million.

Page C.6-31, Fourth Paragraph, Line 5

Change \$79.3 million to \$78.4 million.

Section C.6.2.6

Page C.6-32, Second Paragraph, Line 4

Replace “a brownfield IGCC unit in 2023, and a second greenfield LMS100 CT in 2024” with “a greenfield LMS100 CT in 2022, and a brownfield 1x1 7FA combined cycle unit in 2023.”

Page C.6-32, Second Paragraph, Line 5

Change \$14,159.5 million to \$14,457.1 million.

Page C.6-32, Second Paragraph, Line 8

Change \$20.5 million to \$19.6 million.

Page C.6-32, Second Paragraph, Line 10

Change \$18.6 million to \$18.5 million.

Section C.6.2.7

Page C.6-32, First Paragraph, Line 3

Delete “except for the second jointly owned pulverized coal unit sensitivity.”

Page C.6-33

Attached Table C.6-21 replaces Table C.6-21 and contains updated CPWC results.

Section C.6.3.1

Page C.6-33, First Paragraph, Lines 5 through 7

Replace “brownfield LMS100 CT in 2020, a brownfield and a greenfield LMS100 CT in 2021, a brownfield IGCC unit in 2022, and a second greenfield LMS100 CT in 2024, with a CPWC of \$14,626.1 million” with “brownfield 1x1 7FA combined cycle in 2020, brownfield LMS100 CTs in 2022 and 2023, and greenfield LMS100 CTs in 2023 and 2024, with a CPWC of \$14,838.7 million.”

Page C.6-33, First Paragraph, Line 9

Change \$487.1 million to \$401.2 million.

Section C.6.3.2

Page C.6-33, Second Paragraph, Line 7

Change \$14,446.7 million to \$14,717.8 million.

Page C.6-33, First Paragraph, Line 2

Change \$307.7 million to \$280.3 million.

Section C.6.3.3

Page C.6-34

Attached Table C.6-22 replaces Table C.6-22 and contains updated CPWC results.

Section C.7.3.1

Page C.7-7, Table C.7-2

Change \$552,009,000 to \$654,596,460

Replace Note (1) with “Capital cost includes interest during construction and JEA’s share of initial coal inventory.”

Section C.7.4

Pages C.7-18 through C.7-25

Attached Tables C.7-7 through C.7-10 replace Tables C.7-7 through C.7-10 and contain updated FIRE model cost-effectiveness test results incorporating the updated TEC capital cost estimate.

Section C.9.1

Page C.9-1, Second Paragraph, Line 14

Replace “brownfield IGCC unit” with brownfield 1x1 7FA combined cycle unit.”

Page C.9-1, Second Paragraph, Line 15

Change \$14,180.7 million to \$14,476.5 million.

Change \$41.7 million to \$39.0 million.

Page C.9-1, Third Paragraph, Line 1

Change \$2.6 million to \$0.9 million.

Appendix C.1

Attached Tables C.1-1 through C.1-26 replace Tables C.1-1 through C.1-26 and contain updated CPWC summaries for the sensitivity scenarios reflecting updated supply-side capital cost estimates.

Section D.5.2.6.1

Page D.5-6, Line 2

Change \$1,742.4 million to \$2,078.1 million.

Page D.5-6, Line 5

Change \$163.0 million to \$193.3 million.

Page D.5-7, Table D.5-2 – Revised as follows:

Revised Table D.5-2 Updated TEC Capital Cost – RCID’s Share (All Costs in 2012 Dollars)		
Description	Entire Unit (\$1,000s)	FMPA’s Share ⁽¹⁾ (\$1,000s)
EPC Cost	\$1,704,378	\$158,507
AFUDC	\$159,494	\$14,833
Owner’s Cost	\$138,762	\$12,905
Initial Coal Inventory	\$39,010	\$15,175
Community Contribution	\$17,000	\$1,581
Land Cost	\$19,440	\$1,808
Total	\$2,078,084	\$193,262
⁽¹⁾ Reflects RCID’s 9.3 percent ownership share of TEC.		

Section D.5.2.6.5

Page D.5-8, Line 3

Change \$20.0 million to \$17.0 million.

Section D.5.3.3

Page D.5-9, Line 2

Change \$1,771.2 million to \$1,816.4 million.

Page D.5-9, Line 3

Change \$2,042.1 million to \$2,072.0 million.

Page D.5-9, Line 5

Change \$270.9 million to \$255.6 million.

Page D.5-10, Replace Table D.5-4 with attached Table D.5-4.

Page D.5-11, Replace Table D.5-5 with attached Table D.5-5.

Section D.6.1.1

Page D.6-2, Third Paragraph, Line 2

Change \$1,923.6 million to \$1,968.7 million.

Change \$2,222.1 million to \$2,252.0 million.

Page D.6-2, Third Paragraph, Line 3

Change \$298.5 million to \$283.3 million.

Section D.6.1.2

Page D.6-5, First Paragraph, Line 2

Change \$1,584.4 million to \$1,629.6 million.

Change \$1,774.2 million to \$1,804.1 million.

Page D.6-5, First Paragraph, Line 3

Change \$189.8 million to \$174.5 million.

Section D.6.1.3

Page D.6-5, Second Paragraph, Line 2

Change \$1,854.0 million to \$1,899.1 million.

Change \$2,111.9 million to \$2,142.6 million.

Page D.6-5, Second Paragraph, Line 3

Change \$257.9 million to \$243.5 million.

Section D.6.1.4

Page D.6-5, Fifth Paragraph, Line 2

Change \$1,713.1 million to \$1,757.5 million.

Change \$1,985.1 million to \$2,015.0 million.

Page D.6-5, Fifth Paragraph, Line 3

Change \$272.0 million to \$257.5 million.

Section D.6.1.5

Page D.6-8, Second Paragraph, Line 2

Change \$1,832.8 million to \$1,886.5 million.

Change \$2,091.9 million to \$2,127.8 million.

Page D.6-8, Second Paragraph, Line 3

Change \$259.1 million to \$241.3 million.

Section D.6.1.6

Page D.6-8, Fourth Paragraph, Line 2

Change \$1,709.7 million to \$1,746.4 million.

Change \$1,992.2 million to \$2,016.1 million.

Page D.6-8, Fourth Paragraph, Line 3
Change \$282.5 million to \$269.8 million.

Section D.6.1.7

Page D.6-9, Second Paragraph, Line 2
Change \$1,780.4 million to \$1,817.1 million.
Change \$2,043.4 million to \$2,073.3 million.

Page D.6-9, Second Paragraph, Line 4
Change \$263.0 million to \$256.3 million.

Section D.6.1.8

Page D.6-9, Fourth Paragraph, Line 2
Change \$1,762.0 million to \$1,807.2 million.
Change \$2,040.7 million to \$2,070.6 million.

Page D.6-9, Fourth Paragraph, Line 3
Change \$278.7 million to \$263.4 million.

Section D.6.1.9

Page D.6-13, Third Paragraph, Line 2
Change \$1,825.3 million to \$1,870.4 million.
Change \$2,067.0 million to \$2,097.0 million.

Page D.6-13, Third Paragraph, Line 3
Change \$241.7 million to \$226.5 million.

Section D.6.1.10

Page D.6-16
Attached Table D.6-10 replaces Table D.6-10 and contains updated CPWC results.

Section D.6.2.1

Page D.6-17, Fourth Paragraph, Line 4
Change \$1,914.4 million to \$1,940.4 million.

Page D.6-18, First Paragraph, Line 1
Change \$143.2 million to \$124.0 million.

Section D.6.2.2

Page D.6-18, Second Paragraph, Line 5
Replace “Sections A.6.0 and D.5.0” with “Section A.6.0.”

Page D.6-19, First Paragraph, Line 4
Change \$1,814.8 million to \$1,870.8 million.

Page D.6-19, First Paragraph, Line 6
Change \$43.6 million to \$54.4 million.

Section D.6.2.3

Page D.6-20, First Paragraph, Line 4
Change \$1,539.9 million to \$1,589.2 million.
Change \$231.3 million to \$227.2 million.

Section D.6.2.4

Page D.6-20, Fifth Paragraph, Line 2
Change \$1,727.5 million to \$1,772.7 million.
Change \$1,982.2 million to \$2,009.9 million.

Page D.6-20, Fifth Paragraph, Line 3
Change \$254.7 million to \$237.2 million.

Section D.6.2.5

Page D.6-21, Second Paragraph, Line 4

Change \$1,780.6 million to \$1,825.7 million.

Page D.6-21, Second Paragraph, Line 6

Change \$9.4 million to \$9.3 million.

Page D.6-21, Third Paragraph, Line 2

Change \$1,780.6 million to \$1,825.7 million.

Change \$2,041.2 million to \$2,072.0 million.

Page D.6-21, Third Paragraph, Line 4

Change \$261.5 million to \$246.2 million.

Section D.6.2.6

Page D.6-22

Attached Table D.6-13 replaces Table D.6-13 and contains updated CPWC results.

Section D.6.3.1

Page D.6-22, Second Paragraph, Line 6

Change \$1,872.4 million to \$1,908.9 million.

Page D.6-22, Second Paragraph, Line 7

Change \$101.2 million to \$92.5 million.

Section D.6.3.2

Page D.6-22, Third Paragraph, Line 6

Change \$1,973.8 million to \$2,010.4 million.

Page D.6-23, First Paragraph, Line 1

Change \$202.6 million to \$193.9 million.

Section D.6.3.3

Page D.6-23

Attached Table D.6-14 replaces Table D.6-14 and contains updated CPWC results.

Section D.9.1

Page D.9-1, Second Paragraph, Line 7

Change \$1,796.7 million to \$1,840.8 million.

Change \$25.5 million to \$24.4 million.

Appendix D.1

Attached Tables D.1-1 through D.1-25 replace Tables D.1-1 through D.1-25 and contain updated CPWC summaries for the sensitivity scenarios reflecting updated supply-side capital cost estimates.

Section E.5.2.6.1

Page E.5-8, Line 2

Change \$1,742.4 million to \$2,078.1 million.

Page E.5-8, Line 5

Change \$355.7 million to \$421.9 million.

Page E.5-8, Table E.5-3 – Revised as follows:

Revised Table E.5-3 Updated TEC Capital Cost – The Cisy’s Share (All Costs in 2012 Dollars)		
Description	Entire Unit (\$1,000s)	FMPPA’s Share ⁽¹⁾ (\$1,000s)
EPC Cost	\$1,704,378	\$345,989
AFUDC	\$159,494	\$32,377
Owner’s Cost	\$138,762	\$28,169
Initial Coal Inventory	\$39,010	\$15,175
Community Contribution	\$17,000	\$3,451
Land Cost	\$19,440	\$3,946
Total	\$2,078,084	\$421,851
⁽¹⁾ Reflects the City’s 20.3 percent ownership share of TEC.		

Section E.5.2.6.5

Page E.5-10, Line 3

Change \$20.0 million to \$17.0 million.

Section E.5.3.1

Page E.5-11, First Paragraph, Lines 2 through 3

Replace “followed by an LMS100 CT unit in 2016, and a second LMS100 CT unit in 2021” with “followed by a 7FA CT in 2016.”

Section E.5.3.3

Page E.5-11, Third Paragraph, Line 2

Change \$4,320.0 million to \$4,379.1 million.

Page E.5-11, Third Paragraph, Line 4

Change \$4,472.6 million to \$4,567.7 million.

Page E.5-11, Third Paragraph, Line 5

Change \$152.6 million to \$188.6 million.

Page E.5-12, Replace Table E.5-5 with attached Table E.5-5.

Page E.5-13, Replace Table E.5-6 with attached Table E.5-6.

Section E.6.1.1

Page E.6-2, Second Paragraph, Line 2

Replace “consists of a CFB unit in 2016” with “consists of an LMS100 CT unit in 2016, and a second LMS100 CT unit in 2021.”

Page E.6-2, Third Paragraph, Line 2

Change \$4,817.0 million to \$4,954.6 million.

Change \$4,996.6 million to \$5,091.7 million.

Page E.6-2, Third Paragraph, Line 3

Change \$179.6 million to \$137.0 million.

Section E.6.1.2

Page E.6-7, First Paragraph, Line 2

Change \$3,502.7 million to \$3,561.7 million.

Change \$3,648.6 million to \$3,670.7 million.

Page E.6-7, First Paragraph, Line 3

Change \$145.9 million to \$109.0 million.

Section E.6.1.3

Page E.6-7, Fifth Paragraph, Line 2

Change \$4,670.3 million to \$4,716.0 million.

Change \$4,793.1 million to \$4,899.0 million.

Page E.6-7, Fifth Paragraph, Line 3

Change \$122.8 million to \$183.0 million.

Section E.6.1.4

Page E.6-10, Third Paragraph, Line 2

Change \$4,058.0 million to \$4,118.2 million.

Change \$4,234.9 million to \$4,331.4 million.

Page E.6-5, Fifth Paragraph, Line 3

Change \$176.9 million to \$213.1 million.

Section E.6.1.5

Page E.6-10, Fifth Paragraph, Line 4

Replace “followed by a CFB unit in 2016” with “followed by a 7FA CT in 2016 and an LMS100 CT in 2021.”

Page E.6-10, Sixth Paragraph, Line 2

Change \$4,388.6 million to \$4,458.2 million.

Change \$4,573.3 million to \$4,683.1 million.

Page E.6-10, Sixth Paragraph, Line 3

Change \$184.7 million to \$224.9 million.

Section E.6.1.6

Page E.6-13, Second Paragraph, Line 2

Replace “consists of a CFB unit in 2016” with “consists of an LMS100 CT unit in 2016, and a second LMS100 CT unit in 2021.”

Page E.6-13, Third Paragraph, Line 2

Change \$4,187.9 million to \$4,296.2 million.

Change \$4,372.0 million to \$4,448.0 million.

Page E.6-13, Third Paragraph, Line 3

Change \$184.1 million to \$151.8 million.

Section E.6.1.7

Page E.6-17, First Paragraph, Lines 2 through 3

Replace “consists of an LMS100 unit in 2016, followed by a second LMS100 unit in 2021” with “a 7FA CT in 2016.”

Page E.6-17, Second Paragraph, Line 2

Change \$4,344.5 million to \$4,406.2 million.

Change \$4,516.3 million to \$4,611.4 million.

Page E.6-17, Second Paragraph, Line 3

Change \$171.8 million to \$205.2 million.

Section E.6.1.8

Page E.6-17, Fourth Paragraph, Line 2

Replace “consists of a CFB unit in 2016” with “a 7FA CT in 2016.”

Page E.6-17, Fifth Paragraph, Line 2

Change \$4,274.9 million to \$4,337.7 million.

Change \$4,431.7 million to \$4,526.8 million.

Page E.6-17, Fifth Paragraph, Line 3

Change \$156.8 million to \$189.1 million.

Section E.6.1.9

Page E.6-20, Fourth Paragraph, Line 2

Change \$4,392.8 million to \$4,451.8 million.

Change \$4,508.4 million to \$4,603.5million.

Page E.6-20, Fourth Paragraph, Line 3

Change \$115.6 million to \$151.6 million.

Section E.6.1.10

Page E.6-25

Attached Table E.6-18 replaces Table E.6-18 and contains updated CPWC results.

Section E.6.2.1

Page E.6-27, First Paragraph, Lines 2 through 3

Replace “consists of a CFB unit in 2017, with a CPWC of approximately \$4,598.0 million” with “consists of a 7FA CT in 2017, with a CPWC of approximately \$4,693.1 million.”

Page E.6-27, First Paragraph, Line 5

Change \$278.0 million to \$314.0 million.

Section E.6.2.2

Page E.6-28, Fourth Paragraph, Line 3

Change \$4,421.8 million to \$4,507.3 million.

Page E.6-28, Fourth Paragraph, Line 5

Change \$101.8 million to \$128.2 million.

Section E.6.2.3

Page E.6-29, Fifth Paragraph, Line 2

Change \$4,134.7 million to \$4,226.8 million.

Change \$185.3 million to \$152.3 million.

Section E.6.2.4

Page E.6-29, Ninth Paragraph, Line 1

Change \$4,619.8 million to \$4,641.9 million.

Page E.6-29, Ninth Paragraph, Line 2

Change \$299.8 million to \$262.7 million.

Section E.6.2.5

Page E.6-30, Fourth Paragraph, Line 2

Change \$4,345.5 million to \$4,505.7 million.

Change \$4,514.5 million to \$4611.0 million.

Page E.6-30, Fourth Paragraph, Line 3

Change \$169.0 million to \$205.2 million.

Page E.6-30, Third Paragraph, Line 5

Change \$25.5 million to \$26.6 million.

Section E.6.2.6

- Page E.6-31, First Paragraph, Lines 2 through 3
Change \$4,334.5 million to \$4,393.5 million.
- Page E.6-31, First Paragraph, Line 5
Change \$14.5 million to \$14.3 million.
- Page E.6-31, First Paragraph, Line 9
Change \$138.1 million to \$174.2 million.

Section E.6.2.7

- Page E.6-31
Attached Table E.6-21 replaces Table E.6-21 and contains updated CPWC results.

Section E.6.3.1

- Page E.6-32, Second Paragraph, Line 5
Change \$4,576.3 million to \$4,586.7 million.
- Page E.6-32, Second Paragraph, Line 7
Change \$256.3 million to \$207.6 million.

Section E.6.3.2

- Page E.6-32, Third Paragraph, Lines 4 through 5
Replace “consisted of a CFB unit in 2016, with a CPWC of \$4,734.3 million”
with “consists of an LMS100 unit CT in 2016 and an LM6000 CT unit in 2022,
with a CPWC of \$4,794.9 million.”
- Page E.6-32, Third Paragraph, Line 6
Change \$414.3 million to \$415.7 million.

Section E.6.3.3

- Page E.6-33
Attached Table E.6-22 replaces Table E.6-22 and contains updated CPWC results.

Section E.7.2.4

- Page E.7-14, Third Paragraph, Line 3
Change \$4,320.0 million to \$4,379.1 million.
- Page E.7-14, Third Paragraph, Line 5
Change \$4,100.1 million to \$4,150.8 million.
- Page E.7-14, Third Paragraph, Line 7
Change \$219.9 million to \$228.4 million.
- Page E.7-14, Fourth Paragraph, Line 2
Change \$4,472.6 million to \$4,567.7 million.
- Page E.7-14, Fourth Paragraph, Line 5
Change \$4,307.4 million to \$4,379.5 million.
- Page E.7-14, Fourth Paragraph, Line 7
Change \$165.2 million to \$188.2 million.
- Page E.7-15, First Paragraph, Line 3
Change \$207.3 million to \$228.8 million.
- Page E.7-15, Second Paragraph, Line 7
Change \$207.3 million to \$228.8 million.
- Page E.7-15, Second Paragraph, Line 8
Change \$152.6 million to \$188.6 million.

Section E.9.1

Page E.9-1, Second Paragraph, Lines 12 through 13

Replace “includes an LMS100 CT unit in 2016, and a second LMS100 CT unit in 2021” with “a 7FA CT unit in 2016.”

Page E.9-1, Second Paragraph, Line 13

Change \$4,324.4 million to \$4,381.2 million.

Page E.9-1, Second Paragraph, Line 14

Change \$4.4 million to \$2.1 million.

Page E.9-1, Second Paragraph, Line 16

Change \$148.2 million to \$186.5 million.

Appendix E.1

Attached Tables E.1-1 through E.1-28 replace Tables E.1-1 through E.1-28 and contain updated CPWC summaries for the sensitivity scenarios reflecting updated supply-side capital cost estimates.

Revised Table B.6-18 Updated Summary of Sensitivity Analyses (Varying Base Case Input Parameters)			
Sensitivity Case	Expansion Plan CPWC Cost (\$ million)		
	With TEC	Without TEC	Differential CPWC Savings with TEC
Base Case	\$9,207.6	\$9,624.7	\$417.1
High Fuel Prices	\$10,272.2	\$10,640.3	\$368.1
Low Fuel Prices	\$8,088.2	\$8,467.3	\$379.0
High Load and Energy Growth	\$10,763.0	\$11,246.5	\$483.4
Low Load and Energy Growth	\$7,733.9	\$8,170.1	\$436.2
High Capital Cost	\$9,500.0	\$9,965.5	\$465.5
Low Capital Cost	\$8,859.7	\$9,263.3	\$403.6
High Emissions Allowances Costs	\$9,327.2	\$9,750.1	\$422.8
Low Emissions Allowances Costs	\$9,087.6	\$9,499.7	\$412.1
Regulated CO ₂	\$9,704.3	\$10,092.7	\$388.4

Revised Table B.6-21 Updated Summary of Sensitivity Analyses (Varying External Parameters)			
Sensitivity Case	Expansion Plan CPWC Cost (\$ million)		
	Sensitivity Scenario	Base Case TEC in 2012	Differential CPWC Savings of Base Case
3x1 Combined Cycle Joint Development	\$9,772.0	\$9,207.6	\$564.4
Three-Train 1x1 IGCC Joint Development	\$9,448.7	\$9,207.6	\$241.1
Second Jointly Owned Pulverized Coal Unit	\$8,842.2	\$9,207.6	(\$365.4)
All Natural Gas Capacity Expansion Plan	\$10,080.9	\$9,207.6	\$873.3
Biomass Supply-Side Addition with TEC	\$9,286.0	\$9,207.6	\$78.4
Biomass Supply-Side Addition without TEC	\$9,722.1	\$9,207.6	\$514.5
PRB Coal for TEC	\$9,232.7	\$9,207.6	\$25.1

Revised Table B.6-22 Updated Summary of FMPA's Share of Southern's Bids			
Sensitivity Case	Expansion Plan CPWC Cost (\$ million)		
	Sensitivity Scenario	Base Case TEC in 2012	Differential CPWC Savings of Base Case
Southern's Pulverized Coal Unit	\$9,679.8	\$9,207.6	\$472.2
Southern's 2x1 Combined Cycle Unit	\$9,796.0	\$9,207.6	\$588.4

Revised Table C.6-18 Updated Summary of Sensitivity Analyses (Varying Base Case Input Parameters)			
	Expansion Plan CPWC Cost (\$ million)		
	With TEC	Without TEC	Differential CPWC Savings with TEC
Base Case	\$14,437.5	\$14,475.6	\$38.1
High Fuel Prices	\$15,858.6	\$15,894.1	\$35.5
Low Fuel Prices	\$12,918.2	\$12,905.5	(\$12.7)
High Load and Energy Growth	\$17,909.2	\$17,931.0	\$21.8
Low Load and Energy Growth	\$13,554.9	\$13,635.3	\$80.3
High Capital Cost	\$14,804.4	\$14,850.6	\$46.1
Low Capital Cost	\$14,049.6	\$14,093.5	\$43.9
High Emissions Allowance Costs	\$14,745.5	\$14,781.7	\$36.2
Low Emissions Allowance Costs	\$14,183.4	\$14,194.0	\$10.6
Regulated CO ₂	\$15,947.3	\$16,000.3	\$53.0

Revised Table C.6-21 Updated Summary of Sensitivity Analyses (Varying External Parameters)			
Sensitivity Case	Expansion Plan CPWC Cost (\$ million)		
	Sensitivity Scenario	Base Case TEC in 2012	Differential CPWC Savings of Base Case
3x1 Combined Cycle Joint Development	\$14,712.7	\$14,437.5	\$275.2
Three-Train 1x1 IGCC Joint Development	\$14,477.8	\$14,437.5	\$40.3
Second Jointly Owned Pulverized Coal Unit	\$14,437.5	\$14,437.5	\$0.0
All Natural Gas Capacity Expansion Plan	\$15,152.6	\$14,437.5	\$715.1
Biomass Supply-Side Addition with TEC	\$14,515.8	\$14,437.5	\$78.4
Biomass Supply-Side Addition without TEC	\$14,527.1	\$14,437.5	\$89.6
PRB Coal for TEC	\$14,457.1	\$14,437.5	\$19.6

Revised Table C.6-22 Updated Summary of JEA's Share of Southern's Bids			
Sensitivity Case	Expansion Plan CPWC Cost (\$ million)		
	Sensitivity Scenario	Base Case TEC in 2012	Differential CPWC Savings of Base Case
Southern's Pulverized Coal Unit	\$14,838.7	\$14,437.5	\$401.2
Southern's 2x1 Combined Cycle Unit	\$14,717.8	\$14,437.5	\$280.3

Revised Table D.6-10 Updated Summary of Sensitivity Analyses (Varying Base Case Input Parameters)			
	Expansion Plan CPWC Cost (\$ million)		
	With TEC	Without TEC	Differential CPWC Savings with TEC
Base Case	\$1,816.4	\$2,072.0	\$255.6
High Fuel Prices	\$1,968.7	\$2,252.0	\$283.3
Low Fuel Prices	\$1,629.6	\$1,804.1	\$174.5
High Load and Energy Growth	\$1,899.1	\$2,142.6	\$243.5
Low Load and Energy Growth	\$1,757.5	\$2,015.0	\$257.5
High Capital Cost	\$1,886.5	\$2,127.8	\$241.3
Low Capital Cost	\$1,746.4	\$2,016.1	\$269.8
High Emissions Allowances Costs	\$1,817.1	\$2,073.3	\$256.3
Low Emissions Allowances Costs	\$1,807.2	\$2,070.6	\$263.4
Regulated CO ₂	\$1,870.4	\$2,097.0	\$226.5

Revised Table D.6-13 Updated Summary of Sensitivity Analyses (Varying External Parameters)			
Sensitivity Case	Expansion Plan CPWC Cost (\$ million)		
	Sensitivity Scenario	Base Case TEC in 2012	Differential CPWC Savings of Base Case
3x1 Combined Cycle Joint Development	\$1,940.4	\$1,816.4	\$124.0
Three-Train 1x1 IGCC Joint Development	\$1,870.8	\$1,816.4	\$54.4
Second Jointly Owned Pulverized Coal Unit	\$1,589.2	\$1,816.4	(\$227.2)
Biomass Supply-Side Addition with TEC	\$1,772.7	\$1,816.4	(\$43.7)
Biomass Supply-Side Addition without TEC	\$2,009.9	\$1,816.4	\$193.4
PRB Coal for TEC	\$1,825.7	\$1,816.4	\$9.3

Revised Table D.6-14 Updated Summary of RCID's Share of Southern's Bids			
Sensitivity Case	Expansion Plan CPWC Cost (\$ million)		
	Sensitivity Scenario	Base Case TEC in 2012	Differential CPWC Savings of Base Case
Southern's Pulverized Coal Unit	\$1,908.9	\$1,816.4	\$92.5
Southern's 2x1 Combined Cycle Unit	\$2,010.4	\$1,816.4	\$193.9

Revised Table E.6-18 Updated Summary of Sensitivity Analyses (Varying Base Case Input Parameters)			
	Expansion Plan CPWC Cost (\$ million)		
	With TEC	Without TEC	Differential CPWC Savings with TEC
Base Case	\$4,379.1	\$4,567.7	\$188.6
High Fuel Prices	\$4,954.6	\$5,091.7	\$137.0
Low Fuel Prices	\$3,561.7	\$3,670.7	\$109.0
High Load and Energy Growth	\$4,716.0	\$4,899.0	\$183.0
Low Load and Energy Growth	\$4,118.2	\$4,331.4	\$213.1
High Capital Cost	\$4,458.2	\$4,683.1	\$224.9
Low Capital Cost	\$4,296.2	\$4,448.0	\$151.8
High Emissions Allowance Costs	\$4,406.2	\$4,611.4	\$205.2
Low Emissions Allowance Costs	\$4,337.7	\$4,526.8	\$189.1
Regulated CO ₂	\$4,451.8	\$4,603.5	\$151.6

Revised Table E.6-21 Updated Summary of Sensitivity Analyses (Varying External Parameters)			
Sensitivity Case	Expansion Plan CPWC Cost (\$ million)		
	Sensitivity Scenario	Base Case TEC in 2012	Differential CPWC Savings of Base Case
3x1 Combined Cycle Joint Development	\$4,693.1	\$4,379.1	\$314.0
Three-Train 1x1 IGCC Joint Development	\$4,507.3	\$4,379.1	\$128.2
Second Jointly Owned Pulverized Coal Unit	\$4,226.8	\$4,379.1	(\$152.3)
All Natural Gas Capacity Expansion Plan	\$4,641.9	\$4,379.1	\$262.7
Biomass Supply-Side Addition with TEC	\$4,405.7	\$4,379.1	\$26.6
Biomass Supply-Side Addition without TEC	\$4,611.0	\$4,379.1	\$231.8
PRB Coal for TEC	\$4,393.5	\$4,379.1	\$14.3

Revised Table E.6-22 Updated Summary of the City's Share of Southern's Bids			
Sensitivity Case	Expansion Plan CPWC Cost (\$ million)		
	Sensitivity Scenario	Base Case TEC in 2012	Differential CPWC Savings of Base Case
Southern's Pulverized Coal Unit	\$4,586.7	\$4,379.1	\$207.6
Southern's 2x1 Combined Cycle Unit	\$4,794.9	\$4,379.1	\$415.7

Revised Table C.7-7 Updated FIRE Model Cost-Effectiveness Results for New and Existing Residential Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Appliance Efficiency Measures			
Efficient Clothes Washer - Existing - Residential	0.22	0.63	0.14
Efficient Clothes Washer - New - Residential	0.19	0.70	0.14
Energy Efficient Refrigerator (Frost-Free) - Existing - Residential	0.32	0.30	0.10
Energy Efficient Refrigerator (Frost-Free) - New - Residential	0.23	0.88	0.21
Energy Efficient Refrigerator (Manual) - Existing - Residential	0.30	0.36	0.12
Energy Efficient Refrigerator (Manual) - New - Residential	0.21	0.80	0.18
Building Envelope Measures			
Light Colored Roof Material - Existing - Residential	0.27	0.10	0.03
Light Colored Roof Material - New - Residential	0.27	0.43	0.12
Direct Load Control Measures			
On-Call Direct Load Control - Existing - Residential	-0.21	1.00	-0.38
On-Call Direct Load Control - New - Residential	-0.21	1.00	-0.38
HVAC Efficiency Measures			
High Efficiency Central Air Conditioning- Existing - Residential	0.19	0.30	0.06
High Efficiency Central Air Conditioning- New - Residential	0.06	1.00	0.10
High Efficiency Room Air Conditioning- Existing - Residential	0.27	0.28	0.08
High Efficiency Room Air Conditioning- New - Residential	0.27	2.77	0.68
Lighting Measures			
Compact Fluorescent Lights - Existing - Residential	0.24	29.25	0.56
Compact Fluorescent Lights - New - Residential	0.35	11.70	2.05
High Pressure Sodium Lighting (Outdoor) - Existing - Residential	0.34	2.57	0.60
High Pressure Sodium Lighting (Outdoor) - New - Residential	0.37	2.57	0.68
Water Heating Efficiency Measures			
DWH Pipe Insulation - Existing - Residential	0.13	0.29	0.06
DWH Pipe Insulation - New - Residential	0.13	0.08	0.02
High Efficiency Electric Water Heater - Existing - Residential	0.13	0.57	0.08
High Efficiency Electric Water Heater - New - Residential	-0.07	1.00	-0.12
Add-On Heat Pump Water Heater - Existing - Residential	0.40	1.09	0.43
Add-On Heat Pump Water Heater - New - Residential	0.40	1.45	0.57
Heat Recovery Water Heater - Existing - Residential	0.37	0.93	0.34
Heat Recovery Water Heater - New - Residential	0.37	0.93	0.34
Supplemental Solar Water Heater - Existing - Residential	0.38	0.17	0.07
Supplemental Solar Water Heater - New - Residential	0.38	0.17	0.07

Revised Table C.7-8 Updated FIRE Model Cost-Effectiveness Results for Existing Residential Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Appliance Efficiency Measures			
High Efficiency Pool Pump - Existing - Residential	0.18	0.13	0.04
Low-Flow Showerhead - Existing - Residential	0.36	19.60	2.27
Energy Efficient Freezer (Manual) - Existing - Residential	0.31	0.45	0.15
Appliance Removal Measures			
Remove Second Freezer - Existing - Residential	0.37	1.00	5.43
Remove Second Refrigerator - Existing - Residential	0.38	1.00	6.01
Building Envelope Measures			
Ceiling Insulation (R0-R19) - Existing - Residential	0.28	1.19	0.33
Ceiling Insulation (R19-R30) - Existing - Residential	0.26	0.49	0.14
Low Emissivity Glass - Existing - Residential	0.28	0.92	0.26
Window Film / Reflective Windows - Existing - Residential	0.28	0.61	0.17
Window Shade Screens - Existing - Residential	0.26	1.11	0.28
Heating, Ventilation, and Air Conditioning Efficiency Measures			
Air Conditioning System Maintenance - Existing - Residential	0.10	5.25	0.24
Water Heating Efficiency Measures			
Domestic Water Heater Heat Trap - Existing - Residential	0.15	1.00	0.29
Domestic Water Heater Tank Insulation - Existing - Residential	0.29	3.60	0.58

Revised Table C.7-9 Updated FIRE Model Cost-Effectiveness Results for New and Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Appliance Efficiency Measures			
Energy Efficient Electric Fryer - Existing - GSND	0.26	0.15	0.04
Energy Efficient Electric Fryer - Existing - GSD	0.25	0.16	0.04
Energy Efficient Electric Fryer - Existing - GSLD	0.24	0.17	0.04
Energy Efficient Electric Fryer - New - GSND	0.26	0.51	0.14
Energy Efficient Electric Fryer - New - GSD	0.25	0.54	0.14
Energy Efficient Electric Fryer - New - GSLD	0.24	0.58	0.14
Direct Load Control Measures			
Business On-Call Direct Load Control - Existing - GSND	-0.40	1.00	-1.16
Business On-Call Direct Load Control - Existing - GSD	-0.19	1.00	-4.75
Business On-Call Direct Load Control - Existing - GSLD	-0.16	1.00	-4.75
Business On-Call Direct Load Control - New - GSND	-0.40	1.00	-1.16
Business On-Call Direct Load Control - New - GSD	-0.19	1.00	-4.75
Business On-Call Direct Load Control - New - GSLD	-0.16	1.00	-4.75
HVAC Efficiency Measures			
High Efficiency Chiller - Existing - GSD	0.27	1.02	0.28
High Efficiency Chiller - Existing - GSLD	0.26	0.36	0.09
High Efficiency Chiller - New - GSD	0.27	6.23	1.69
High Efficiency Chiller - New - GSLD	0.26	1.84	0.47
High Efficiency Chiller w/ASD - Existing - GSD	0.27	2.01	0.55
High Efficiency Chiller w/ASD - Existing - GSLD	0.26	2.29	0.59
High Efficiency Chiller w/ASD - New - GSD	0.27	2.01	0.55
High Efficiency Chiller w/ASD - New - GSLD	0.26	2.29	0.59
High Efficiency DX Air ConditioningUnits - Existing - GSND	0.29	0.51	0.15
High Efficiency DX Air ConditioningUnits - Existing - GSD	0.27	0.42	0.12
High Efficiency DX Air ConditioningUnits - Existing - GSLD	0.26	0.50	0.13
High Efficiency DX Air ConditioningUnits - New - GSND	0.32	0.94	0.30
High Efficiency DX Air ConditioningUnits - New - GSD	0.27	0.35	0.10
High Efficiency DX Air ConditioningUnits - New - GSLD	0.26	0.73	0.19
High Efficiency Room Air ConditioningUnits - Existing - GSND	0.28	1.03	0.28
High Efficiency Room Air ConditioningUnits - New - GSND	0.27	1.00	0.96
High Efficiency Motors - Chiller - Existing - GSD	0.27	1.11	0.30
High Efficiency Motors - Chiller - Existing - GSLD	0.26	1.18	0.30
High Efficiency Motors - Chiller - New - GSD	0.27	6.65	1.76

Revised Table C.7-9 (Continued)			
Updated FIRE Model Cost-Effectiveness Results for New and Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
High Efficiency Motors - Chiller - New - GSLD	0.26	7.11	1.76
High Efficiency Motors - DX Air Conditioning- New - GSND	0.25	1.00	0.85
High Efficiency Motors - DX Air Conditioning- New - GSD	0.27	8.62	1.89
High Efficiency Motors - DX Air Conditioning- New - GSLD	0.25	8.85	2.15
High Efficiency Motors - DX Air Conditioning- Existing - GSND	0.26	0.66	0.18
High Efficiency Motors - DX Air Conditioning- Existing - GSD	0.27	1.43	0.38
High Efficiency Motors - DX Air Conditioning- Existing - GSLD	0.25	1.47	0.37
Leak Free Ducts - Existing - GSND	0.27	0.30	0.09
Leak Free Ducts - Existing - GSD	0.27	0.32	0.09
Leak Free Ducts - Existing - GSLD	0.26	0.34	0.09
Leak Free Ducts - New - GSND	0.24	0.12	0.03
Leak Free Ducts - New - GSD	0.26	0.12	0.03
Leak Free Ducts - New - GSLD	0.25	0.13	0.03
Cool Thermal Storage - Existing - GSD	-0.02	1.82	-0.45
Cool Thermal Storage - Existing - GSLD	-0.04	2.27	-0.46
Cool Thermal Storage - New - GSD	-0.02	1.57	-0.39
Cool Thermal Storage - New - GSLD	-0.04	1.58	-0.32
Lighting Measures			
Incandescent Replacement w/ Compact Fluorescent - Existing - GSND	0.44	25.29	5.44
Incandescent Replacement w/ Compact Fluorescent - Existing - GSD	0.49	22.77	5.44
Incandescent Replacement w/ Compact Fluorescent - Existing - GSLD	0.48	23.12	5.44
Incandescent Replacement w/ Compact Fluorescent - New - GSND	0.45	25.29	7.77
Incandescent Replacement w/ Compact Fluorescent - New - GSD	0.50	22.77	7.77
Incandescent Replacement w/ Compact Fluorescent - New - GSLD	0.49	23.12	7.77
Incandescent Replacement w/ 2x18W Compact Fluorescent - Existing - GSND	0.30	6.56	1.40
Incandescent Replacement w/ 2x18W Compact Fluorescent - Existing - GSD	0.33	5.95	1.40
Incandescent Replacement w/ 2x18W Compact Fluorescent - Existing - GSLD	0.33	6.03	1.40
Incandescent Replacement w/ 2x18W Compact Fluorescent - New - GSND	0.32	4.46	1.40
Incandescent Replacement w/ 2x18W Compact Fluorescent - New - GSD	0.36	4.04	1.40
Incandescent Replacement w/ 2x18W Compact Fluorescent - New - GSLD	0.35	4.10	1.40

Revised Table C.7-9 (Continued)			
Updated FIRE Model Cost-Effectiveness Results for New and Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Water Heating Efficiency Measures			
Heat Pump Water Heater - Existing - GSND	0.07	1.00	0.14
Heat Pump Water Heater - Existing - GSD	-0.02	1.00	-0.08
Heat Pump Water Heater - Existing - GSLD	0.17	1.00	0.47
Heat Pump Water Heater - New - GSND	0.10	1.00	0.33
Heat Pump Water Heater - New - GSD	-0.01	1.00	-0.07
Heat Pump Water Heater - New - GSLD	0.19	1.00	0.69
Heat Recovery Water Heater - Existing - GSND	0.22	1.00	0.61
Heat Recovery Water Heater - Existing - GSD	0.36	1.84	0.65
Heat Recovery Water Heater - Existing - GSLD	0.36	1.89	0.65
Heat Recovery Water Heater - New - GSND	0.25	1.00	0.85
Heat Recovery Water Heater - New - GSD	0.36	1.84	0.65
Heat Recovery Water Heater - New - GSLD	0.36	1.89	0.65

Revised Table C.7-10 Updated FIRE Model Cost-Effectiveness Results for Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Appliance Efficiency Measures			
Low or Variable Flow Showerhead - Existing - GSND	0.35	145.84	5.62
Low or Variable Flow Showerhead - Existing - GSD	0.42	122.83	5.62
Low or Variable Flow Showerhead - Existing - GSLD	0.42	121.83	5.62
Multiplex Refrigeration with No Subcooling - Existing - GSD	0.54	0.32	0.17
Multiplex Refrigeration with No Subcooling - Existing - GSLD	0.56	0.30	0.17
Multiplex Refrigeration with Ambient Subcooling - Existing - GSD	0.54	0.34	0.18
Multiplex Refrigeration with Ambient Subcooling - Existing - GSLD	0.56	0.33	0.18
Multiplex Refrigeration with Mechanical Subcooling - Existing - GSD	-0.32	0.08	-0.03
Multiplex Refrigeration with Mechanical Subcooling - Existing - GSLD	-0.24	0.10	-0.03
Multiplex Refrigeration: Ambient and Mechanical Subcooling - Existing - GSD	0.54	0.00	0.62
Multiplex Refrigeration: Ambient and Mechanical Subcooling - Existing - GSLD	0.57	0.00	0.62
Building Envelope Measures			
Light Colored Roof - Air Chiller - Existing - GSD	0.27	2.16	0.59
Light Colored Roof - Air Chiller - Existing - GSLD	0.26	0.92	0.24
Light Colored Roof - DX Air Conditioning- Existing - GSND	0.28	0.26	0.07
Light Colored Roof - DX Air Conditioning- Existing - GSD	0.27	0.55	0.15
Light Colored Roof - DX Air Conditioning- Existing - GSLD	0.26	0.59	0.15
Light Colored Roof - Water Chiller - Existing - GSD	0.27	1.76	0.48
Light Colored Roof - Water Chiller - Existing - GSLD	0.26	0.62	0.16
Roof Insulation - Chiller - Existing - GSD	0.27	0.27	0.07
Roof Insulation - Chiller - Existing - GSLD	0.25	0.06	0.01
Roof Insulation - DX Air Conditioning- Existing - GSND	0.29	0.42	0.12
Roof Insulation - DX Air Conditioning- Existing - GSD	0.27	0.22	0.06
Roof Insulation - DX Air Conditioning- Existing - GSLD	0.25	0.05	0.01
Window Film - Chiller - Existing - GSD	0.27	2.22	0.59
Window Film - Chiller - Existing - GSLD	0.25	2.37	0.59
Window Film - DX Air Conditioning- Existing - GSND	0.19	1.00	0.32
Window Film - DX Air Conditioning- Existing - GSD	0.27	2.55	0.67
Window Film - DX Air Conditioning- Existing - GSLD	0.25	2.72	0.67

Revised Table C.7-10 (Continued)			
Updated FIRE Model Cost-Effectiveness Results for Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
HVAC Efficiency Measures			
2-Speed Motor for Cooling Tower - Existing - GSD	0.26	2.30	0.57
2-Speed Motor for Cooling Tower - Existing - GSLD	0.25	2.46	0.57
Speed Control for Cooling Tower Motors - Existing - GSD	0.27	0.82	0.22
Speed Control for Cooling Tower Motors - Existing - GSLD	0.25	0.88	0.22
Lighting Measures			
4' Fluorescent w/ Electronic Ballast Replacement - Existing - GSND	0.35	0.42	0.15
4' Fluorescent w/ Electronic Ballast Replacement - Existing - GSD	0.40	0.36	0.15
4' Fluorescent w/ Electronic Ballast Replacement - Existing - GSLD	0.40	0.36	0.15
8' Fluorescent w/ Electronic Ballast Replacement - Existing - GSND	0.25	1.57	0.37
8' Fluorescent w/ Electronic Ballast Replacement - Existing - GSD	0.27	1.44	0.37
8' Fluorescent w/ Electronic Ballast Replacement - Existing - GSLD	0.27	1.46	0.37
4' T8 Lamp Replacement - Existing - GSND	0.17	1.18	0.19
4' T8 Lamp Replacement - Existing - GSD	0.18	1.10	0.19
4' T8 Lamp Replacement - Existing - GSLD	0.18	1.12	0.19
4' Fluorescent with Reflector Replacement - Existing - GSND	0.28	3.39	0.77
4' Fluorescent with Reflector Replacement - Existing - GSD	0.30	3.09	0.77
4' Fluorescent with Reflector Replacement - Existing - GSLD	0.30	3.13	0.77
4' T8 Fluorescent with Reflector Replacement - Existing - GSND	0.29	3.98	0.93
4' T8 Fluorescent with Reflector Replacement - Existing - GSD	0.31	3.62	0.93
4' T8 Fluorescent with Reflector Replacement - Existing - GSLD	0.31	3.67	0.93
4' 34W w/ Reflector Replacement - Existing - GSND	0.28	3.74	0.86
4' 34W w/ Reflector Replacement - Existing - GSD	0.31	3.41	0.86
4' 34W w/ Reflector Replacement - Existing - GSLD	0.31	3.45	0.86
8' 75W Delamping w/ Reflector Kit - Existing - GSND	0.30	3.50	0.90
8' 75W Delamping w/ Reflector Kit - Existing - GSD	0.33	3.18	0.90
8' 75W Delamping w/ Reflector Kit - Existing - GSLD	0.32	3.22	0.90
High Pressure Sodium (70W/100W/150W/250W) Replacement - Existing - GSND	0.36	0.37	0.13
High Pressure Sodium (70W/100W/150W/250W) Replacement - Existing - GSD	0.42	0.31	0.13
High Pressure Sodium (70W/100W/150W/250W) Replacement - Existing - GSLD	0.42	0.31	0.13

Revised Table C.7-10 (Continued)			
Updated FIRE Model Cost-Effectiveness Results for Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Outdoor High Pressure Sodium (70W) Replacement - Existing - GSND	0.35	0.34	0.12
Outdoor High Pressure Sodium (70W) Replacement - Existing - GSD	0.41	0.30	0.12
Outdoor High Pressure Sodium (70W) Replacement - Existing - GSLD	0.41	0.30	0.12
Water Heating Efficiency Measures			
DWH Insulation - Existing - GSND	0.32	17.17	1.58
DWH Insulation - Existing - GSD	0.37	14.46	1.58
DWH Insulation - Existing - GSLD	0.37	14.34	1.58
DWH Heat Trap - Existing - GSND	0.11	1.00	0.20
DWH Heat Trap - Existing - GSD	0.36	1.00	1.01
DWH Heat Trap - Existing - GSLD	0.30	1.00	0.62
Off-Peak Battery Charging - FPL - Existing - GSD	-0.34	1.80	-0.55
Off-Peak Battery Charging - FPL - Existing - GSLD	-0.26	2.46	-0.55

Revised Table B.7-7 Updated FIRE Model Cost-Effectiveness Results for New and Existing Residential Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Appliance Efficiency Measures			
Efficient Clothes Washer - Existing - Residential	0.39	1.19	0.46
Efficient Clothes Washer - New - Residential	0.39	1.33	0.51
Energy Efficient Refrigerator (Frost-Free) - Existing - Residential	0.33	0.57	0.19
Energy Efficient Refrigerator (Frost-Free) - New - Residential	0.26	1.66	0.38
Energy Efficient Refrigerator (Manual) - Existing - Residential	0.32	0.68	0.23
Energy Efficient Refrigerator (Manual) - New - Residential	0.26	1.51	0.35
Building Envelope Measures			
Light Colored Roof Material - Existing - Residential	0.37	0.20	0.07
Light Colored Roof Material - New - Residential	0.37	0.81	0.31
Direct Load Control Measures			
On-Call Direct Load Control - Existing - Residential	0.21	1.00	0.38
On-Call Direct Load Control - New - Residential	0.21	1.00	0.38
HVAC Efficiency Measures			
High Efficiency Central Air Conditioning- Existing - Residential	0.30	0.48	0.14
High Efficiency Central Air Conditioning- New - Residential	0.14	1.00	0.25
High Efficiency Room Air Conditioning- Existing - Residential	0.36	0.52	0.19
High Efficiency Room Air Conditioning- New - Residential	0.36	5.25	1.63
Lighting Measures			
Compact Fluorescent Lights - Existing - Residential	0.28	55.40	1.04
Compact Fluorescent Lights - New - Residential	0.36	22.16	3.78
High Pressure Sodium Lighting (Outdoor) - Existing - Residential	0.27	4.88	0.78
High Pressure Sodium Lighting (Outdoor) - New - Residential	0.29	4.88	0.89
Water Heating Efficiency Measures			
DWH Pipe Insulation - Existing - Residential	0.22	0.55	0.15
DWH Pipe Insulation - New - Residential	0.22	0.16	0.05
High Efficiency Electric Water Heater - Existing - Residential	0.43	1.07	0.46
High Efficiency Electric Water Heater - New - Residential	0.29	1.00	0.60
Add-On Heat Pump Water Heater - Existing - Residential	0.31	2.07	0.64
Add-On Heat Pump Water Heater - New - Residential	0.31	2.75	0.84
Heat Recovery Water Heater - Existing - Residential	0.31	1.76	0.54
Heat Recovery Water Heater - New - Residential	0.31	1.76	0.54
Supplemental Solar Water Heater - Existing - Residential	0.32	0.31	0.10
Supplemental Solar Water Heater - New - Residential	0.32	0.31	0.10

Revised Table B.7-8 Updated FIRE Model Cost-Effectiveness Results for Existing Residential Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Appliance Efficiency Measures			
High Efficiency Pool Pump - Existing - Residential	0.28	0.25	0.09
Low-Flow Showerhead - Existing - Residential	0.30	37.12	3.36
Energy Efficient Freezer (Manual) - Existing - Residential	0.31	0.84	0.27
Appliance Removal Measures			
Remove Second Freezer - Existing - Residential	0.31	1.00	8.20
Remove Second Refrigerator - Existing - Residential	0.31	1.00	8.94
Building Envelope Measures			
Ceiling Insulation (R0-R19) - Existing - Residential	0.37	2.26	0.80
Ceiling Insulation (R19-R30) - Existing - Residential	0.35	0.93	0.33
Low Emissivity Glass - Existing - Residential	0.37	1.74	0.64
Window Film / Reflective Windows - Existing - Residential	0.36	1.16	0.42
Window Shade Screens - Existing - Residential	0.38	2.10	0.79
HVAC Efficiency Measures			
Air Conditioning System Maintenance - Existing - Residential	0.10	6.60	0.30
Water Heating Efficiency Measures			
Domestic Water Heater Heat Trap - Existing - Residential	0.15	1.00	0.36
Domestic Water Heater Tank Insulation - Existing - Residential	0.26	6.82	0.84

Revised Table B.7-9 Updated FIRE Model Cost-Effectiveness Results for New and Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Appliance Efficiency Measures			
Energy Efficient Electric Fryer - Existing - GSND	0.42	0.23	0.10
Energy Efficient Electric Fryer - Existing - GSD	0.42	0.23	0.10
Energy Efficient Electric Fryer - Existing - GSLD	0.42	0.23	0.10
Energy Efficient Electric Fryer - New - GSND	0.42	0.81	0.35
Energy Efficient Electric Fryer - New - GSD	0.42	0.81	0.35
Energy Efficient Electric Fryer - New - GSLD	0.42	0.81	0.35
Direct Load Control Measures			
Business On-Call Direct Load Control - Existing - GSND	0.15	1.00	1.10
Business On-Call Direct Load Control - Existing - GSD	0.17	1.00	5.55
Business On-Call Direct Load Control - Existing - GSLD	0.17	1.00	5.55
Business On-Call Direct Load Control - New - GSND	0.15	1.00	1.10
Business On-Call Direct Load Control - New - GSD	0.17	1.00	5.55
Business On-Call Direct Load Control - New - GSLD	0.17	1.00	5.55
Heating, Ventilation, and Air Conditioning Efficiency Measures			
High Efficiency Chiller - Existing - GSD	0.45	1.51	0.68
High Efficiency Chiller - Existing - GSLD	0.45	0.50	0.23
High Efficiency Chiller - New - GSD	0.45	9.27	4.12
High Efficiency Chiller - New - GSLD	0.45	2.56	1.15
High Efficiency Chiller w/ASD - Existing - GSD	0.45	2.99	1.34
High Efficiency Chiller w/ASD - Existing - GSLD	0.45	3.18	1.43
High Efficiency Chiller w/ASD - New - GSD	0.45	2.99	1.34
High Efficiency Chiller w/ASD - New - GSLD	0.45	3.18	1.43
High Efficiency DX Air ConditioningUnits - Existing - GSND	0.44	0.81	0.36
High Efficiency DX Air ConditioningUnits - Existing - GSD	0.45	0.63	0.28
High Efficiency DX Air ConditioningUnits - Existing - GSLD	0.45	0.69	0.31
High Efficiency DX Air ConditioningUnits - New - GSND	0.46	1.36	0.62
High Efficiency DX Air ConditioningUnits - New - GSD	0.45	0.53	0.24
High Efficiency DX Air ConditioningUnits - New - GSLD	0.45	1.01	0.46
High Efficiency Room Air ConditioningUnits - Existing - GSND	0.43	1.63	0.69
High Efficiency Room Air ConditioningUnits - New - GSND	0.38	1.00	1.55
High Efficiency Motors - Chiller - Existing - GSD	0.45	1.65	0.74
High Efficiency Motors - Chiller - Existing - GSLD	0.45	1.64	0.74
High Efficiency Motors - Chiller - New - GSD	0.45	9.90	4.28

Revised Table B.7-9 (Continued)			
Updated FIRE Model Cost-Effectiveness Results for New and Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
High Efficiency Motors - Chiller - New - GSLD	0.45	9.87	4.28
High Efficiency Motors - DX Air Conditioning- New - GSND	0.46	5.17	1.98
High Efficiency Motors - DX Air Conditioning- New - GSD	0.44	12.84	4.61
High Efficiency Motors - DX Air Conditioning- New - GSLD	0.45	12.29	5.23
High Efficiency Motors - DX Air Conditioning- Existing - GSND	0.42	1.04	0.44
High Efficiency Motors - DX Air Conditioning- Existing - GSD	0.44	2.14	0.92
High Efficiency Motors - DX Air Conditioning- Existing - GSLD	0.45	2.05	0.91
Leak Free Ducts - Existing - GSND	0.42	0.48	0.21
Leak Free Ducts - Existing - GSD	0.44	0.48	0.21
Leak Free Ducts - Existing - GSLD	0.45	0.48	0.21
Leak Free Ducts - New - GSND	0.39	0.18	0.08
Leak Free Ducts - New - GSD	0.43	0.18	0.08
Leak Free Ducts - New - GSLD	0.45	0.18	0.08
Cool Thermal Storage - Existing - GSD	0.36	2.38	0.45
Cool Thermal Storage - Existing - GSLD	0.36	2.36	0.45
Cool Thermal Storage - New - GSD	0.36	2.06	0.39
Cool Thermal Storage - New - GSLD	0.36	1.65	0.31
Lighting Measures			
Incandescent Replacement w/ Compact Fluorescent - Existing - GSND	0.46	33.95	7.54
Incandescent Replacement w/ Compact Fluorescent - Existing - GSD	0.46	33.83	7.54
Incandescent Replacement w/ Compact Fluorescent - Existing - GSLD	0.46	33.76	7.54
Incandescent Replacement w/ Compact Fluorescent - New - GSND	0.47	33.95	10.78
Incandescent Replacement w/ Compact Fluorescent - New - GSD	0.47	33.83	10.78
Incandescent Replacement w/ Compact Fluorescent - New - GSLD	0.47	33.76	10.78
Incandescent Replacement w/ 2x18W Compact Fluorescent - Existing - GSND	0.43	8.68	2.58
Incandescent Replacement w/ 2x18W Compact Fluorescent - Existing - GSD	0.43	8.65	2.58
Incandescent Replacement w/ 2x18W Compact Fluorescent - Existing - GSLD	0.43	8.63	2.58
Incandescent Replacement w/ 2x18W Compact Fluorescent - New - GSND	0.45	5.90	2.58
Incandescent Replacement w/ 2x18W Compact Fluorescent - New - GSD	0.45	5.88	2.58
Incandescent Replacement w/ 2x18W Compact Fluorescent - New - GSLD	0.45	5.87	2.58

Revised Table B.7-9 (Continued)			
Updated FIRE Model Cost-Effectiveness Results for New and Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Water Heating Efficiency Measures			
Heat Pump Water Heater - Existing - GSND	0.27	1.00	0.93
Heat Pump Water Heater - Existing - GSD	0.29	1.00	1.42
Heat Pump Water Heater - Existing - GSLD	0.32	1.00	1.16
Heat Pump Water Heater - New - GSND	0.33	1.00	1.94
Heat Pump Water Heater - New - GSD	0.31	1.00	2.15
Heat Pump Water Heater - New - GSLD	0.35	1.00	1.63
Heat Recovery Water Heater - Existing - GSND	0.34	1.00	1.13
Heat Recovery Water Heater - Existing - GSD	0.47	2.75	1.23
Heat Recovery Water Heater - Existing - GSLD	0.47	2.75	1.23
Heat Recovery Water Heater - New - GSND	0.46	2.77	1.23
Heat Recovery Water Heater - New - GSD	0.47	2.75	1.23
Heat Recovery Water Heater - New - GSLD	0.47	2.75	1.23

Revised Table B.7-10 Updated FIRE Model Cost-Effectiveness Results for Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Appliance Efficiency Measures			
Low or Variable Flow Showerhead - Existing - GSND	0.47	184.29	9.44
Low or Variable Flow Showerhead - Existing - GSD	0.48	183.75	9.44
Low or Variable Flow Showerhead - Existing - GSLD	0.48	183.44	9.44
Multiplex Refrigeration with No Subcooling - Existing - GSD	0.53	0.47	0.25
Multiplex Refrigeration with No Subcooling - Existing - GSLD	0.53	0.47	0.25
Multiplex Refrigeration with Ambient Subcooling - Existing - GSD	0.53	0.52	0.27
Multiplex Refrigeration with Ambient Subcooling - Existing - GSLD	0.53	0.52	0.27
Multiplex Refrigeration with Mechanical Subcooling - Existing - GSD	0.27	0.11	0.03
Multiplex Refrigeration with Mechanical Subcooling - Existing - GSLD	0.27	0.11	0.03
Multiplex Refrigeration: Ambient and Mechanical Subcooling - Existing - GSD	0.53	0.00	0.90
Multiplex Refrigeration: Ambient and Mechanical Subcooling - Existing - GSLD	0.53	0.00	0.90
Building Envelope Measures			
Light Colored Roof - Air Chiller - Existing - GSD	0.45	3.21	1.43
Light Colored Roof - Air Chiller - Existing - GSLD	0.45	1.28	0.58
Light Colored Roof - DX Air Conditioning- Existing - GSND	0.44	0.41	0.18
Light Colored Roof - DX Air Conditioning- Existing - GSD	0.45	0.82	0.36
Light Colored Roof - DX Air Conditioning- Existing - GSLD	0.45	0.81	0.37
Light Colored Roof - Water Chiller - Existing - GSD	0.45	2.62	1.17
Light Colored Roof - Water Chiller - Existing - GSLD	0.45	0.86	0.39
Roof Insulation - Chiller - Existing - GSD	0.44	0.40	0.18
Roof Insulation - Chiller - Existing - GSLD	0.45	0.08	0.04
Roof Insulation - DX Air Conditioning- Existing - GSND	0.44	0.66	0.29
Roof Insulation - DX Air Conditioning- Existing - GSD	0.44	0.33	0.15
Roof Insulation - DX Air Conditioning- Existing - GSLD	0.45	0.07	0.03
Window Film - Chiller - Existing - GSD	0.44	3.31	1.43
Window Film - Chiller - Existing - GSLD	0.44	3.30	1.43
Window Film - DX Air Conditioning- Existing - GSND	0.23	1.00	0.40
Window Film - DX Air Conditioning- Existing - GSD	0.44	3.79	1.64
Window Film - DX Air Conditioning- Existing - GSLD	0.45	3.78	1.64

Revised Table B.7-10 (Continued)			
Updated FIRE Model Cost-Effectiveness Results for Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
HVAC Efficiency Measures			
2-Speed Motor for Cooling Tower - Existing - GSD	0.44	3.42	1.40
2-Speed Motor for Cooling Tower - Existing - GSLD	0.44	3.41	1.40
Speed Control for Cooling Tower Motors - Existing - GSD	0.44	1.22	0.53
Speed Control for Cooling Tower Motors - Existing - GSLD	0.44	1.22	0.53
Lighting Measures			
4' Fluorescent w/ Electronic Ballast Replacement - Existing - GSND	0.47	0.54	0.26
4' Fluorescent w/ Electronic Ballast Replacement - Existing - GSD	0.47	0.54	0.26
4' Fluorescent w/ Electronic Ballast Replacement - Existing - GSLD	0.48	0.54	0.26
8' Fluorescent w/ Electronic Ballast Replacement - Existing - GSND	0.37	2.02	0.69
8' Fluorescent w/ Electronic Ballast Replacement - GSD	0.37	2.02	0.69
8' Fluorescent w/ Electronic Ballast Replacement - GSLD	0.38	2.01	0.69
4' T8 Lamp Replacement - Existing - GSND	0.27	1.44	0.36
4' T8 Lamp Replacement - Existing - GSD	0.27	1.43	0.36
4' T8 Lamp Replacement - Existing - GSLD	0.27	1.43	0.36
4' Fluorescent with Reflector Replacement - Existing - GSND	0.40	4.41	1.42
4' Fluorescent with Reflector Replacement - Existing - GSD	0.40	4.40	1.42
4' Fluorescent with Reflector Replacement - Existing - GSLD	0.40	4.39	1.42
4' T8 Fluorescent with Reflector Replacement - Existing - GSND	0.41	5.21	1.70
4' T8 Fluorescent with Reflector Replacement - Existing - GSD	0.41	5.19	1.70
4' T8 Fluorescent with Reflector Replacement - Existing - GSLD	0.42	5.18	1.70
4' 34W w/ Reflector Replacement - Existing - GSND	0.41	4.89	1.59
4' 34W w/ Reflector Replacement - Existing - GSD	0.41	4.87	1.59
4' 34W w/ Reflector Replacement - Existing - GSLD	0.41	4.86	1.59
8' 75W Delamping w/ Reflector Kit - Existing - GSND	0.43	4.61	1.65
8' 75W Delamping w/ Reflector Kit - Existing - GSD	0.43	4.60	1.65
8' 75W Delamping w/ Reflector Kit - Existing - GSLD	0.43	4.59	1.65
High Pressure Sodium (70W/100W/150W/250W) Replacement - Existing - GSND	0.49	0.47	0.23
High Pressure Sodium (70W/100W/150W/250W) Replacement - Existing - GSD	0.49	0.47	0.23
High Pressure Sodium (70W/100W/150W/250W) Replacement - Existing - GSLD	0.49	0.47	0.23
Outdoor High Pressure Sodium (70W) Replacement - Existing - GSND	0.47	0.44	0.21

Revised Table B.7-10 (Continued)			
Updated FIRE Model Cost-Effectiveness Results for Existing Commercial & Industrial Conservation and DSM Measures			
Measure	Rate Impact Test	Participant Test	Total Resource Test
Outdoor High Pressure Sodium (70W) Replacement - Existing - GSD	0.48	0.44	0.21
Outdoor High Pressure Sodium (70W) Replacement - Existing - GSLD	0.48	0.44	0.21
Water Heating Efficiency Measures			
DWH Insulation - Existing - GSND	0.44	21.70	2.65
DWH Insulation - Existing - GSD	0.44	21.64	2.65
DWH Insulation - Existing - GSLD	0.44	21.60	2.65
DWH Heat Trap - Existing - GSND	0.20	1.00	0.44
DWH Heat Trap - Existing - GSD	0.38	1.00	1.39
DWH Heat Trap - Existing - GSLD	0.32	1.00	0.85
Off-Peak Battery Charging - FPL - Existing - GSD	0.23	2.63	0.52
Off-Peak Battery Charging - FPL - Existing - GSLD	0.23	2.61	0.52

Revised Table A.6-37
Updated Capital Costs, O&M Costs, and Schedules for the Generating Alternatives (All Costs in 2006 Dollars)

Supply Alternative	EPC Cost (\$Millions)	Owner's Cost (\$Millions)	Total Cost (\$Millions)	Total Cost (\$/kW) at 70° F	Fixed O&M (\$/kW-yr)	Variable O&M (\$/MWh)	Construction Schedule (Months)	Scheduled Maintenance (days)	Forced Outage (percent)
Joint Ownership Options									
3x1 GE 7FA	421.2	126.4	547.7	725.5	4.89	4.29	36	17	3.0
Three-Train 1x1 GE IGCC	1,687.6	506.2	2,193.9	2,763.3	38.41	5.86	53	22	10.0
FMPA Brownfield Options									
GE LM6000 SC	34.7	8.7	43.5	916.2	16.84	3.18	12	10	2.0
GE LMS100 SC	58.7	14.7	73.4	760.0	8.80	3.91	17	10	2.0
GE 7EA SC	45.8	11.5	57.3	730.1	9.05	18.31	13	10	2.0
GE 7FA SC	64.8	16.2	81.1	506.2	4.82	24.71	14	10	2.0
1x1 GE 7FA CC	176.7	53.1	229.8	768.0	6.13	4.36	30	14	3.0
JEA Brownfield Options⁽¹⁾									
GE LMS100 SC	58.4	14.6	72.9	755.4	8.80	3.91	17	10	2.0
GE 7FA SC	64.2	16.1	80.3	501.6	4.82	24.71	14	10	2.0
1x1 GE 7FA CC	175.7	52.8	228.5	764.6	6.13	4.36	30	14	3.0
250 MW CFB	502.8	150.8	653.6	2,607.6	32.29	5.09	41	21	5.0
Single-Train 1x1 GE IGCC	658.1	197.4	855.5	2,970.5	40.71	5.86	38	22	10.0
RCID Brownfield Option									
1x1 GE LM6000 CC	63.2	18.9	82.1	1,385.7	25.79	2.74	18	10	3.0
FMPA Greenfield Options									
GE LM6000 SC	36.7	9.2	45.9	971.3	22.67	3.18	12	10	2.0
GE LMS100 SC	61.9	15.5	77.4	801.4	11.66	3.91	17	10	2.0
GE 7EA SC	50.3	12.7	62.9	801.4	14.51	18.31	13	10	2.0
GE 7FA SC	69.1	17.4	86.5	539.6	7.50	24.71	14	10	2.0
1x1 GE 7FA CC	190.7	57.2	248.0	830.0	9.07	4.36	33	14	3.0
250 MW CFB	535.7	160.7	696.4	2,778.6	38.15	3.64	44	21	5.0

Revised Table A.6-37 (Continued)
Updated Capital Costs, O&M Costs, and Schedules for the Generating Alternatives (All Costs in 2006 Dollars)

Supply Alternative	EPC Cost (\$Millions)	Owner's Cost (\$Millions)	Total Cost (\$Millions)	Total Cost (\$/kW) at 70° F	Fixed O&M (\$/kW-yr)	Variable O&M (\$/MWh)	Construction Schedule (Months)	Scheduled Maintenance (days)	Forced Outage (percent)
FMPA Greenfield Options (continued)									
Single-Train 1x1 GE IGCC	670.3	201.1	871.4	3,472.3	40.71	5.86	41	22	10.0
JEA Greenfield Options									
GE LMS100 SC	61.3	15.3	76.6	794.4	11.66	3.91	17	10	2.0
GE 7FA SC	68.7	17.2	85.9	536.1	7.50	24.71	14	10	2.0
1x1 GE 7FA CC	189.2	56.7	245.8	823.1	9.07	4.36	33	14	3.0
250 MW CFB	529.9	158.9	688.8	2,749.1	38.15	3.64	44	21	5.0
Tallahassee Greenfield Options									
GE LM6000 SC	36.3	9.1	45.4	907.0	22.67	3.18	12	10	2.0
GE LMS100 SC	59.4	14.9	74.3	769.4	11.66	3.91	17	10	2.0
GE 7EA SC	49.6	12.4	62.0	790.9	14.51	18.31	13	10	2.0
GE 7FA SC	67.8	17.0	84.8	549.9	7.50	24.71	14	10	2.0
1x1 GE LM6000 CC	66.6	20.0	86.7	1,464.3	25.79	2.74	18	10	3.0
1x1 GE 7FA CC	187.2	56.1	243.3	813.9	9.07	4.36	33	14	3.0
250 MW CFB	522.5	156.7	679.2	2,709.7	38.15	3.64	44	21	5.0
Single-Train 1x1 GE IGCC	670.3	201.1	871.4	3,472.3	40.71	5.86	41	22	10.0

⁽¹⁾JEA's brownfield options do not include anticipated costs for transmission and gas pipeline system upgrades.

Table B.5-5 Expansion Plan Economic Summary - With TEC COD May 1, 2012

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coak: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LM5100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/12	808,391	58,641
CRB	696,360	44	05/01/14	893,999	64,851
LM6000	43,456	12	05/01/19	61,125	5,484
CRB	696,360	44	05/01/20	1,036,812	75,210

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$54,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603
2009	\$341,429	\$30,474	\$0	\$371,903	\$0	\$0	\$0	\$0	\$0	\$0	\$371,903	\$1,564,866
2010	\$292,771	\$30,231	\$0	\$323,001	\$0	\$0	\$0	\$0	\$0	\$0	\$323,001	\$1,830,600
2011	\$305,290	\$33,352	\$645	\$339,287	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$344,413	\$2,100,457
2012	\$280,003	\$27,323	\$6,482	\$313,808	\$46,891	\$973	\$0	\$0	\$592	\$48,455	\$362,264	\$2,370,784
2013	\$287,725	\$22,944	\$9,404	\$320,073	\$66,277	\$997	\$0	\$0	\$924	\$68,198	\$388,271	\$2,646,721
2014	\$285,963	\$22,849	\$17,458	\$326,269	\$109,807	\$1,022	\$0	\$0	\$966	\$111,795	\$438,064	\$2,943,220
2015	\$296,457	\$23,756	\$21,820	\$342,032	\$131,128	\$1,047	\$0	\$0	\$1,009	\$133,185	\$475,214	\$3,249,549
2016	\$316,365	\$25,228	\$22,365	\$363,958	\$131,128	\$1,073	\$0	\$0	\$1,055	\$133,256	\$497,214	\$3,554,795
2017	\$332,390	\$26,810	\$22,924	\$382,124	\$131,128	\$1,100	\$0	\$0	\$1,102	\$133,330	\$515,455	\$3,856,171
2018	\$350,569	\$28,250	\$23,497	\$402,316	\$131,128	\$1,128	\$0	\$0	\$1,152	\$133,408	\$535,724	\$4,154,482
2019	\$376,687	\$30,044	\$24,822	\$431,552	\$134,809	\$1,156	\$0	\$0	\$1,204	\$137,169	\$568,721	\$4,456,087
2020	\$368,068	\$30,715	\$34,880	\$433,663	\$186,958	\$1,185	\$0	\$0	\$1,258	\$189,400	\$623,064	\$4,770,776
2021	\$372,308	\$32,392	\$40,304	\$445,003	\$211,823	\$1,215	\$0	\$0	\$1,314	\$214,351	\$659,394	\$5,067,937
2022	\$395,746	\$34,093	\$41,311	\$471,150	\$211,823	\$1,245	\$0	\$0	\$1,373	\$214,441	\$685,591	\$5,402,014
2023	\$431,785	\$36,114	\$42,344	\$510,243	\$211,823	\$1,276	\$0	\$0	\$1,435	\$214,534	\$724,776	\$5,716,232
2024	\$472,367	\$38,203	\$43,403	\$553,974	\$211,823	\$1,308	\$0	\$0	\$1,500	\$214,630	\$768,604	\$6,037,603
2025	\$509,029	\$40,511	\$44,488	\$594,028	\$211,823	\$1,341	\$0	\$0	\$1,567	\$214,730	\$808,758	\$6,357,656
2026	\$529,349	\$42,109	\$45,600	\$617,058	\$211,823	\$1,374	\$0	\$0	\$1,638	\$214,834	\$831,892	\$6,671,187
2027	\$543,760	\$43,456	\$46,740	\$633,956	\$211,823	\$1,408	\$0	\$0	\$1,712	\$214,943	\$848,899	\$6,975,093
2028	\$570,398	\$44,745	\$47,908	\$663,052	\$211,823	\$1,444	\$0	\$0	\$1,789	\$215,055	\$878,106	\$7,276,073
2029	\$594,686	\$46,264	\$49,106	\$690,056	\$211,823	\$1,480	\$0	\$0	\$1,869	\$215,171	\$905,227	\$7,570,790
2030	\$611,863	\$47,997	\$50,334	\$709,594	\$211,823	\$1,517	\$0	\$0	\$1,953	\$215,292	\$924,886	\$7,857,567
2031	\$640,558	\$48,704	\$51,582	\$740,855	\$206,697	\$1,555	\$0	\$0	\$2,041	\$210,292	\$951,147	\$8,138,443
2032	\$668,561	\$50,281	\$52,882	\$771,724	\$204,186	\$1,594	\$0	\$0	\$2,133	\$207,912	\$979,636	\$8,413,957
2033	\$688,517	\$51,345	\$54,204	\$794,065	\$204,186	\$1,633	\$0	\$0	\$2,229	\$208,048	\$1,002,113	\$8,682,372
2034	\$720,420	\$52,600	\$55,559	\$828,579	\$204,186	\$1,674	\$0	\$0	\$2,329	\$208,189	\$1,036,768	\$8,946,844
2035	\$753,874	\$54,133	\$56,948	\$864,955	\$204,186	\$1,716	\$0	\$0	\$2,434	\$208,336	\$1,073,291	\$9,207,587

Table B.1-1 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Fuel Price

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	High Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/12	808,753	58,067
CFB	696,360	44	05/01/14	893,999	64,851
CFB	696,360	44	05/01/19	1,011,478	73,373
LM6000	43,456	12	05/01/25	70,886	6,360

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$413,241	\$70,683	\$0	\$483,924	\$0	\$0	\$0	\$0	\$0	\$0	\$483,924	\$483,924
2007	\$433,041	\$54,482	\$0	\$487,523	\$0	\$0	\$0	\$0	\$0	\$0	\$487,523	\$948,231
2008	\$469,600	\$30,993	\$0	\$500,593	\$0	\$0	\$0	\$0	\$0	\$0	\$500,593	\$1,402,284
2009	\$430,834	\$31,549	\$0	\$462,383	\$0	\$0	\$0	\$0	\$0	\$0	\$462,383	\$1,801,707
2010	\$338,169	\$34,039	\$0	\$372,209	\$0	\$0	\$0	\$0	\$0	\$0	\$372,209	\$2,107,924
2011	\$353,561	\$36,355	\$645	\$390,560	\$5,126	\$0	\$0	\$0	\$5,126	\$5,126	\$395,686	\$2,417,955
2012	\$315,659	\$31,471	\$6,482	\$353,612	\$46,908	\$973	\$0	\$0	\$592	\$48,473	\$402,085	\$2,717,997
2013	\$326,152	\$23,877	\$9,404	\$359,432	\$66,304	\$987	\$0	\$0	\$924	\$68,225	\$427,657	\$3,021,924
2014	\$320,732	\$22,855	\$17,458	\$361,045	\$109,834	\$1,022	\$0	\$0	\$966	\$111,821	\$472,866	\$3,341,974
2015	\$333,633	\$23,742	\$21,820	\$379,195	\$131,154	\$1,047	\$0	\$0	\$1,009	\$133,211	\$512,405	\$3,672,280
2016	\$357,380	\$25,257	\$22,365	\$405,002	\$131,154	\$1,073	\$0	\$0	\$1,055	\$133,282	\$538,285	\$4,002,740
2017	\$380,448	\$26,875	\$22,924	\$430,247	\$131,154	\$1,100	\$0	\$0	\$1,102	\$133,357	\$563,604	\$4,332,268
2018	\$406,236	\$28,270	\$23,497	\$458,003	\$131,154	\$1,128	\$0	\$0	\$1,152	\$133,434	\$591,437	\$4,661,602
2019	\$392,201	\$29,228	\$32,931	\$454,359	\$180,404	\$1,156	\$0	\$0	\$1,204	\$182,764	\$637,123	\$4,999,482
2020	\$409,957	\$30,859	\$38,196	\$479,011	\$204,527	\$1,185	\$0	\$0	\$1,258	\$206,970	\$685,981	\$5,345,949
2021	\$438,196	\$32,424	\$39,151	\$509,770	\$204,527	\$1,215	\$0	\$0	\$1,314	\$207,056	\$716,826	\$5,690,754
2022	\$474,432	\$34,195	\$40,129	\$548,757	\$204,527	\$1,245	\$0	\$0	\$1,373	\$207,145	\$755,902	\$6,037,042
2023	\$503,634	\$36,183	\$41,133	\$580,950	\$204,527	\$1,276	\$0	\$0	\$1,435	\$207,238	\$788,188	\$6,380,926
2024	\$544,686	\$38,082	\$42,161	\$624,929	\$204,527	\$1,308	\$0	\$0	\$1,500	\$207,335	\$832,264	\$6,726,748
2025	\$591,034	\$40,879	\$44,069	\$675,982	\$208,796	\$1,341	\$0	\$0	\$1,567	\$211,704	\$887,686	\$7,078,036
2026	\$616,101	\$42,723	\$45,600	\$704,424	\$210,887	\$1,374	\$0	\$0	\$1,638	\$213,899	\$918,323	\$7,424,142
2027	\$634,474	\$43,910	\$46,740	\$725,124	\$210,887	\$1,408	\$0	\$0	\$1,712	\$214,007	\$939,130	\$7,761,236
2028	\$666,749	\$45,267	\$47,908	\$759,925	\$210,887	\$1,444	\$0	\$0	\$1,789	\$214,119	\$974,044	\$8,084,212
2029	\$699,051	\$46,658	\$49,106	\$794,815	\$210,887	\$1,480	\$0	\$0	\$1,869	\$214,236	\$1,009,051	\$8,422,731
2030	\$722,486	\$47,672	\$50,334	\$820,492	\$210,887	\$1,517	\$0	\$0	\$1,953	\$214,357	\$1,034,849	\$8,743,604
2031	\$757,954	\$48,816	\$51,592	\$858,363	\$205,761	\$1,555	\$0	\$0	\$2,041	\$208,367	\$1,067,719	\$9,058,904
2032	\$795,133	\$50,253	\$52,882	\$898,268	\$203,250	\$1,594	\$0	\$0	\$2,133	\$208,977	\$1,105,245	\$9,369,744
2033	\$823,305	\$51,368	\$54,204	\$927,877	\$203,250	\$1,633	\$0	\$0	\$2,229	\$207,112	\$1,134,980	\$9,673,749
2034	\$863,910	\$52,598	\$55,559	\$972,067	\$203,250	\$1,674	\$0	\$0	\$2,329	\$207,253	\$1,179,320	\$9,974,586
2035	\$906,491	\$54,134	\$56,948	\$1,017,573	\$203,250	\$1,716	\$0	\$0	\$2,434	\$207,400	\$1,224,973	\$10,272,189

Table B.1-2 Expansion Plan Economic Summary - Without Taylor Energy Center in 2012 - High Fuel Price

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	High Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions					
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
LMS100	73,360	17	05/01/11	85,117	7,637	
CFB	696,360	44	05/01/12	850,960	61,729	
CFB	696,360	44	05/01/14	893,999	64,851	
CFB	696,360	44	05/01/18	986,808	71,583	
LMS100	73,360	17	05/01/24	117,340	8,512	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$413,241	\$70,683	\$0	\$483,924	\$0	\$0	\$0	\$0	\$0	\$483,924	\$483,924	
2007	\$433,041	\$54,482	\$0	\$487,523	\$0	\$0	\$0	\$0	\$0	\$487,523	\$948,231	
2008	\$469,600	\$30,993	\$0	\$500,593	\$0	\$0	\$0	\$0	\$0	\$500,593	\$1,402,284	
2009	\$430,834	\$31,549	\$0	\$462,383	\$0	\$0	\$0	\$0	\$0	\$462,383	\$1,801,707	
2010	\$338,169	\$34,039	\$0	\$372,209	\$0	\$0	\$0	\$0	\$0	\$372,209	\$2,107,924	
2011	\$353,561	\$36,355	\$645	\$390,560	\$5,126	\$0	\$0	\$0	\$0	\$395,686	\$2,417,955	
2012	\$327,943	\$36,299	\$8,427	\$372,629	\$48,958	\$0	\$0	\$0	\$0	\$48,958	\$2,732,549	
2013	\$345,654	\$30,770	\$12,374	\$388,798	\$69,365	\$0	\$0	\$0	\$0	\$69,365	\$3,058,158	
2014	\$339,195	\$29,090	\$20,503	\$388,787	\$112,895	\$0	\$0	\$0	\$0	\$112,895	\$3,397,716	
2015	\$350,039	\$30,057	\$24,941	\$405,037	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$3,745,323	
2016	\$374,766	\$31,827	\$25,564	\$432,157	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$4,093,027	
2017	\$399,311	\$33,968	\$26,203	\$459,082	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$4,438,916	
2018	\$383,771	\$34,422	\$35,489	\$453,682	\$182,265	\$0	\$0	\$0	\$0	\$182,265	\$4,794,035	
2019	\$394,719	\$36,064	\$40,709	\$471,492	\$205,799	\$0	\$0	\$0	\$0	\$205,799	\$5,153,217	
2020	\$428,350	\$37,822	\$41,727	\$507,898	\$205,799	\$0	\$0	\$0	\$0	\$205,799	\$5,513,682	
2021	\$459,919	\$39,652	\$42,770	\$542,341	\$205,799	\$0	\$0	\$0	\$0	\$205,799	\$5,873,551	
2022	\$496,426	\$41,806	\$43,839	\$582,071	\$205,799	\$0	\$0	\$0	\$0	\$205,799	\$6,234,483	
2023	\$528,343	\$43,862	\$44,935	\$617,139	\$205,799	\$0	\$0	\$0	\$0	\$205,799	\$6,593,528	
2024	\$563,585	\$46,056	\$46,948	\$656,589	\$211,497	\$0	\$0	\$0	\$0	\$211,497	\$6,954,236	
2025	\$608,995	\$48,354	\$48,568	\$706,917	\$214,311	\$0	\$0	\$0	\$0	\$214,311	\$7,318,797	
2026	\$639,349	\$51,053	\$49,782	\$740,185	\$214,311	\$0	\$0	\$0	\$0	\$214,311	\$7,678,536	
2027	\$659,279	\$52,466	\$51,027	\$762,772	\$214,311	\$0	\$0	\$0	\$0	\$214,311	\$8,029,252	
2028	\$691,480	\$54,372	\$52,302	\$798,155	\$214,311	\$0	\$0	\$0	\$0	\$214,311	\$8,375,364	
2029	\$725,856	\$55,622	\$53,610	\$835,088	\$214,311	\$0	\$0	\$0	\$0	\$214,311	\$8,717,018	
2030	\$749,595	\$56,877	\$54,950	\$861,422	\$214,311	\$0	\$0	\$0	\$0	\$214,311	\$9,050,568	
2031	\$785,510	\$58,606	\$56,324	\$900,440	\$209,185	\$0	\$0	\$0	\$0	\$209,185	\$9,378,244	
2032	\$825,765	\$59,910	\$57,732	\$943,408	\$206,674	\$0	\$0	\$0	\$0	\$206,674	\$9,701,693	
2033	\$853,225	\$61,251	\$59,175	\$973,651	\$206,674	\$0	\$0	\$0	\$0	\$206,674	\$10,017,842	
2034	\$895,262	\$63,138	\$60,655	\$1,019,055	\$206,674	\$0	\$0	\$0	\$0	\$206,674	\$10,330,517	
2035	\$941,694	\$64,531	\$62,171	\$1,068,396	\$206,674	\$0	\$0	\$0	\$0	\$206,674	\$10,640,291	

Table B.1-3 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Fuel Price

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Low Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Monthly/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
LMS100	73,360	17	05/01/11	85,117	7,637	
TEC	NA	NA	05/01/12	805,991	58,467	
LMS100	73,360	17	05/01/14	91,662	8,224	
LMS100	73,360	17	05/01/15	93,953	8,430	
/FA CT	81,088	14	05/01/17	108,780	9,760	
CFB	696,360	44	05/01/21	1,062,684	77,087	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$312,342	\$59,953	\$0	\$372,294	\$0	\$0	\$0	\$0	\$0	\$0	\$372,294	\$372,294
2007	\$315,861	\$47,002	\$0	\$362,863	\$0	\$0	\$0	\$0	\$0	\$0	\$362,863	\$717,878
2008	\$330,722	\$28,197	\$0	\$358,919	\$0	\$0	\$0	\$0	\$0	\$0	\$358,919	\$1,043,428
2009	\$286,524	\$29,417	\$0	\$315,941	\$0	\$0	\$0	\$0	\$0	\$0	\$315,941	\$1,316,350
2010	\$249,410	\$26,365	\$0	\$275,775	\$0	\$0	\$0	\$0	\$0	\$0	\$275,775	\$1,543,230
2011	\$259,905	\$28,855	\$645	\$289,405	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$294,531	\$1,774,003
2012	\$240,457	\$24,401	\$6,482	\$271,341	\$46,774	\$973	\$0	\$0	\$592	\$48,339	\$319,679	\$2,012,553
2013	\$247,542	\$22,352	\$9,404	\$279,297	\$66,103	\$997	\$0	\$0	\$924	\$68,024	\$347,322	\$2,259,388
2014	\$270,118	\$23,197	\$10,334	\$303,648	\$71,823	\$1,022	\$0	\$0	\$968	\$73,611	\$377,259	\$2,514,731
2015	\$283,872	\$25,841	\$11,653	\$321,365	\$79,985	\$1,047	\$0	\$0	\$1,009	\$82,042	\$403,407	\$2,774,771
2016	\$303,774	\$26,124	\$12,302	\$342,200	\$87,757	\$1,073	\$0	\$0	\$1,055	\$84,885	\$427,085	\$3,036,964
2017	\$323,112	\$29,001	\$13,288	\$365,401	\$89,308	\$1,100	\$0	\$0	\$1,102	\$91,510	\$456,912	\$3,304,111
2018	\$341,409	\$30,524	\$13,961	\$385,894	\$92,516	\$1,128	\$0	\$0	\$1,152	\$94,796	\$480,690	\$3,571,777
2019	\$366,418	\$32,474	\$14,310	\$413,202	\$92,516	\$1,156	\$0	\$0	\$1,204	\$94,876	\$508,078	\$3,841,222
2020	\$393,156	\$34,338	\$14,668	\$442,162	\$92,516	\$1,185	\$0	\$0	\$1,258	\$94,959	\$537,121	\$4,112,504
2021	\$379,750	\$34,369	\$24,329	\$438,448	\$144,260	\$1,215	\$0	\$0	\$1,314	\$146,789	\$585,236	\$4,394,013
2022	\$391,323	\$35,549	\$29,603	\$456,475	\$169,604	\$1,245	\$0	\$0	\$1,373	\$172,222	\$628,696	\$4,682,026
2023	\$420,212	\$37,741	\$30,343	\$488,296	\$169,604	\$1,276	\$0	\$0	\$1,435	\$172,315	\$660,611	\$4,970,248
2024	\$446,523	\$39,707	\$31,102	\$517,331	\$169,604	\$1,308	\$0	\$0	\$1,500	\$172,411	\$689,742	\$5,256,851
2025	\$479,641	\$42,203	\$31,880	\$553,724	\$169,604	\$1,341	\$0	\$0	\$1,567	\$172,511	\$726,236	\$5,544,247
2026	\$497,760	\$43,334	\$32,677	\$573,770	\$169,604	\$1,374	\$0	\$0	\$1,638	\$172,615	\$746,386	\$5,825,552
2027	\$510,577	\$44,508	\$33,493	\$588,578	\$169,604	\$1,408	\$0	\$0	\$1,712	\$172,724	\$761,301	\$6,098,815
2028	\$531,514	\$46,149	\$34,331	\$611,993	\$169,604	\$1,444	\$0	\$0	\$1,789	\$172,836	\$784,829	\$6,367,109
2029	\$554,304	\$47,357	\$35,189	\$636,850	\$169,604	\$1,480	\$0	\$0	\$1,869	\$172,952	\$809,802	\$6,630,757
2030	\$571,893	\$48,325	\$36,069	\$656,287	\$169,604	\$1,517	\$0	\$0	\$1,953	\$173,073	\$829,360	\$6,887,915
2031	\$594,285	\$49,908	\$36,971	\$681,163	\$164,478	\$1,555	\$0	\$0	\$2,041	\$173,073	\$849,236	\$7,138,697
2032	\$619,740	\$51,224	\$37,895	\$708,859	\$161,967	\$1,594	\$0	\$0	\$2,133	\$165,693	\$874,553	\$7,384,657
2033	\$639,422	\$52,145	\$38,842	\$730,409	\$161,967	\$1,633	\$0	\$0	\$2,229	\$165,829	\$896,228	\$7,624,713
2034	\$665,415	\$53,742	\$39,813	\$758,970	\$156,447	\$1,674	\$0	\$0	\$2,329	\$160,450	\$919,420	\$7,859,251
2035	\$694,377	\$55,079	\$40,809	\$790,265	\$148,085	\$1,716	\$0	\$0	\$2,434	\$152,235	\$942,500	\$8,088,228

Table B.1-5 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Load and Energy Growth

Case Description	
Fuel Forecast:	Base Case
Load Forecast:	High Case

Economic Parameters	
CPW Discount Rate:	5.0%
Final Capital Escalation Rate:	2.5%
Base Year for CPW \$	2006

Financial Parameters	
Interest During Construction:	5.00%
Fixed Charge Rate CT: (20 year)	8.97%
Fixed Charge Rate CC: (25 year)	7.92%
Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LM6000	43,456	12	05/01/08	46,588	4,180
7FA CT	81,088	14	05/01/10	91,513	8,211
LMS100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/12	808,391	58,641
CFB	696,360	44	05/01/14	893,999	64,851
CFB	696,360	44	05/01/17	962,739	69,837
CFB	696,360	44	05/01/21	1,052,684	77,087
LM6000	43,456	12	05/01/25	70,886	6,360

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$435,009	\$61,083	\$0	\$496,092	\$0	\$0	\$0	\$0	\$0	\$0	\$496,092	\$496,092
2007	\$426,013	\$57,934	\$0	\$483,947	\$0	\$0	\$0	\$0	\$0	\$0	\$483,947	\$956,993
2008	\$440,088	\$32,057	\$562	\$472,707	\$2,798	\$0	\$0	\$0	\$0	\$2,798	\$475,505	\$1,388,291
2009	\$380,442	\$33,437	\$857	\$414,736	\$4,180	\$0	\$0	\$0	\$0	\$4,180	\$418,916	\$1,750,166
2010	\$319,640	\$34,119	\$1,450	\$355,209	\$9,691	\$0	\$0	\$0	\$0	\$9,691	\$364,900	\$2,050,370
2011	\$335,514	\$37,359	\$2,418	\$375,291	\$17,516	\$0	\$0	\$0	\$0	\$17,516	\$392,807	\$2,358,145
2012	\$310,247	\$31,627	\$9,299	\$350,174	\$59,281	\$973	\$0	\$0	\$592	\$60,846	\$411,020	\$2,664,854
2013	\$323,236	\$26,919	\$11,267	\$361,422	\$76,668	\$897	\$0	\$0	\$924	\$80,589	\$442,011	\$2,978,983
2014	\$322,571	\$26,815	\$19,367	\$368,753	\$122,198	\$1,022	\$0	\$0	\$966	\$124,185	\$492,938	\$3,312,623
2015	\$337,621	\$27,882	\$23,777	\$389,280	\$143,519	\$1,047	\$0	\$0	\$1,009	\$145,575	\$534,855	\$3,657,396
2016	\$363,775	\$30,041	\$24,371	\$418,188	\$143,519	\$1,073	\$0	\$0	\$1,055	\$145,647	\$563,834	\$4,003,541
2017	\$354,105	\$30,860	\$33,400	\$418,366	\$190,395	\$1,100	\$0	\$0	\$1,102	\$192,598	\$610,964	\$4,360,759
2018	\$362,345	\$32,560	\$38,463	\$433,367	\$213,356	\$1,128	\$0	\$0	\$1,152	\$215,635	\$649,002	\$4,722,148
2019	\$396,580	\$34,668	\$39,424	\$470,672	\$213,356	\$1,156	\$0	\$0	\$1,204	\$215,715	\$686,387	\$5,086,154
2020	\$428,715	\$37,119	\$40,410	\$506,244	\$213,356	\$1,185	\$0	\$0	\$1,258	\$215,798	\$722,042	\$5,450,834
2021	\$418,293	\$38,476	\$50,714	\$507,484	\$265,099	\$1,215	\$0	\$0	\$1,314	\$267,628	\$775,112	\$5,823,676
2022	\$432,731	\$41,058	\$56,648	\$530,437	\$290,443	\$1,245	\$0	\$0	\$1,373	\$293,061	\$823,498	\$6,200,930
2023	\$476,698	\$43,662	\$58,064	\$578,425	\$290,443	\$1,276	\$0	\$0	\$1,435	\$293,154	\$871,579	\$6,581,197
2024	\$527,426	\$46,560	\$59,516	\$633,502	\$290,443	\$1,308	\$0	\$0	\$1,500	\$293,250	\$926,752	\$6,966,281
2025	\$573,543	\$49,706	\$61,858	\$685,108	\$294,712	\$1,341	\$0	\$0	\$1,567	\$297,620	\$982,726	\$7,355,180
2026	\$593,216	\$51,433	\$63,834	\$708,483	\$296,803	\$1,374	\$0	\$0	\$1,638	\$299,815	\$1,008,297	\$7,735,197
2027	\$609,653	\$53,119	\$65,430	\$728,202	\$296,803	\$1,408	\$0	\$0	\$1,712	\$299,923	\$1,028,125	\$8,104,234
2028	\$640,153	\$54,840	\$67,065	\$762,058	\$294,005	\$1,444	\$0	\$0	\$1,789	\$297,237	\$1,059,295	\$8,466,354
2029	\$665,604	\$56,540	\$68,742	\$790,886	\$292,623	\$1,480	\$0	\$0	\$1,869	\$295,972	\$1,086,858	\$8,820,204
2030	\$684,332	\$57,915	\$70,461	\$812,708	\$287,112	\$1,517	\$0	\$0	\$1,953	\$290,581	\$1,103,289	\$9,162,298
2031	\$716,690	\$59,747	\$72,222	\$848,660	\$279,286	\$1,555	\$0	\$0	\$2,041	\$282,882	\$1,131,541	\$9,496,445
2032	\$746,901	\$61,475	\$74,028	\$882,403	\$276,775	\$1,594	\$0	\$0	\$2,133	\$280,502	\$1,162,905	\$9,823,502
2033	\$768,974	\$62,696	\$75,878	\$907,548	\$276,775	\$1,633	\$0	\$0	\$2,229	\$280,638	\$1,188,185	\$10,141,755
2034	\$805,521	\$64,550	\$77,775	\$947,846	\$276,775	\$1,674	\$0	\$0	\$2,329	\$280,779	\$1,228,625	\$10,455,170
2035	\$840,421	\$66,181	\$79,720	\$986,322	\$276,775	\$1,716	\$0	\$0	\$2,434	\$280,926	\$1,267,247	\$10,763,043

Table B.1-6 Expansion Plan Economic Summary - Without Taylor Energy Center in 2012 - High Load and Energy Growth

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	High Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Cook: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LM6000	43,456	12	05/01/08	46,588	4,180
7FA CT	81,088	14	05/01/10	91,513	8,211
LMS100	73,360	17	05/01/11	85,117	7,637
CFB	696,360	44	05/01/12	850,960	61,729
LMS100	73,360	17	05/01/13	89,426	8,023
CFB	696,360	44	05/01/14	893,999	64,851
CFB	696,360	44	05/01/18	986,808	71,583
Single 1X1 IGCC	871,440	41	05/01/22	1,359,012	98,583

Year	Production Cost				Capital Cost and Other Project Costs						Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		Total System Cost (\$1,000)
		Variable	Fixed (\$1,000)									
2006	\$435,009	\$61,083	\$0	\$496,092	\$0	\$0	\$0	\$0	\$0	\$0	\$496,092	\$496,092
2007	\$426,013	\$57,934	\$0	\$483,947	\$0	\$0	\$0	\$0	\$0	\$0	\$483,947	\$956,993
2008	\$440,088	\$32,057	\$562	\$472,707	\$2,798	\$0	\$0	\$0	\$0	\$2,798	\$475,505	\$1,388,291
2009	\$380,442	\$33,437	\$857	\$414,736	\$4,180	\$0	\$0	\$0	\$0	\$4,180	\$418,916	\$1,750,166
2010	\$319,640	\$34,119	\$1,450	\$355,209	\$9,691	\$0	\$0	\$0	\$0	\$9,691	\$364,900	\$2,050,370
2011	\$335,514	\$37,359	\$2,418	\$375,291	\$17,516	\$0	\$0	\$0	\$0	\$17,516	\$392,807	\$2,358,145
2012	\$319,749	\$36,226	\$10,245	\$366,220	\$61,348	\$0	\$0	\$0	\$0	\$61,348	\$427,568	\$2,577,203
2013	\$335,606	\$33,628	\$14,915	\$384,149	\$87,141	\$0	\$0	\$0	\$0	\$87,141	\$471,290	\$3,012,141
2014	\$333,692	\$33,094	\$23,447	\$390,233	\$133,309	\$0	\$0	\$0	\$0	\$133,309	\$523,542	\$3,366,494
2015	\$348,725	\$34,468	\$27,959	\$411,152	\$154,630	\$0	\$0	\$0	\$0	\$154,630	\$566,782	\$3,731,202
2016	\$377,913	\$36,873	\$28,658	\$443,544	\$154,630	\$0	\$0	\$0	\$0	\$154,630	\$598,173	\$4,098,429
2017	\$403,429	\$39,161	\$29,374	\$471,964	\$154,630	\$0	\$0	\$0	\$0	\$154,630	\$626,594	\$4,464,785
2018	\$394,839	\$39,949	\$38,739	\$473,526	\$202,679	\$0	\$0	\$0	\$0	\$202,679	\$676,205	\$4,841,321
2019	\$415,649	\$41,821	\$44,040	\$501,511	\$226,213	\$0	\$0	\$0	\$0	\$226,213	\$727,223	\$5,227,249
2020	\$448,400	\$44,241	\$45,141	\$537,782	\$226,213	\$0	\$0	\$0	\$0	\$226,213	\$763,994	\$5,613,118
2021	\$476,178	\$46,918	\$46,270	\$569,366	\$226,213	\$0	\$0	\$0	\$0	\$226,213	\$795,579	\$5,995,805
2022	\$460,922	\$53,915	\$59,110	\$573,948	\$292,385	\$0	\$0	\$0	\$0	\$292,385	\$866,332	\$6,392,662
2023	\$492,404	\$58,624	\$66,454	\$617,482	\$324,796	\$0	\$0	\$0	\$0	\$324,796	\$942,278	\$6,803,795
2024	\$541,078	\$62,056	\$68,115	\$671,249	\$324,796	\$0	\$0	\$0	\$0	\$324,796	\$996,045	\$7,217,672
2025	\$584,273	\$65,931	\$69,818	\$720,022	\$324,796	\$0	\$0	\$0	\$0	\$324,796	\$1,044,617	\$7,631,141
2026	\$607,035	\$67,763	\$71,563	\$746,362	\$324,796	\$0	\$0	\$0	\$0	\$324,796	\$1,071,158	\$8,034,849
2027	\$629,082	\$69,782	\$73,352	\$772,216	\$324,796	\$0	\$0	\$0	\$0	\$324,796	\$1,097,012	\$8,428,613
2028	\$654,587	\$72,215	\$75,186	\$801,988	\$321,998	\$0	\$0	\$0	\$0	\$321,998	\$1,123,986	\$8,812,848
2029	\$682,842	\$74,008	\$77,066	\$833,915	\$320,616	\$0	\$0	\$0	\$0	\$320,616	\$1,154,531	\$9,188,730
2030	\$703,928	\$75,839	\$78,993	\$858,760	\$315,104	\$0	\$0	\$0	\$0	\$315,104	\$1,173,865	\$9,552,708
2031	\$734,091	\$78,356	\$80,967	\$893,414	\$307,279	\$0	\$0	\$0	\$0	\$307,279	\$1,200,694	\$9,907,276
2032	\$767,328	\$80,291	\$82,992	\$930,610	\$304,768	\$0	\$0	\$0	\$0	\$304,768	\$1,235,379	\$10,254,715
2033	\$791,688	\$82,031	\$85,066	\$958,785	\$299,383	\$0	\$0	\$0	\$0	\$299,383	\$1,258,168	\$10,591,713
2034	\$825,693	\$84,648	\$87,193	\$997,534	\$296,745	\$0	\$0	\$0	\$0	\$296,745	\$1,294,279	\$10,921,875
2035	\$863,544	\$86,460	\$89,373	\$1,039,378	\$296,745	\$0	\$0	\$0	\$0	\$296,745	\$1,336,123	\$11,246,481

Table B.1-7 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Load and Energy Growth

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Low Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CI: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/12	808,391	58,641
CFB	696,360	44	05/01/16	939,258	68,134

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$322,996	\$64,433	\$0	\$387,429	\$0	\$0	\$0	\$0	\$0	\$0	\$387,429	\$387,429
2007	\$346,832	\$54,975	\$0	\$401,807	\$0	\$0	\$0	\$0	\$0	\$0	\$401,807	\$770,102
2008	\$346,896	\$29,641	\$0	\$376,537	\$0	\$0	\$0	\$0	\$0	\$0	\$376,537	\$1,111,633
2009	\$302,974	\$27,611	\$0	\$330,585	\$0	\$0	\$0	\$0	\$0	\$0	\$330,585	\$1,397,204
2010	\$262,855	\$27,074	\$0	\$289,929	\$0	\$0	\$0	\$0	\$0	\$0	\$289,929	\$1,635,730
2011	\$272,166	\$29,793	\$645	\$302,603	\$5,126	\$0	\$0	\$0	\$0	\$0	\$307,729	\$1,876,644
2012	\$248,921	\$23,295	\$6,482	\$278,698	\$46,891	\$973	\$0	\$0	\$592	\$48,455	\$327,153	\$2,120,971
2013	\$254,161	\$19,136	\$9,404	\$282,701	\$66,277	\$997	\$0	\$0	\$924	\$68,198	\$350,899	\$2,370,348
2014	\$273,353	\$19,941	\$9,639	\$302,934	\$66,277	\$1,022	\$0	\$0	\$966	\$68,265	\$371,199	\$2,621,590
2015	\$289,417	\$20,907	\$9,880	\$320,204	\$66,277	\$1,047	\$0	\$0	\$1,009	\$68,334	\$388,538	\$2,872,045
2016	\$279,261	\$20,877	\$18,342	\$318,479	\$112,011	\$1,073	\$0	\$0	\$1,055	\$114,139	\$432,618	\$3,137,635
2017	\$277,944	\$21,854	\$22,924	\$322,732	\$134,411	\$1,100	\$0	\$0	\$1,102	\$136,614	\$459,345	\$3,406,204
2018	\$268,428	\$22,813	\$23,497	\$334,738	\$134,411	\$1,128	\$0	\$0	\$1,152	\$136,691	\$471,429	\$3,668,714
2019	\$308,120	\$23,859	\$24,085	\$357,064	\$134,411	\$1,156	\$0	\$0	\$1,204	\$136,771	\$493,835	\$3,930,605
2020	\$328,640	\$25,037	\$24,687	\$378,363	\$134,411	\$1,185	\$0	\$0	\$1,258	\$136,854	\$515,217	\$4,190,825
2021	\$343,096	\$26,038	\$25,304	\$394,438	\$134,411	\$1,215	\$0	\$0	\$1,314	\$136,940	\$531,378	\$4,446,426
2022	\$359,695	\$27,310	\$25,937	\$412,942	\$134,411	\$1,245	\$0	\$0	\$1,373	\$137,029	\$549,972	\$4,698,375
2023	\$385,668	\$28,654	\$26,585	\$440,907	\$134,411	\$1,276	\$0	\$0	\$1,435	\$137,122	\$578,030	\$4,950,567
2024	\$416,029	\$29,884	\$27,250	\$473,162	\$134,411	\$1,308	\$0	\$0	\$1,500	\$137,219	\$610,381	\$5,204,193
2025	\$440,676	\$31,328	\$27,931	\$499,935	\$134,411	\$1,341	\$0	\$0	\$1,567	\$137,319	\$637,254	\$5,456,376
2026	\$459,375	\$32,536	\$28,629	\$520,540	\$134,411	\$1,374	\$0	\$0	\$1,638	\$137,423	\$657,963	\$5,704,355
2027	\$473,914	\$33,459	\$29,345	\$536,718	\$134,411	\$1,408	\$0	\$0	\$1,712	\$137,531	\$674,249	\$5,946,972
2028	\$495,109	\$34,466	\$30,079	\$559,654	\$134,411	\$1,444	\$0	\$0	\$1,789	\$137,643	\$697,297	\$6,184,743
2029	\$516,931	\$35,629	\$30,831	\$583,390	\$134,411	\$1,480	\$0	\$0	\$1,869	\$137,760	\$721,150	\$6,419,529
2030	\$534,585	\$36,456	\$31,601	\$602,643	\$134,411	\$1,517	\$0	\$0	\$1,953	\$137,881	\$740,524	\$6,649,141
2031	\$557,846	\$37,494	\$32,391	\$627,732	\$129,285	\$1,555	\$0	\$0	\$2,041	\$132,881	\$760,613	\$6,873,752
2032	\$582,259	\$38,654	\$33,201	\$654,114	\$126,174	\$1,594	\$0	\$0	\$2,133	\$130,501	\$784,614	\$7,094,418
2033	\$602,673	\$39,425	\$34,031	\$676,129	\$126,174	\$1,633	\$0	\$0	\$2,229	\$130,637	\$806,766	\$7,310,509
2034	\$629,976	\$40,438	\$34,882	\$704,296	\$126,174	\$1,674	\$0	\$0	\$2,329	\$130,778	\$835,074	\$7,523,531
2035	\$657,619	\$41,596	\$35,754	\$734,970	\$126,174	\$1,716	\$0	\$0	\$2,434	\$130,924	\$865,894	\$7,733,897

Table B.1-8 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Load and Energy Growth

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Low Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
CFB	696,360	44	05/01/12	850,960	61,729
CFB	696,360	44	05/01/14	893,999	64,951
LM6000	43,456	12	05/01/25	70,886	6,360

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$322,996	\$64,433	\$0	\$387,429	\$0	\$0	\$0	\$0	\$0	\$0	\$387,429	\$387,429
2007	\$346,832	\$64,975	\$0	\$411,807	\$0	\$0	\$0	\$0	\$0	\$0	\$411,807	\$770,102
2008	\$346,866	\$29,641	\$0	\$376,537	\$0	\$0	\$0	\$0	\$0	\$0	\$376,537	\$1,111,633
2009	\$302,974	\$27,611	\$0	\$330,585	\$0	\$0	\$0	\$0	\$0	\$0	\$330,585	\$1,397,204
2010	\$262,855	\$27,074	\$0	\$289,929	\$0	\$0	\$0	\$0	\$0	\$0	\$289,929	\$1,635,730
2011	\$272,166	\$29,793	\$645	\$302,603	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$307,729	\$1,876,844
2012	\$256,851	\$27,553	\$8,427	\$292,832	\$48,958	\$0	\$0	\$0	\$0	\$48,958	\$341,789	\$2,131,892
2013	\$266,107	\$25,416	\$12,374	\$303,897	\$68,365	\$0	\$0	\$0	\$0	\$68,365	\$373,263	\$2,397,163
2014	\$259,415	\$24,884	\$20,503	\$304,802	\$112,895	\$0	\$0	\$0	\$0	\$112,895	\$417,697	\$2,679,877
2015	\$267,232	\$25,531	\$24,941	\$317,704	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$451,920	\$2,971,188
2016	\$283,194	\$26,736	\$25,564	\$335,494	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$469,710	\$3,259,549
2017	\$296,508	\$27,927	\$26,203	\$350,638	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$484,854	\$3,543,034
2018	\$310,491	\$29,132	\$26,858	\$366,481	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$500,697	\$3,821,841
2019	\$332,040	\$30,354	\$27,530	\$389,923	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$524,139	\$4,099,803
2020	\$350,482	\$31,752	\$28,218	\$410,452	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$544,668	\$4,374,897
2021	\$364,967	\$33,185	\$28,923	\$427,075	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$561,291	\$4,644,888
2022	\$384,587	\$34,507	\$29,646	\$448,741	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$582,967	\$4,911,947
2023	\$414,842	\$36,076	\$30,388	\$481,306	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$615,522	\$5,180,498
2024	\$443,528	\$37,749	\$31,147	\$512,424	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$646,640	\$5,449,190
2025	\$471,370	\$39,462	\$32,780	\$543,613	\$138,485	\$0	\$0	\$0	\$0	\$138,485	\$682,098	\$5,719,119
2026	\$489,373	\$40,702	\$34,029	\$564,103	\$140,576	\$0	\$0	\$0	\$0	\$140,576	\$704,679	\$5,984,705
2027	\$506,327	\$42,056	\$34,880	\$583,263	\$140,576	\$0	\$0	\$0	\$0	\$140,576	\$723,898	\$6,244,522
2028	\$531,132	\$43,225	\$35,752	\$610,109	\$140,576	\$0	\$0	\$0	\$0	\$140,576	\$750,885	\$6,501,143
2029	\$553,451	\$44,428	\$36,645	\$634,525	\$140,576	\$0	\$0	\$0	\$0	\$140,576	\$775,101	\$6,753,494
2030	\$570,837	\$45,646	\$37,561	\$654,045	\$140,576	\$0	\$0	\$0	\$0	\$140,576	\$794,620	\$6,999,880
2031	\$598,943	\$46,873	\$38,501	\$684,317	\$135,450	\$0	\$0	\$0	\$0	\$135,450	\$819,766	\$7,241,960
2032	\$625,811	\$48,117	\$39,463	\$713,391	\$132,939	\$0	\$0	\$0	\$0	\$132,939	\$846,331	\$7,479,982
2033	\$645,583	\$49,327	\$40,450	\$735,359	\$132,939	\$0	\$0	\$0	\$0	\$132,939	\$868,298	\$7,712,554
2034	\$677,626	\$50,572	\$41,461	\$769,659	\$132,939	\$0	\$0	\$0	\$0	\$132,939	\$902,598	\$7,942,801
2035	\$708,247	\$51,833	\$42,497	\$802,578	\$132,939	\$0	\$0	\$0	\$0	\$132,939	\$935,517	\$8,170,082

Table B.1-9 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Capital Costs

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	88,032	17	05/01/11	102,141	9,164
TEC	NA	NA	05/01/12	967,034	70,149
LMS100	88,032	17	05/01/14	109,994	9,869
7FA SC	97,306	14	05/01/15	124,247	11,147
CFB	835,632	44	05/01/19	1,213,773	88,047
LM6000	52,147	12	05/01/25	85,063	7,632

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603
2009	\$341,429	\$30,474	\$0	\$371,903	\$0	\$0	\$0	\$0	\$0	\$0	\$371,903	\$1,564,866
2010	\$292,771	\$30,231	\$0	\$323,001	\$0	\$0	\$0	\$0	\$0	\$0	\$323,001	\$1,830,600
2011	\$305,290	\$33,352	\$645	\$339,287	\$6,151	\$0	\$0	\$0	\$0	\$6,151	\$345,438	\$2,101,260
2012	\$280,003	\$27,323	\$6,482	\$313,808	\$58,122	\$973	\$0	\$0	\$592	\$57,666	\$371,494	\$2,378,475
2013	\$287,725	\$22,944	\$9,404	\$320,073	\$79,313	\$997	\$0	\$0	\$924	\$81,234	\$401,307	\$2,663,676
2014	\$313,229	\$23,909	\$10,334	\$347,472	\$85,937	\$1,022	\$0	\$0	\$966	\$87,924	\$435,397	\$2,958,370
2015	\$334,968	\$25,616	\$11,587	\$372,170	\$96,664	\$1,047	\$0	\$0	\$1,009	\$98,720	\$470,891	\$3,261,910
2016	\$360,341	\$27,350	\$12,201	\$399,892	\$100,329	\$1,073	\$0	\$0	\$1,055	\$102,457	\$502,348	\$3,570,309
2017	\$389,260	\$28,910	\$12,506	\$424,677	\$100,329	\$1,100	\$0	\$0	\$1,102	\$102,531	\$527,208	\$3,878,556
2018	\$405,030	\$30,501	\$12,819	\$448,349	\$100,329	\$1,128	\$0	\$0	\$1,152	\$102,608	\$550,958	\$4,185,500
2019	\$388,621	\$30,606	\$21,986	\$441,213	\$159,429	\$1,156	\$0	\$0	\$1,204	\$161,788	\$603,001	\$4,505,134
2020	\$402,749	\$31,864	\$26,976	\$461,589	\$188,376	\$1,185	\$0	\$0	\$1,258	\$190,619	\$652,408	\$4,834,645
2021	\$426,586	\$33,629	\$27,651	\$487,866	\$188,376	\$1,215	\$0	\$0	\$1,314	\$190,905	\$678,771	\$5,161,145
2022	\$451,994	\$35,741	\$28,342	\$516,077	\$188,376	\$1,245	\$0	\$0	\$1,373	\$190,994	\$707,071	\$5,485,063
2023	\$493,133	\$37,852	\$29,051	\$560,036	\$188,376	\$1,276	\$0	\$0	\$1,435	\$191,087	\$751,123	\$5,812,775
2024	\$536,244	\$39,858	\$29,777	\$605,879	\$188,376	\$1,308	\$0	\$0	\$1,500	\$191,184	\$797,063	\$6,143,971
2025	\$575,068	\$42,449	\$31,376	\$648,893	\$193,499	\$1,341	\$0	\$0	\$1,567	\$196,407	\$845,300	\$6,478,485
2026	\$599,580	\$43,603	\$32,589	\$675,772	\$196,008	\$1,374	\$0	\$0	\$1,638	\$199,020	\$874,791	\$6,808,185
2027	\$618,188	\$44,706	\$33,404	\$696,299	\$196,008	\$1,408	\$0	\$0	\$1,712	\$199,128	\$895,426	\$7,129,591
2028	\$646,852	\$46,144	\$34,239	\$727,235	\$196,008	\$1,444	\$0	\$0	\$1,789	\$199,240	\$926,475	\$7,446,307
2029	\$676,117	\$47,344	\$35,095	\$758,556	\$196,008	\$1,480	\$0	\$0	\$1,869	\$199,357	\$957,912	\$7,758,175
2030	\$699,511	\$48,391	\$35,972	\$783,875	\$196,008	\$1,517	\$0	\$0	\$1,953	\$199,478	\$983,352	\$8,063,081
2031	\$730,715	\$49,896	\$36,872	\$817,482	\$189,857	\$1,555	\$0	\$0	\$2,041	\$193,452	\$1,010,935	\$8,361,613
2032	\$764,264	\$51,171	\$37,793	\$853,229	\$186,844	\$1,594	\$0	\$0	\$2,133	\$190,570	\$1,043,799	\$8,655,172
2033	\$791,147	\$52,232	\$38,736	\$882,117	\$186,844	\$1,633	\$0	\$0	\$2,229	\$190,706	\$1,072,823	\$8,942,526
2034	\$826,779	\$53,760	\$39,707	\$920,246	\$180,220	\$1,674	\$0	\$0	\$2,329	\$184,223	\$1,104,469	\$9,224,269
2035	\$865,470	\$55,094	\$40,699	\$961,264	\$169,493	\$1,716	\$0	\$0	\$2,434	\$173,643	\$1,134,906	\$9,499,990

Table B.1-10 Expansion Plan Economic Summary - Without Taylor Energy Center in 2012 - High Capital Costs

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	88,032	17	05/01/11	102,141	9,164
CFB	835,632	44	05/01/12	1,021,152	74,074
7FA SC	97,306	14	05/01/14	121,216	10,876
LMS100	88,032	17	05/01/16	115,568	10,369
CFB	835,632	44	05/01/18	1,184,169	85,900
LMS100	88,032	17	05/01/24	140,808	12,633

Year	Production Cost			Total Production Cost (\$1,000)	Capital Cost and Other Project Costs					Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M			Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656	
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069	
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603	
2009	\$341,429	\$30,474	\$0	\$371,903	\$0	\$0	\$0	\$0	\$0	\$371,903	\$1,564,866	
2010	\$292,771	\$30,231	\$0	\$323,001	\$0	\$0	\$0	\$0	\$0	\$323,001	\$1,830,600	
2011	\$305,290	\$33,352	\$645	\$339,287	\$6,151	\$0	\$0	\$0	\$6,151	\$345,438	\$2,101,260	
2012	\$286,673	\$31,863	\$8,427	\$328,963	\$58,749	\$0	\$0	\$0	\$58,749	\$387,712	\$2,390,577	
2013	\$301,899	\$29,601	\$12,374	\$343,874	\$83,238	\$0	\$0	\$0	\$83,238	\$427,112	\$2,694,118	
2014	\$331,172	\$30,834	\$13,314	\$375,320	\$90,538	\$0	\$0	\$0	\$90,538	\$465,859	\$3,009,429	
2015	\$358,537	\$32,553	\$13,963	\$405,053	\$94,114	\$0	\$0	\$0	\$94,114	\$499,167	\$3,331,197	
2016	\$379,585	\$34,312	\$15,042	\$428,939	\$101,055	\$0	\$0	\$0	\$101,055	\$529,994	\$3,656,567	
2017	\$403,941	\$36,316	\$15,785	\$456,042	\$104,483	\$0	\$0	\$0	\$104,483	\$560,525	\$3,984,294	
2018	\$386,115	\$36,065	\$24,810	\$446,990	\$162,141	\$0	\$0	\$0	\$162,141	\$609,131	\$4,323,481	
2019	\$398,588	\$37,390	\$29,763	\$465,742	\$190,382	\$0	\$0	\$0	\$190,382	\$656,124	\$4,671,438	
2020	\$425,806	\$39,455	\$30,507	\$495,768	\$190,382	\$0	\$0	\$0	\$190,382	\$686,151	\$5,017,991	
2021	\$449,929	\$41,522	\$31,270	\$522,721	\$190,382	\$0	\$0	\$0	\$190,382	\$713,103	\$5,361,006	
2022	\$481,526	\$43,990	\$32,052	\$557,568	\$190,382	\$0	\$0	\$0	\$190,382	\$747,850	\$5,703,650	
2023	\$524,523	\$46,192	\$32,853	\$603,568	\$190,382	\$0	\$0	\$0	\$190,382	\$793,951	\$6,050,048	
2024	\$563,899	\$48,584	\$34,564	\$647,046	\$198,839	\$0	\$0	\$0	\$198,839	\$845,885	\$6,401,531	
2025	\$606,704	\$51,247	\$35,875	\$693,825	\$203,016	\$0	\$0	\$0	\$203,016	\$896,841	\$6,756,441	
2026	\$632,144	\$52,492	\$36,771	\$721,407	\$203,016	\$0	\$0	\$0	\$203,016	\$924,423	\$7,104,847	
2027	\$655,132	\$53,898	\$37,691	\$746,721	\$203,016	\$0	\$0	\$0	\$203,016	\$949,737	\$7,445,747	
2028	\$685,595	\$55,599	\$38,633	\$779,828	\$203,016	\$0	\$0	\$0	\$203,016	\$982,843	\$7,781,732	
2029	\$716,282	\$56,858	\$39,599	\$812,739	\$203,016	\$0	\$0	\$0	\$203,016	\$1,015,754	\$8,112,432	
2030	\$740,564	\$58,236	\$40,589	\$839,389	\$203,016	\$0	\$0	\$0	\$203,016	\$1,042,404	\$8,435,649	
2031	\$776,047	\$60,014	\$41,603	\$877,665	\$196,864	\$0	\$0	\$0	\$196,864	\$1,074,529	\$8,752,960	
2032	\$811,410	\$61,358	\$42,644	\$915,411	\$193,852	\$0	\$0	\$0	\$193,852	\$1,109,263	\$9,064,930	
2033	\$839,547	\$62,743	\$43,710	\$946,000	\$193,852	\$0	\$0	\$0	\$193,852	\$1,139,851	\$9,370,237	
2034	\$879,977	\$64,643	\$44,802	\$989,422	\$186,552	\$0	\$0	\$0	\$186,552	\$1,175,973	\$9,670,220	
2035	\$920,580	\$66,039	\$45,922	\$1,032,542	\$182,976	\$0	\$0	\$0	\$182,976	\$1,215,518	\$9,965,526	

Table B.1-11 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Capital Costs

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yyyy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	58,688	17	05/01/11	68,094	6,109
TEC	NA	NA	05/01/12	649,748	47,133
CFB	557,088	44	05/01/14	715,199	51,881
CFB	557,088	44	05/01/19	809,182	58,698
LM6000	34,765	12	05/01/25	56,709	5,088

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603
2009	\$341,429	\$30,474	\$0	\$371,903	\$0	\$0	\$0	\$0	\$0	\$0	\$371,903	\$1,564,866
2010	\$292,771	\$30,231	\$0	\$323,001	\$0	\$0	\$0	\$0	\$0	\$0	\$323,001	\$1,830,600
2011	\$305,290	\$33,352	\$645	\$339,287	\$4,101	\$0	\$0	\$0	\$0	\$4,101	\$343,388	\$2,099,654
2012	\$280,003	\$27,323	\$6,482	\$313,808	\$37,660	\$973	\$0	\$0	\$592	\$39,224	\$353,033	\$2,363,992
2013	\$287,725	\$22,944	\$9,404	\$320,073	\$53,242	\$997	\$0	\$0	\$924	\$55,163	\$375,236	\$2,629,765
2014	\$285,963	\$22,849	\$17,458	\$326,269	\$98,066	\$1,022	\$0	\$0	\$968	\$90,054	\$416,323	\$2,911,549
2015	\$296,457	\$23,756	\$21,820	\$342,032	\$105,123	\$1,047	\$0	\$0	\$1,009	\$107,179	\$449,212	\$3,201,115
2016	\$316,365	\$25,228	\$22,365	\$363,958	\$105,123	\$1,073	\$0	\$0	\$1,055	\$107,251	\$471,208	\$3,490,396
2017	\$332,380	\$28,810	\$22,924	\$382,124	\$105,123	\$1,100	\$0	\$0	\$1,102	\$107,325	\$489,449	\$3,776,567
2018	\$350,569	\$28,250	\$23,497	\$402,316	\$105,123	\$1,128	\$0	\$0	\$1,152	\$107,402	\$509,718	\$4,060,397
2019	\$344,113	\$29,210	\$32,931	\$406,254	\$144,523	\$1,156	\$0	\$0	\$1,204	\$146,682	\$553,136	\$4,353,737
2020	\$357,010	\$30,815	\$38,196	\$426,020	\$163,821	\$1,185	\$0	\$0	\$1,258	\$166,263	\$592,284	\$4,652,881
2021	\$374,623	\$32,415	\$39,151	\$446,189	\$163,821	\$1,215	\$0	\$0	\$1,314	\$166,349	\$612,538	\$4,947,522
2022	\$398,131	\$34,185	\$40,129	\$472,445	\$163,821	\$1,245	\$0	\$0	\$1,373	\$166,439	\$638,884	\$5,240,202
2023	\$434,590	\$36,227	\$41,133	\$511,950	\$163,821	\$1,276	\$0	\$0	\$1,435	\$166,532	\$678,482	\$5,536,221
2024	\$474,778	\$38,245	\$42,161	\$555,183	\$163,821	\$1,308	\$0	\$0	\$1,500	\$166,628	\$721,812	\$5,836,149
2025	\$510,459	\$40,557	\$44,069	\$595,085	\$167,236	\$1,341	\$0	\$0	\$1,567	\$170,144	\$765,229	\$6,138,976
2026	\$529,349	\$42,109	\$45,600	\$617,058	\$168,909	\$1,374	\$0	\$0	\$1,638	\$171,921	\$789,979	\$6,436,334
2027	\$543,760	\$43,456	\$46,740	\$633,956	\$168,909	\$1,408	\$0	\$0	\$1,712	\$172,029	\$805,985	\$6,725,636
2028	\$570,398	\$44,745	\$47,908	\$663,052	\$168,909	\$1,444	\$0	\$0	\$1,789	\$172,141	\$835,193	\$7,011,146
2029	\$594,686	\$46,264	\$49,106	\$690,056	\$168,909	\$1,480	\$0	\$0	\$1,869	\$172,257	\$862,313	\$7,291,891
2030	\$611,863	\$47,397	\$50,334	\$709,594	\$168,909	\$1,517	\$0	\$0	\$1,953	\$172,379	\$881,973	\$7,565,362
2031	\$640,558	\$48,704	\$51,592	\$740,855	\$164,808	\$1,555	\$0	\$0	\$2,041	\$168,404	\$909,258	\$7,833,869
2032	\$668,561	\$50,281	\$52,882	\$771,724	\$162,799	\$1,594	\$0	\$0	\$2,133	\$168,526	\$938,250	\$8,097,743
2033	\$688,517	\$51,345	\$54,204	\$794,065	\$162,799	\$1,633	\$0	\$0	\$2,229	\$166,662	\$960,722	\$8,355,072
2034	\$720,420	\$52,600	\$55,559	\$828,579	\$162,799	\$1,674	\$0	\$0	\$2,329	\$166,803	\$995,381	\$8,608,987
2035	\$753,874	\$54,133	\$56,948	\$864,955	\$162,799	\$1,716	\$0	\$0	\$2,434	\$166,949	\$1,031,905	\$8,859,685

Table B.1-12 Expansion Plan Economic Summary - Without Taylor Energy Center in 2012 - Low Capital Costs

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:		5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:		2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$		2006	Fixed Charge Rate CC: (25 year)	7.92%	
					Fixed Charge Rate Coat: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	58,688	17	05/01/11	68,094	6,109
CFB	557,088	44	05/01/12	680,768	49,363
CFB	557,088	44	05/01/14	715,199	51,861
CFB	557,088	44	05/01/18	789,446	57,266
LMS100	58,688	17	05/01/24	93,872	8,422

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$366,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603
2009	\$341,429	\$30,474	\$0	\$371,903	\$0	\$0	\$0	\$0	\$0	\$0	\$371,903	\$1,564,866
2010	\$292,771	\$30,231	\$0	\$323,001	\$0	\$0	\$0	\$0	\$0	\$0	\$323,001	\$1,830,600
2011	\$305,290	\$33,352	\$645	\$339,287	\$4,101	\$0	\$0	\$0	\$0	\$4,101	\$343,388	\$2,099,654
2012	\$288,673	\$31,863	\$8,427	\$328,963	\$39,166	\$0	\$0	\$0	\$0	\$39,166	\$368,129	\$2,374,357
2013	\$301,899	\$29,601	\$12,374	\$343,874	\$55,492	\$0	\$0	\$0	\$0	\$55,492	\$399,366	\$2,658,179
2014	\$299,054	\$29,024	\$20,503	\$348,581	\$90,316	\$0	\$0	\$0	\$0	\$90,316	\$438,897	\$2,955,242
2015	\$309,757	\$29,969	\$24,941	\$364,667	\$107,373	\$0	\$0	\$0	\$0	\$107,373	\$472,039	\$3,259,523
2016	\$332,320	\$31,710	\$25,564	\$389,594	\$107,373	\$0	\$0	\$0	\$0	\$107,373	\$496,967	\$3,564,617
2017	\$351,489	\$33,457	\$26,203	\$411,149	\$107,373	\$0	\$0	\$0	\$0	\$107,373	\$518,522	\$3,867,786
2018	\$339,065	\$34,369	\$35,489	\$408,923	\$145,812	\$0	\$0	\$0	\$0	\$145,812	\$554,735	\$4,176,683
2019	\$354,747	\$35,978	\$40,709	\$431,434	\$164,639	\$0	\$0	\$0	\$0	\$164,639	\$596,074	\$4,492,794
2020	\$379,688	\$37,781	\$41,727	\$459,195	\$164,639	\$0	\$0	\$0	\$0	\$164,639	\$623,834	\$4,807,872
2021	\$398,981	\$39,611	\$42,770	\$481,362	\$164,639	\$0	\$0	\$0	\$0	\$164,639	\$646,002	\$5,116,610
2022	\$423,573	\$41,772	\$43,839	\$509,184	\$164,639	\$0	\$0	\$0	\$0	\$164,639	\$673,823	\$5,427,296
2023	\$464,435	\$43,857	\$44,935	\$553,227	\$164,639	\$0	\$0	\$0	\$0	\$164,639	\$717,866	\$5,740,499
2024	\$500,834	\$46,219	\$46,948	\$594,002	\$170,277	\$0	\$0	\$0	\$0	\$170,277	\$764,279	\$6,056,073
2025	\$537,248	\$48,922	\$48,568	\$634,738	\$173,061	\$0	\$0	\$0	\$0	\$173,061	\$807,800	\$6,377,746
2026	\$559,892	\$50,488	\$49,782	\$660,162	\$173,061	\$0	\$0	\$0	\$0	\$173,061	\$833,224	\$6,691,780
2027	\$578,256	\$52,008	\$51,027	\$681,292	\$173,061	\$0	\$0	\$0	\$0	\$173,061	\$854,353	\$6,998,443
2028	\$603,915	\$53,911	\$52,302	\$710,128	\$173,061	\$0	\$0	\$0	\$0	\$173,061	\$883,189	\$7,300,361
2029	\$631,759	\$55,236	\$53,610	\$740,606	\$173,061	\$0	\$0	\$0	\$0	\$173,061	\$934,481	\$7,887,578
2030	\$649,846	\$56,624	\$54,960	\$761,420	\$173,061	\$0	\$0	\$0	\$0	\$173,061	\$963,974	\$8,172,242
2031	\$680,174	\$58,516	\$56,324	\$795,014	\$168,961	\$0	\$0	\$0	\$0	\$168,961	\$997,399	\$8,452,751
2032	\$712,770	\$59,945	\$57,732	\$830,447	\$166,952	\$0	\$0	\$0	\$0	\$166,952	\$1,021,385	\$8,726,328
2033	\$733,973	\$61,285	\$59,175	\$854,433	\$166,952	\$0	\$0	\$0	\$0	\$166,952	\$1,058,692	\$8,986,393
2034	\$767,959	\$63,126	\$60,655	\$891,740	\$166,952	\$0	\$0	\$0	\$0	\$166,952	\$1,098,747	\$9,263,330
2035	\$805,068	\$64,556	\$62,171	\$931,795	\$166,952	\$0	\$0	\$0	\$0	\$166,952		

Table B.1-13 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Allowance Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/12	808,391	58,641
LMS100	73,360	17	05/01/14	91,662	8,224
CFB	696,360	44	05/01/15	916,349	66,472
CFB	696,360	44	05/01/21	1,062,684	77,087

Year	Production Cost			Total Production Cost (\$1,000)	Capital Cost and Other Project Costs					Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M			Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656	
2007	\$394,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069	
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603	
2009	\$343,161	\$30,436	\$0	\$373,597	\$0	\$0	\$0	\$0	\$0	\$373,597	\$1,566,330	
2010	\$294,185	\$30,194	\$0	\$324,379	\$0	\$0	\$0	\$0	\$0	\$324,379	\$1,833,197	
2011	\$306,307	\$33,326	\$645	\$340,358	\$5,126	\$0	\$0	\$0	\$5,126	\$345,484	\$2,103,893	
2012	\$281,412	\$27,344	\$6,482	\$315,236	\$46,891	\$973	\$0	\$592	\$48,455	\$363,693	\$2,375,287	
2013	\$289,511	\$22,958	\$9,404	\$321,872	\$66,277	\$997	\$0	\$924	\$68,198	\$390,070	\$2,652,502	
2014	\$314,979	\$23,917	\$10,334	\$349,229	\$349,229	\$71,798	\$1,022	\$966	\$73,785	\$423,014	\$2,938,815	
2015	\$307,350	\$24,162	\$18,955	\$350,467	\$119,119	\$1,047	\$0	\$1,009	\$121,176	\$471,643	\$3,242,840	
2016	\$318,002	\$25,082	\$23,453	\$366,537	\$140,973	\$1,073	\$0	\$1,055	\$143,101	\$509,639	\$3,555,714	
2017	\$333,376	\$26,714	\$24,039	\$384,129	\$140,973	\$1,100	\$0	\$1,102	\$143,176	\$527,305	\$3,864,018	
2018	\$351,214	\$28,185	\$24,640	\$404,039	\$140,973	\$1,128	\$0	\$1,152	\$143,253	\$547,292	\$4,168,771	
2019	\$379,951	\$29,960	\$25,256	\$435,167	\$140,973	\$1,156	\$0	\$1,204	\$143,333	\$578,500	\$4,475,562	
2020	\$409,386	\$31,698	\$25,887	\$466,970	\$140,973	\$1,185	\$0	\$1,258	\$143,416	\$610,386	\$4,783,848	
2021	\$394,452	\$32,268	\$35,829	\$462,549	\$192,717	\$1,215	\$0	\$1,314	\$195,245	\$657,794	\$5,100,259	
2022	\$402,367	\$34,109	\$41,391	\$477,866	\$218,060	\$1,245	\$0	\$1,373	\$220,679	\$698,545	\$5,420,270	
2023	\$439,823	\$35,988	\$42,425	\$518,237	\$218,060	\$1,276	\$0	\$1,435	\$220,772	\$738,008	\$5,742,697	
2024	\$484,394	\$38,040	\$43,486	\$565,921	\$218,060	\$1,308	\$0	\$1,500	\$220,868	\$786,789	\$6,069,624	
2025	\$523,175	\$40,057	\$44,573	\$607,806	\$218,060	\$1,341	\$0	\$1,567	\$220,968	\$828,774	\$6,397,598	
2026	\$544,676	\$41,349	\$45,687	\$631,713	\$218,060	\$1,374	\$0	\$1,638	\$221,072	\$852,785	\$6,719,003	
2027	\$559,734	\$43,101	\$46,830	\$649,665	\$218,060	\$1,408	\$0	\$1,712	\$221,180	\$870,846	\$7,031,587	
2028	\$587,537	\$44,454	\$48,000	\$679,991	\$218,060	\$1,444	\$0	\$1,789	\$221,293	\$901,284	\$7,339,691	
2029	\$613,843	\$45,922	\$49,200	\$708,966	\$218,060	\$1,480	\$0	\$1,869	\$221,409	\$930,375	\$7,642,594	
2030	\$632,272	\$47,106	\$50,430	\$729,808	\$218,060	\$1,517	\$0	\$1,953	\$221,530	\$951,339	\$7,937,573	
2031	\$662,271	\$48,404	\$51,691	\$762,367	\$212,934	\$1,555	\$0	\$2,041	\$216,530	\$978,897	\$8,226,644	
2032	\$692,474	\$49,890	\$52,983	\$795,347	\$210,424	\$1,594	\$0	\$2,133	\$214,150	\$1,009,497	\$8,510,556	
2033	\$714,377	\$51,123	\$54,308	\$819,807	\$210,424	\$1,633	\$0	\$2,229	\$214,285	\$1,034,093	\$8,787,536	
2034	\$749,167	\$52,571	\$55,666	\$857,403	\$204,905	\$1,674	\$0	\$2,329	\$208,907	\$1,066,310	\$9,059,545	
2035	\$784,390	\$54,102	\$57,057	\$895,549	\$202,200	\$1,716	\$0	\$2,434	\$206,350	\$1,101,898	\$9,327,247	

Table B.1-14 Expansion Plan Economic Summary - Without Taylor Energy Center in 2012 - High Allowance Prices

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
CFB	696,360	44	05/01/12	850,960	61,729
CFB	696,360	44	05/01/14	893,999	64,851
LMS100	73,360	17	05/01/18	101,178	9,078
CFB	696,360	44	05/01/20	1,036,812	75,210

Year	Production Cost			Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656	
2007	\$384,878	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069	
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603	
2009	\$343,161	\$30,436	\$0	\$373,597	\$0	\$0	\$0	\$0	\$0	\$373,597	\$1,568,330	
2010	\$294,185	\$30,194	\$0	\$324,379	\$0	\$0	\$0	\$0	\$0	\$324,379	\$1,833,197	
2011	\$306,387	\$33,326	\$645	\$340,358	\$5,126	\$0	\$0	\$0	\$5,126	\$345,484	\$2,103,893	
2012	\$290,189	\$31,871	\$8,427	\$330,487	\$48,958	\$0	\$0	\$0	\$48,958	\$379,445	\$2,387,041	
2013	\$303,534	\$29,577	\$12,374	\$345,485	\$69,365	\$0	\$0	\$0	\$69,365	\$414,850	\$2,681,866	
2014	\$301,319	\$29,021	\$20,503	\$350,843	\$112,895	\$0	\$0	\$0	\$112,895	\$463,738	\$2,995,744	
2015	\$314,170	\$29,942	\$24,941	\$369,053	\$134,216	\$0	\$0	\$0	\$134,216	\$503,269	\$3,320,156	
2016	\$337,279	\$31,690	\$25,564	\$394,533	\$134,216	\$0	\$0	\$0	\$134,216	\$528,749	\$3,644,762	
2017	\$355,860	\$33,456	\$26,203	\$415,520	\$134,216	\$0	\$0	\$0	\$134,216	\$549,736	\$3,966,181	
2018	\$373,962	\$35,232	\$27,625	\$436,819	\$140,309	\$0	\$0	\$0	\$140,309	\$577,129	\$4,287,548	
2019	\$404,445	\$37,238	\$28,701	\$470,384	\$143,294	\$0	\$0	\$0	\$143,294	\$613,677	\$4,612,994	
2020	\$386,709	\$37,934	\$38,486	\$473,129	\$193,639	\$0	\$0	\$0	\$193,639	\$666,768	\$4,949,757	
2021	\$403,717	\$39,486	\$44,000	\$487,204	\$218,504	\$0	\$0	\$0	\$218,504	\$705,708	\$5,289,215	
2022	\$427,358	\$41,692	\$45,100	\$514,150	\$218,504	\$0	\$0	\$0	\$218,504	\$732,654	\$5,624,852	
2023	\$471,009	\$43,714	\$46,228	\$560,951	\$218,504	\$0	\$0	\$0	\$218,504	\$779,455	\$5,964,926	
2024	\$514,076	\$46,067	\$47,383	\$607,527	\$218,504	\$0	\$0	\$0	\$218,504	\$826,031	\$6,308,158	
2025	\$554,489	\$48,332	\$48,568	\$651,389	\$218,504	\$0	\$0	\$0	\$218,504	\$869,893	\$6,652,405	
2026	\$579,689	\$49,683	\$49,782	\$679,154	\$218,504	\$0	\$0	\$0	\$218,504	\$897,658	\$6,990,723	
2027	\$597,257	\$51,716	\$51,027	\$700,000	\$218,504	\$0	\$0	\$0	\$218,504	\$918,504	\$7,320,413	
2028	\$625,426	\$53,539	\$52,302	\$731,267	\$218,504	\$0	\$0	\$0	\$218,504	\$949,771	\$7,645,092	
2029	\$653,860	\$54,996	\$53,610	\$762,467	\$218,504	\$0	\$0	\$0	\$218,504	\$980,971	\$7,964,468	
2030	\$674,630	\$56,358	\$54,950	\$785,939	\$218,504	\$0	\$0	\$0	\$218,504	\$1,004,443	\$8,275,913	
2031	\$706,079	\$58,194	\$56,324	\$820,597	\$218,504	\$0	\$0	\$0	\$218,504	\$1,033,975	\$8,581,249	
2032	\$739,025	\$59,603	\$57,732	\$856,360	\$210,867	\$0	\$0	\$0	\$210,867	\$1,067,227	\$8,881,396	
2033	\$764,281	\$61,093	\$59,175	\$884,549	\$210,867	\$0	\$0	\$0	\$210,867	\$1,095,417	\$9,174,802	
2034	\$800,332	\$63,020	\$60,655	\$924,007	\$210,867	\$0	\$0	\$0	\$210,867	\$1,134,875	\$9,464,301	
2035	\$838,710	\$64,594	\$62,171	\$965,476	\$210,867	\$0	\$0	\$0	\$210,867	\$1,176,343	\$9,750,089	

Table B.1-15 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Allowance Prices

Case Description Fuel Forecast: Base Case Load Forecast: Base Case		Economic Parameters CPW Discount Rate: 5.0% Final Capital Escalation Rate: 2.5% Base Year for CPW \$: 2006		Financial Parameters Interest During Construction: 5.00% Fixed Charge Rate CT: (20 year): 8.97% Fixed Charge Rate CC: (25 year): 7.92% Fixed Charge Rate Coal: (30 year): 7.25%	
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Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/12	808,391	58,641
CFB	696,360	44	05/01/14	893,999	64,851
LMS6000	43,458	12	05/01/19	61,125	5,484
CFB	696,360	44	05/01/20	1,036,812	75,210

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603
2009	\$340,997	\$30,317	\$0	\$371,314	\$0	\$0	\$0	\$0	\$0	\$0	\$371,314	\$1,564,358
2010	\$291,785	\$30,219	\$0	\$322,004	\$0	\$0	\$0	\$0	\$0	\$0	\$322,004	\$1,829,271
2011	\$304,018	\$33,395	\$645	\$338,059	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$343,185	\$2,098,166
2012	\$278,609	\$27,293	\$6,482	\$312,385	\$46,891	\$973	\$0	\$0	\$592	\$48,455	\$360,840	\$2,367,430
2013	\$286,198	\$22,931	\$9,404	\$318,533	\$66,277	\$997	\$0	\$0	\$924	\$68,198	\$386,731	\$2,642,273
2014	\$283,406	\$22,840	\$17,458	\$323,704	\$109,807	\$1,022	\$0	\$0	\$966	\$111,795	\$435,499	\$2,937,036
2015	\$297,424	\$23,746	\$21,820	\$337,989	\$131,128	\$1,047	\$0	\$0	\$1,009	\$133,185	\$471,174	\$3,248,759
2016	\$311,858	\$25,201	\$22,365	\$359,424	\$131,128	\$1,073	\$0	\$0	\$1,055	\$133,256	\$492,681	\$3,543,222
2017	\$328,540	\$26,798	\$22,924	\$378,263	\$131,128	\$1,100	\$0	\$0	\$1,102	\$133,330	\$511,593	\$3,842,340
2018	\$346,119	\$28,231	\$23,497	\$397,847	\$131,128	\$1,128	\$0	\$0	\$1,152	\$133,408	\$531,255	\$4,138,162
2019	\$371,356	\$30,044	\$24,822	\$426,222	\$134,809	\$1,156	\$0	\$0	\$1,204	\$137,169	\$563,391	\$4,436,941
2020	\$369,955	\$30,703	\$34,880	\$426,538	\$186,958	\$1,185	\$0	\$0	\$1,258	\$189,400	\$615,938	\$4,748,031
2021	\$364,259	\$32,989	\$40,304	\$436,952	\$211,823	\$1,215	\$0	\$0	\$1,314	\$214,351	\$651,303	\$5,061,319
2022	\$387,559	\$34,088	\$41,311	\$462,958	\$211,823	\$1,245	\$0	\$0	\$1,373	\$214,441	\$677,399	\$5,371,643
2023	\$421,478	\$36,069	\$42,344	\$499,890	\$211,823	\$1,276	\$0	\$0	\$1,435	\$214,534	\$714,424	\$5,683,344
2024	\$458,062	\$38,818	\$43,403	\$540,283	\$211,823	\$1,308	\$0	\$0	\$1,500	\$214,630	\$754,913	\$5,997,026
2025	\$493,147	\$41,101	\$44,488	\$578,736	\$211,823	\$1,341	\$0	\$0	\$1,567	\$214,730	\$793,467	\$6,311,028
2026	\$512,452	\$42,541	\$45,600	\$600,593	\$211,823	\$1,374	\$0	\$0	\$1,638	\$214,834	\$815,427	\$6,618,354
2027	\$524,574	\$43,738	\$46,740	\$615,052	\$211,823	\$1,408	\$0	\$0	\$1,712	\$214,943	\$829,994	\$6,916,274
2028	\$549,447	\$44,986	\$47,908	\$642,341	\$211,823	\$1,444	\$0	\$0	\$1,789	\$215,055	\$857,396	\$7,209,374
2029	\$572,580	\$46,488	\$49,106	\$668,174	\$211,823	\$1,480	\$0	\$0	\$1,869	\$215,171	\$883,345	\$7,496,966
2030	\$588,308	\$47,625	\$50,334	\$686,267	\$211,823	\$1,517	\$0	\$0	\$1,953	\$215,292	\$901,560	\$7,776,511
2031	\$614,268	\$48,835	\$51,592	\$714,695	\$206,697	\$1,555	\$0	\$0	\$2,041	\$210,292	\$924,987	\$8,049,662
2032	\$641,628	\$50,255	\$52,882	\$744,765	\$204,186	\$1,594	\$0	\$0	\$2,133	\$207,912	\$952,677	\$8,317,594
2033	\$660,140	\$51,301	\$54,204	\$765,645	\$204,186	\$1,633	\$0	\$0	\$2,229	\$208,048	\$973,693	\$8,578,396
2034	\$689,496	\$52,617	\$55,559	\$797,672	\$204,186	\$1,674	\$0	\$0	\$2,329	\$208,189	\$1,005,862	\$8,834,985
2035	\$720,256	\$54,112	\$56,948	\$831,317	\$204,186	\$1,716	\$0	\$0	\$2,434	\$208,336	\$1,039,652	\$9,087,565

Table B.1-16 Expansion Plan Economic Summary - Without Taylor Energy Center in 2012 - Low Allowance Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
CFB	696,360	44	05/01/12	850,960	61,729
CFB	696,360	44	05/01/14	893,999	64,851
LMS100	73,360	17	05/01/18	101,178	9,078
CFB	696,360	44	05/01/20	1,036,812	75,210

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603
2009	\$340,997	\$30,317	\$0	\$371,314	\$0	\$0	\$0	\$0	\$0	\$0	\$371,314	\$1,564,358
2010	\$291,785	\$30,219	\$0	\$322,004	\$0	\$0	\$0	\$0	\$0	\$0	\$322,004	\$1,829,211
2011	\$304,018	\$33,395	\$645	\$338,059	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$343,185	\$2,098,166
2012	\$287,181	\$31,838	\$8,427	\$327,447	\$48,958	\$0	\$0	\$0	\$0	\$48,958	\$376,405	\$2,379,045
2013	\$300,197	\$29,608	\$12,374	\$342,180	\$69,365	\$0	\$0	\$0	\$0	\$69,365	\$445,545	\$2,671,522
2014	\$296,742	\$29,018	\$20,503	\$346,262	\$112,895	\$0	\$0	\$0	\$0	\$112,895	\$459,158	\$2,982,298
2015	\$305,544	\$29,974	\$24,941	\$360,458	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$494,674	\$3,301,169
2016	\$327,826	\$31,729	\$25,564	\$385,119	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$519,335	\$3,619,996
2017	\$347,353	\$33,469	\$26,203	\$407,025	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$541,241	\$3,936,448
2018	\$364,555	\$35,277	\$27,625	\$427,458	\$140,309	\$0	\$0	\$0	\$0	\$140,309	\$567,767	\$4,252,602
2019	\$393,013	\$37,250	\$28,701	\$458,964	\$143,294	\$0	\$0	\$0	\$0	\$143,294	\$602,257	\$4,571,992
2020	\$380,877	\$37,972	\$38,486	\$457,335	\$193,639	\$0	\$0	\$0	\$0	\$193,639	\$650,975	\$4,900,779
2021	\$387,521	\$39,533	\$44,000	\$471,054	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$689,558	\$5,232,468
2022	\$410,369	\$41,707	\$45,100	\$497,176	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$715,680	\$5,560,329
2023	\$449,282	\$43,793	\$46,228	\$539,303	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$757,807	\$5,890,958
2024	\$483,960	\$46,874	\$47,383	\$578,218	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$796,722	\$6,222,012
2025	\$520,074	\$49,582	\$48,568	\$618,224	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$836,728	\$6,553,134
2026	\$541,992	\$50,869	\$49,782	\$642,644	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$861,148	\$6,877,691
2027	\$557,975	\$52,314	\$51,027	\$661,315	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$879,819	\$7,193,496
2028	\$582,608	\$54,131	\$52,302	\$689,042	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$907,546	\$7,503,740
2029	\$608,499	\$55,462	\$53,610	\$717,571	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$936,075	\$7,808,499
2030	\$625,905	\$56,836	\$54,950	\$737,692	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$956,196	\$8,104,385
2031	\$653,746	\$58,579	\$56,324	\$768,649	\$213,378	\$0	\$0	\$0	\$0	\$213,378	\$982,027	\$8,394,960
2032	\$684,796	\$59,901	\$57,732	\$802,429	\$210,867	\$0	\$0	\$0	\$0	\$210,867	\$1,013,296	\$8,657,960
2033	\$703,963	\$61,223	\$59,175	\$824,361	\$210,867	\$0	\$0	\$0	\$0	\$210,867	\$1,035,228	\$8,957,245
2034	\$735,640	\$63,104	\$60,655	\$859,399	\$210,867	\$0	\$0	\$0	\$0	\$210,867	\$1,070,267	\$9,230,263
2035	\$771,467	\$64,481	\$62,171	\$898,119	\$210,867	\$0	\$0	\$0	\$0	\$210,867	\$1,108,987	\$9,499,687

Table B.1-17 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Regulated-CQ

Financial Parameters	
Interest During Construction:	5.00%
Fixed Charge Rate C.C. (20 year)	8.92%
Fixed Charge Rate C.C. (30 year)	7.92%
Fixed Charge Rate Cost: (30 year)	7.25%

Economic Parameters	
CPW Discount Rate:	5.0%
Final Capital Escalation Rate:	2.5%
Base Year for CPW \$	2006

Case Description	
Fuel Forecast:	Base Case
Load Forecast:	Base Case

Unit Addition	2006 Capital Cost (\$1,000)		Generation Additions		Month/Day/Year Installed		Installed Cost (\$1,000)	Levelized Cost (\$/MWh)	Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)
	Variable	Fixed	Construction and Development Period (months)	Installed (mm/dd/yyyy)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)			Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)					
MMS100	73,360	\$0	17	05/01/11	85,117	7,637			\$0	\$0	\$0	\$0	\$0	\$0	\$431,497	\$431,497
TEC	146	\$0	NA	05/01/12	807,773	58,596			\$0	\$0	\$0	\$0	\$0	\$0	\$424,712	\$856,209
MMS100	71,360	\$0	17	05/01/14	91,652	8,224			\$0	\$0	\$0	\$0	\$0	\$0	\$430,617	\$1,286,826
CPB	696,360	\$0	44	05/01/15	916,349	66,472			\$0	\$0	\$0	\$0	\$0	\$0	\$371,421	\$1,547,414
CPB	696,360	\$0	44	05/01/21	1,062,684	77,087			\$0	\$0	\$0	\$0	\$0	\$0	\$320,368	\$1,811,006
									\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$341,802	\$2,078,817
									\$46,861	\$973	\$0	\$0	\$0	\$47,834	\$380,740	\$2,426,561
									\$66,233	\$997	\$0	\$0	\$0	\$67,230	\$433,866	\$2,860,427
									\$71,753	\$1,022	\$0	\$0	\$0	\$72,775	\$485,262	\$3,345,689
									\$119,075	\$1,047	\$0	\$0	\$0	\$120,122	\$605,385	\$4,001,074
									\$140,928	\$1,073	\$0	\$0	\$0	\$142,001	\$747,386	\$4,748,460
									\$140,928	\$1,100	\$0	\$0	\$0	\$142,028	\$889,414	\$5,637,874
									\$140,928	\$1,156	\$0	\$0	\$0	\$142,084	\$1,031,500	\$6,669,374
									\$192,672	\$1,165	\$0	\$0	\$0	\$193,837	\$1,225,337	\$7,894,711
									\$218,015	\$1,245	\$0	\$0	\$0	\$219,260	\$1,444,597	\$9,339,308
									\$218,015	\$1,276	\$0	\$0	\$0	\$219,291	\$1,663,888	\$10,003,199
									\$218,015	\$1,308	\$0	\$0	\$0	\$219,323	\$1,883,211	\$10,676,410
									\$218,015	\$1,341	\$0	\$0	\$0	\$219,354	\$2,102,565	\$11,348,975
									\$218,015	\$1,374	\$0	\$0	\$0	\$219,386	\$2,321,949	\$12,021,924
									\$218,015	\$1,444	\$0	\$0	\$0	\$219,459	\$2,541,408	\$12,695,383
									\$218,015	\$1,517	\$0	\$0	\$0	\$219,532	\$2,760,880	\$13,368,842
									\$212,889	\$1,555	\$0	\$0	\$0	\$214,444	\$2,980,324	\$14,042,301
									\$210,379	\$1,584	\$0	\$0	\$0	\$211,963	\$3,200,287	\$14,716,760
									\$210,379	\$1,633	\$0	\$0	\$0	\$211,963	\$3,420,250	\$15,391,219
									\$204,859	\$1,674	\$0	\$0	\$0	\$206,533	\$3,640,213	\$16,065,678
									\$202,155	\$1,716	\$0	\$0	\$0	\$203,871	\$3,860,176	\$16,740,137
									\$202,155	\$1,716	\$0	\$0	\$0	\$203,871	\$4,080,139	\$17,414,596
									\$202,155	\$1,716	\$0	\$0	\$0	\$203,871	\$4,300,102	\$18,089,055

Table B.1-18 Expansion Plan Economic Summary - Without Taylor Energy Center in 2012 - Regulated-CO₂

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:		5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:		2.5%	Fixed Charge Rate CF: (20 year)	8.97%	
		Base Year for CPW \$		2006	Fixed Charge Rate CC: (25 year)	7.92%	
					Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
CFB	696,360	44	05/01/12	830,960	61,729
CFB	696,360	44	05/01/14	893,999	64,851
LMS100	73,360	17	05/01/18	101,178	9,078
CFB	696,360	44	05/01/20	1,036,812	75,210

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$367,075	\$64,422	\$0	\$431,497	\$0	\$0	\$0	\$0	\$0	\$0	\$431,497	\$431,497
2007	\$372,279	\$52,433	\$0	\$424,712	\$0	\$0	\$0	\$0	\$0	\$0	\$424,712	\$835,984
2008	\$400,197	\$30,420	\$0	\$430,617	\$0	\$0	\$0	\$0	\$0	\$0	\$430,617	\$1,226,567
2009	\$341,101	\$30,320	\$0	\$371,421	\$0	\$0	\$0	\$0	\$0	\$0	\$371,421	\$1,547,414
2010	\$290,192	\$30,206	\$0	\$320,398	\$0	\$0	\$0	\$0	\$0	\$0	\$320,398	\$1,811,006
2011	\$302,672	\$33,359	\$645	\$336,676	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$341,802	\$2,078,817
2012	\$307,568	\$32,186	\$8,427	\$348,181	\$48,958	\$0	\$0	\$0	\$0	\$48,958	\$397,139	\$2,375,168
2013	\$347,836	\$30,289	\$12,374	\$390,499	\$69,365	\$0	\$0	\$0	\$0	\$69,365	\$459,864	\$2,701,985
2014	\$368,907	\$28,942	\$20,503	\$418,352	\$112,895	\$0	\$0	\$0	\$0	\$112,895	\$531,247	\$3,061,554
2015	\$377,768	\$29,913	\$24,941	\$432,622	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$566,838	\$3,426,943
2016	\$403,291	\$31,640	\$25,564	\$460,495	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$594,711	\$3,792,044
2017	\$415,767	\$33,374	\$26,203	\$475,344	\$134,216	\$0	\$0	\$0	\$0	\$134,216	\$609,560	\$4,148,441
2018	\$376,526	\$35,291	\$27,625	\$439,442	\$140,309	\$0	\$0	\$0	\$0	\$140,309	\$579,751	\$4,471,268
2019	\$410,519	\$37,265	\$28,701	\$476,486	\$143,294	\$0	\$0	\$0	\$0	\$143,294	\$619,779	\$4,799,950
2020	\$389,234	\$37,966	\$38,486	\$464,686	\$193,639	\$0	\$0	\$0	\$0	\$193,639	\$658,325	\$5,132,449
2021	\$400,111	\$39,525	\$44,000	\$483,636	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$702,140	\$5,470,190
2022	\$462,726	\$42,063	\$45,100	\$549,890	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$768,394	\$5,822,200
2023	\$515,776	\$45,679	\$46,228	\$607,682	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$826,186	\$6,182,663
2024	\$529,261	\$48,084	\$47,383	\$624,728	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$843,232	\$6,533,043
2025	\$567,726	\$50,577	\$48,568	\$666,871	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$885,375	\$6,883,416
2026	\$588,705	\$51,713	\$49,782	\$690,200	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$908,704	\$7,225,897
2027	\$612,222	\$52,907	\$51,027	\$716,155	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$934,659	\$7,561,386
2028	\$645,956	\$54,528	\$52,302	\$752,786	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$971,290	\$7,893,421
2029	\$682,181	\$55,702	\$53,610	\$791,493	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$1,009,997	\$8,222,248
2030	\$706,462	\$57,022	\$54,950	\$818,434	\$218,504	\$0	\$0	\$0	\$0	\$218,504	\$1,036,938	\$8,543,769
2031	\$745,605	\$58,782	\$56,324	\$860,711	\$213,378	\$0	\$0	\$0	\$0	\$213,378	\$1,074,089	\$8,860,950
2032	\$787,383	\$60,008	\$57,732	\$905,123	\$210,867	\$0	\$0	\$0	\$0	\$210,867	\$1,115,991	\$9,174,812
2033	\$817,834	\$61,414	\$59,175	\$938,424	\$210,867	\$0	\$0	\$0	\$0	\$210,867	\$1,149,291	\$9,482,648
2034	\$864,285	\$63,302	\$60,655	\$988,242	\$210,867	\$0	\$0	\$0	\$0	\$210,867	\$1,199,109	\$9,788,533
2035	\$914,457	\$64,644	\$62,171	\$1,041,272	\$210,867	\$0	\$0	\$0	\$0	\$210,867	\$1,252,139	\$10,092,736

Case Description		Generation Additions				Production Cost										Year		
Fuel Forecast:	Base Case	2006	Construction and Development Period (months)	Month/ByYear Installed	2006 Capital Cost (\$1,000)	Unit Addition		Production Cost		O&M		Fixed		Variable		Year		
						Cost (\$1,000)	Levelized Cost (\$1,000)	Cost (\$1,000)	Cost (\$1,000)	Cost (\$1,000)	Cost (\$1,000)	Cost (\$1,000)	Cost (\$1,000)					
Load Forecast:	Base Case					17	73,360	914,368	05/01/11	65,117	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2006	
						53	914,368	1,137,161	05/01/12	1,030,001	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2007	
						44	696,360	824,900	05/01/14	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2008
						44	696,360	824,900	05/01/20	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2010
						17	73,360	914,368	05/01/11	65,117	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2011	
						53	914,368	1,137,161	05/01/12	1,030,001	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2012	
						44	696,360	824,900	05/01/14	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2014
						44	696,360	824,900	05/01/20	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2016
						17	73,360	914,368	05/01/11	65,117	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2017	
						53	914,368	1,137,161	05/01/12	1,030,001	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2018	
						44	696,360	824,900	05/01/14	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2019
						44	696,360	824,900	05/01/20	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2020
						17	73,360	914,368	05/01/11	65,117	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2021	
						53	914,368	1,137,161	05/01/12	1,030,001	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2022	
						44	696,360	824,900	05/01/14	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2023
						44	696,360	824,900	05/01/20	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2024
						17	73,360	914,368	05/01/11	65,117	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2025	
						53	914,368	1,137,161	05/01/12	1,030,001	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2026	
						44	696,360	824,900	05/01/14	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2027
						44	696,360	824,900	05/01/20	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2028
						17	73,360	914,368	05/01/11	65,117	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2029	
						53	914,368	1,137,161	05/01/12	1,030,001	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2030	
						44	696,360	824,900	05/01/14	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2031
						44	696,360	824,900	05/01/20	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2032
						17	73,360	914,368	05/01/11	65,117	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2033	
						53	914,368	1,137,161	05/01/12	1,030,001	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2034	
						44	696,360	824,900	05/01/14	893,999	1,036,812	\$41,433	\$42,656	\$39,287	\$30,796	\$28,043	\$26,536	2035

Table B.1-20 Expansion Plan Economic Summary - With Joint IGCC in 2012

Financial Parameters	Economic Parameters	Case Description
Interest During Construction: 5.00%	CPW Discount Rate: 5.0%	Fuel Forecast:
Fixed Charge Rate CC: (25 year) 7.92%	Final Capital Escalation Rate: 2.5%	Base Case
Fixed Charge Rate Coal: (30 year) 7.25%	Base Year for CPW \$ 2006	Base Case

Table B.1-21 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Second PC Unit Available

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CF: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yyyy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/12	808,391	58,641
LMS100	73,360	17	05/01/14	91,662	8,224
LM6000	43,456	12	05/01/15	55,376	4,968
Second Jointly Owned Pulverized Coal Unit	NA	NA	05/01/16	891,488	64,669
LM6000	43,456	12	05/01/23	67,470	6,053
LM6000	43,456	12	05/01/24	69,160	6,205

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603
2009	\$341,429	\$30,474	\$0	\$371,903	\$0	\$0	\$0	\$0	\$0	\$0	\$371,903	\$1,564,866
2010	\$292,771	\$30,231	\$0	\$323,001	\$0	\$0	\$0	\$0	\$0	\$0	\$323,001	\$1,830,600
2011	\$305,277	\$33,353	\$645	\$339,275	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$344,401	\$2,100,448
2012	\$279,985	\$27,321	\$6,482	\$313,788	\$46,891	\$973	\$0	\$0	\$592	\$48,455	\$362,244	\$2,370,759
2013	\$287,738	\$22,944	\$9,404	\$320,086	\$66,277	\$897	\$0	\$0	\$924	\$68,198	\$388,285	\$2,646,706
2014	\$313,322	\$23,900	\$10,334	\$347,556	\$71,798	\$1,022	\$0	\$0	\$966	\$73,785	\$421,341	\$2,931,886
2015	\$333,570	\$25,527	\$11,608	\$370,706	\$77,836	\$1,047	\$0	\$0	\$1,009	\$79,893	\$450,599	\$3,222,346
2016	\$314,872	\$21,828	\$18,301	\$354,601	\$122,759	\$1,073	\$0	\$0	\$1,055	\$124,887	\$479,488	\$3,516,710
2017	\$310,868	\$21,030	\$21,805	\$353,703	\$144,138	\$1,100	\$0	\$0	\$1,102	\$146,341	\$500,043	\$3,809,075
2018	\$322,155	\$22,305	\$22,350	\$366,810	\$144,138	\$1,128	\$0	\$0	\$1,152	\$146,418	\$513,228	\$4,094,860
2019	\$348,515	\$23,823	\$22,909	\$395,247	\$144,138	\$2,312	\$0	\$0	\$2,011	\$148,462	\$543,709	\$4,383,200
2020	\$378,430	\$25,020	\$23,481	\$426,931	\$144,138	\$2,370	\$0	\$0	\$2,515	\$149,023	\$575,955	\$4,674,096
2021	\$397,079	\$26,683	\$24,068	\$447,830	\$144,138	\$2,429	\$0	\$0	\$2,829	\$149,196	\$597,026	\$4,961,276
2022	\$420,029	\$28,390	\$24,670	\$473,089	\$144,138	\$2,490	\$0	\$0	\$2,747	\$149,375	\$622,463	\$5,246,434
2023	\$456,486	\$29,976	\$26,100	\$512,562	\$148,201	\$2,552	\$0	\$0	\$2,870	\$153,624	\$666,186	\$5,534,988
2024	\$495,343	\$31,952	\$27,995	\$555,290	\$154,345	\$2,616	\$0	\$0	\$3,000	\$159,961	\$715,251	\$5,834,290
2025	\$532,844	\$33,862	\$29,113	\$595,819	\$156,397	\$2,681	\$0	\$0	\$3,135	\$162,212	\$758,032	\$6,134,269
2026	\$558,257	\$34,544	\$29,841	\$622,642	\$156,397	\$2,748	\$0	\$0	\$3,276	\$162,421	\$785,062	\$6,430,151
2027	\$589,688	\$35,529	\$30,587	\$655,804	\$156,397	\$2,817	\$0	\$0	\$3,423	\$162,637	\$798,441	\$6,716,745
2028	\$597,238	\$36,446	\$31,351	\$665,036	\$156,397	\$2,887	\$0	\$0	\$3,577	\$162,861	\$827,897	\$6,989,761
2029	\$626,733	\$37,208	\$32,135	\$696,076	\$156,397	\$2,960	\$0	\$0	\$3,738	\$163,094	\$859,170	\$7,279,482
2030	\$645,245	\$38,250	\$32,939	\$716,433	\$156,397	\$3,034	\$0	\$0	\$3,906	\$163,337	\$879,770	\$7,552,271
2031	\$673,506	\$39,228	\$33,762	\$746,496	\$151,271	\$3,109	\$0	\$0	\$4,082	\$158,462	\$904,958	\$7,819,507
2032	\$708,856	\$40,092	\$34,606	\$783,554	\$148,760	\$3,187	\$0	\$0	\$4,266	\$156,213	\$937,767	\$8,083,246
2033	\$728,151	\$41,175	\$35,471	\$804,797	\$148,760	\$3,267	\$0	\$0	\$4,458	\$156,484	\$961,282	\$8,340,723
2034	\$760,186	\$42,241	\$36,358	\$838,785	\$143,240	\$3,348	\$0	\$0	\$4,658	\$151,247	\$990,032	\$8,593,274
2035	\$798,581	\$43,170	\$37,267	\$879,018	\$137,201	\$3,432	\$0	\$0	\$4,868	\$145,501	\$1,024,519	\$8,842,177

Table B.1-22 Expansion Plan Economic Summary - All Natural Gas Capacity Expansion Plan

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coat: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
/FA SC	81,088	14	05/01/12	96,150	8,627
/FA 1X1	229,712	30	05/01/13	283,699	22,455
LMS100	73,360	17	05/01/17	98,710	8,856
/FA 1X1	229,712	30	05/01/19	329,004	26,041

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,633
2009	\$341,429	\$30,474	\$0	\$371,903	\$0	\$0	\$0	\$0	\$0	\$0	\$371,903	\$1,564,866
2010	\$292,771	\$30,231	\$0	\$323,001	\$0	\$0	\$0	\$0	\$0	\$0	\$323,001	\$1,830,600
2011	\$305,290	\$33,352	\$645	\$339,287	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$344,413	\$2,100,457
2012	\$323,460	\$35,393	\$1,585	\$360,438	\$13,411	\$0	\$0	\$0	\$0	\$13,411	\$373,849	\$2,379,429
2013	\$340,198	\$31,629	\$10,418	\$382,245	\$31,336	\$0	\$0	\$0	\$0	\$31,336	\$413,581	\$2,673,353
2014	\$370,024	\$31,703	\$14,680	\$416,407	\$38,718	\$0	\$0	\$0	\$0	\$38,718	\$455,125	\$2,981,400
2015	\$394,011	\$33,529	\$14,785	\$442,325	\$38,718	\$0	\$0	\$0	\$0	\$38,718	\$481,043	\$3,291,484
2016	\$425,299	\$35,542	\$14,893	\$475,735	\$38,718	\$0	\$0	\$0	\$0	\$38,718	\$514,453	\$3,607,313
2017	\$451,802	\$37,482	\$15,752	\$505,035	\$44,663	\$0	\$0	\$0	\$0	\$44,663	\$549,698	\$3,928,710
2018	\$477,785	\$39,230	\$16,259	\$533,274	\$47,574	\$0	\$0	\$0	\$0	\$47,574	\$580,849	\$4,252,148
2019	\$503,918	\$40,033	\$25,129	\$569,081	\$65,054	\$0	\$0	\$0	\$0	\$65,054	\$634,135	\$4,588,444
2020	\$537,454	\$41,586	\$29,614	\$608,654	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$682,269	\$4,933,036
2021	\$570,488	\$43,499	\$29,831	\$643,818	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$717,433	\$5,278,134
2022	\$609,441	\$46,217	\$30,053	\$685,712	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$759,327	\$5,625,990
2023	\$656,627	\$48,758	\$30,281	\$735,665	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$809,280	\$5,979,076
2024	\$700,779	\$50,911	\$30,514	\$782,205	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$855,820	\$6,334,697
2025	\$751,356	\$53,772	\$30,753	\$835,882	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$909,497	\$6,694,606
2026	\$787,090	\$55,171	\$30,998	\$873,259	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$946,874	\$7,051,473
2027	\$816,503	\$56,219	\$31,250	\$903,972	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$977,587	\$7,402,370
2028	\$856,330	\$57,856	\$31,507	\$945,693	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$1,019,308	\$7,750,820
2029	\$897,786	\$59,397	\$31,771	\$988,954	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$1,062,569	\$8,096,762
2030	\$930,992	\$60,534	\$32,042	\$1,023,567	\$73,615	\$0	\$0	\$0	\$0	\$73,615	\$1,097,182	\$8,436,963
2031	\$976,918	\$62,326	\$32,319	\$1,071,563	\$68,489	\$0	\$0	\$0	\$0	\$68,489	\$1,140,052	\$8,773,624
2032	\$1,025,471	\$63,984	\$32,603	\$1,122,058	\$60,204	\$0	\$0	\$0	\$0	\$60,204	\$1,182,262	\$9,106,124
2033	\$1,063,459	\$65,195	\$32,895	\$1,161,549	\$57,352	\$0	\$0	\$0	\$0	\$57,352	\$1,218,901	\$9,432,805
2034	\$1,115,904	\$67,132	\$33,193	\$1,216,229	\$57,352	\$0	\$0	\$0	\$0	\$57,352	\$1,273,581	\$9,757,487
2035	\$1,171,269	\$68,906	\$33,500	\$1,273,674	\$57,352	\$0	\$0	\$0	\$0	\$57,352	\$1,331,026	\$10,080,855

Table B.1-23 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Direct-Fired Biomass in 2011

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CG: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/12	808,391	58,641
CFB	696,360	44	05/01/14	893,999	64,851
CFB	696,360	44	05/01/20	1,036,812	75,210
BIOMASS	NA	NA	05/01/11	78,909	5,724

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Biomass Fuel, VOM, & FOM Cost (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,293	\$64,408	\$0	\$432,701	\$0	\$0	\$0	\$0	\$0	\$0	\$432,701	\$432,701
2007	\$384,626	\$56,758	\$0	\$441,384	\$0	\$0	\$0	\$0	\$0	\$0	\$441,384	\$853,067
2008	\$401,192	\$30,287	\$0	\$431,478	\$0	\$0	\$0	\$0	\$0	\$0	\$431,478	\$1,244,431
2009	\$342,215	\$30,273	\$0	\$372,488	\$0	\$0	\$0	\$0	\$0	\$0	\$372,488	\$1,566,200
2010	\$282,237	\$30,334	\$0	\$322,571	\$0	\$0	\$0	\$0	\$0	\$0	\$322,571	\$1,831,580
2011	\$287,862	\$32,430	\$645	\$331,037	\$8,968	\$0	\$0	\$8,665	\$0	\$17,653	\$348,690	\$2,104,788
2012	\$271,366	\$25,929	\$6,482	\$303,777	\$52,615	\$973	\$0	\$13,262	\$592	\$67,441	\$371,219	\$2,381,797
2013	\$279,734	\$21,839	\$9,404	\$310,977	\$72,001	\$997	\$0	\$13,594	\$924	\$87,516	\$398,493	\$2,664,986
2014	\$275,395	\$21,939	\$17,458	\$314,792	\$115,531	\$1,022	\$0	\$13,934	\$966	\$131,452	\$446,244	\$2,967,034
2015	\$287,629	\$22,783	\$21,820	\$332,232	\$136,852	\$1,047	\$0	\$14,282	\$1,009	\$153,191	\$485,422	\$3,279,942
2016	\$307,170	\$24,294	\$22,365	\$353,828	\$136,852	\$1,073	\$0	\$14,639	\$1,055	\$153,619	\$507,448	\$3,591,470
2017	\$323,530	\$25,707	\$22,924	\$372,161	\$136,852	\$1,100	\$0	\$15,005	\$1,102	\$154,059	\$526,220	\$3,899,141
2018	\$339,895	\$27,158	\$23,497	\$390,551	\$136,852	\$1,128	\$0	\$15,380	\$1,152	\$154,512	\$545,062	\$4,202,652
2019	\$367,501	\$28,852	\$24,085	\$420,438	\$136,852	\$1,156	\$0	\$15,765	\$1,204	\$154,976	\$575,414	\$4,507,806
2020	\$357,732	\$29,787	\$33,754	\$421,273	\$187,198	\$1,185	\$0	\$16,159	\$1,258	\$205,799	\$627,072	\$4,824,520
2021	\$364,267	\$31,348	\$39,151	\$434,765	\$212,062	\$1,215	\$0	\$16,563	\$1,314	\$231,154	\$665,919	\$5,144,839
2022	\$385,129	\$33,281	\$40,129	\$458,539	\$212,062	\$1,245	\$0	\$16,977	\$1,373	\$231,657	\$690,197	\$5,461,026
2023	\$421,909	\$35,082	\$41,133	\$498,124	\$212,062	\$1,276	\$0	\$17,401	\$1,435	\$232,175	\$730,299	\$5,779,653
2024	\$462,163	\$37,154	\$42,161	\$541,478	\$212,062	\$1,308	\$0	\$17,836	\$1,500	\$232,706	\$774,184	\$6,101,342
2025	\$497,085	\$39,540	\$43,215	\$579,840	\$212,062	\$1,341	\$0	\$18,282	\$1,567	\$233,252	\$813,092	\$6,423,110
2026	\$518,249	\$40,797	\$44,295	\$603,341	\$212,062	\$1,374	\$0	\$18,739	\$1,638	\$233,813	\$837,154	\$6,738,625
2027	\$533,254	\$42,116	\$45,403	\$620,773	\$212,062	\$1,408	\$0	\$19,208	\$1,712	\$234,390	\$855,163	\$7,045,579
2028	\$556,286	\$43,670	\$46,538	\$646,494	\$212,062	\$1,444	\$0	\$19,688	\$1,789	\$234,982	\$881,476	\$7,346,912
2029	\$582,229	\$44,919	\$47,701	\$674,849	\$212,062	\$1,480	\$0	\$20,180	\$1,869	\$235,591	\$910,440	\$7,643,325
2030	\$599,482	\$46,058	\$48,894	\$694,434	\$212,062	\$1,517	\$0	\$20,684	\$1,953	\$236,217	\$930,651	\$7,931,890
2031	\$624,795	\$47,640	\$50,116	\$722,551	\$203,094	\$1,555	\$0	\$21,202	\$2,041	\$227,892	\$950,442	\$8,212,556
2032	\$654,032	\$48,896	\$51,369	\$754,296	\$204,426	\$1,594	\$0	\$21,732	\$2,133	\$229,884	\$984,180	\$8,489,350
2033	\$674,195	\$49,876	\$52,653	\$776,724	\$204,426	\$1,633	\$0	\$22,275	\$2,229	\$230,563	\$1,007,287	\$8,759,150
2034	\$703,121	\$51,412	\$53,969	\$808,503	\$204,426	\$1,674	\$0	\$22,832	\$2,329	\$231,261	\$1,039,763	\$9,024,387
2035	\$737,017	\$52,648	\$55,319	\$844,984	\$204,426	\$1,716	\$0	\$23,403	\$2,434	\$231,978	\$1,076,962	\$9,286,031

Table B.1-24 Expansion Plan Economic Summary - Without Taylor Energy Center in 2012 - Direct-Fired Biomass in 2011

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:		5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:		2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$		2006	Fixed Charge Rate CC: (25 year)	7.92%	
					Fixed Charge Rate Coal: (30 year)	7.25%	

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
CFB	696,360	44	05/01/12	850,960	61,729
CFB	696,360	44	05/01/14	893,999	64,851
CFB	696,360	44	05/01/19	1,011,478	73,373
LMS100	73,360	17	05/01/25	120,268	10,790
BIOMASS	69,180	24	05/01/11	80,833	5,864

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Biomass Fuel, VOM, & FOM Cost (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,293	\$64,408	\$0	\$432,701	\$0	\$0	\$0	\$0	\$0	\$0	\$432,701	\$432,701
2007	\$384,626	\$56,758	\$0	\$441,384	\$0	\$0	\$0	\$0	\$0	\$0	\$441,384	\$853,067
2008	\$401,192	\$30,287	\$0	\$431,478	\$0	\$0	\$0	\$0	\$0	\$0	\$431,478	\$1,244,431
2009	\$342,215	\$30,273	\$0	\$372,488	\$0	\$0	\$0	\$0	\$0	\$0	\$372,488	\$1,566,200
2010	\$292,237	\$30,334	\$0	\$322,571	\$0	\$0	\$0	\$0	\$0	\$0	\$322,571	\$1,831,580
2011	\$297,962	\$32,430	\$645	\$331,037	\$9,062	\$0	\$0	\$8,685	\$0	\$17,747	\$348,784	\$2,104,861
2012	\$279,830	\$30,406	\$8,427	\$318,663	\$54,821	\$0	\$0	\$13,262	\$0	\$68,084	\$386,746	\$2,393,457
2013	\$293,756	\$28,276	\$12,374	\$334,406	\$75,229	\$0	\$0	\$13,594	\$0	\$88,823	\$423,229	\$2,694,238
2014	\$288,957	\$27,933	\$20,503	\$337,393	\$118,759	\$0	\$0	\$13,934	\$0	\$132,692	\$470,085	\$3,012,410
2015	\$300,337	\$28,897	\$24,941	\$354,175	\$140,080	\$0	\$0	\$14,282	\$0	\$164,362	\$508,536	\$3,340,217
2016	\$321,801	\$30,667	\$25,564	\$378,032	\$140,080	\$0	\$0	\$14,639	\$0	\$164,719	\$552,751	\$3,667,280
2017	\$342,210	\$32,276	\$26,203	\$400,689	\$140,080	\$0	\$0	\$15,005	\$0	\$165,085	\$555,773	\$3,992,229
2018	\$361,494	\$34,002	\$26,858	\$422,354	\$140,080	\$0	\$0	\$15,380	\$0	\$165,460	\$577,814	\$4,313,977
2019	\$356,206	\$35,274	\$36,376	\$427,856	\$189,330	\$0	\$0	\$15,765	\$0	\$205,094	\$632,951	\$4,649,644
2020	\$367,636	\$36,674	\$41,727	\$446,037	\$213,452	\$0	\$0	\$16,159	\$0	\$229,611	\$675,648	\$4,990,893
2021	\$387,669	\$38,413	\$42,770	\$468,851	\$213,452	\$0	\$0	\$16,563	\$0	\$230,015	\$698,866	\$5,327,059
2022	\$410,639	\$40,663	\$43,839	\$495,141	\$213,452	\$0	\$0	\$16,977	\$0	\$230,429	\$725,570	\$5,659,451
2023	\$450,025	\$42,698	\$44,835	\$537,658	\$213,452	\$0	\$0	\$17,401	\$0	\$230,853	\$768,511	\$5,994,750
2024	\$490,779	\$45,033	\$46,058	\$581,871	\$213,452	\$0	\$0	\$17,836	\$0	\$231,288	\$813,159	\$6,332,634
2025	\$525,401	\$47,718	\$48,064	\$621,183	\$220,695	\$0	\$0	\$18,282	\$0	\$238,977	\$860,160	\$6,673,029
2026	\$545,658	\$49,244	\$49,695	\$644,597	\$224,243	\$0	\$0	\$18,739	\$0	\$242,982	\$887,579	\$7,007,548
2027	\$566,213	\$50,773	\$50,937	\$667,922	\$224,243	\$0	\$0	\$19,208	\$0	\$243,450	\$911,373	\$7,334,879
2028	\$589,865	\$52,501	\$52,211	\$694,577	\$224,243	\$0	\$0	\$19,688	\$0	\$243,930	\$938,508	\$7,655,507
2029	\$615,968	\$53,990	\$53,516	\$723,474	\$224,243	\$0	\$0	\$20,180	\$0	\$244,423	\$967,897	\$7,970,827
2030	\$636,252	\$55,323	\$54,854	\$746,428	\$224,243	\$0	\$0	\$20,684	\$0	\$244,927	\$991,355	\$8,278,014
2031	\$663,998	\$57,106	\$56,225	\$777,329	\$215,181	\$0	\$0	\$21,202	\$0	\$246,382	\$1,013,712	\$8,577,366
2032	\$692,717	\$58,613	\$57,631	\$808,962	\$216,606	\$0	\$0	\$21,732	\$0	\$248,338	\$1,047,299	\$8,871,909
2033	\$718,043	\$59,940	\$59,072	\$837,055	\$216,606	\$0	\$0	\$22,275	\$0	\$248,881	\$1,075,936	\$9,160,097
2034	\$749,095	\$61,624	\$60,548	\$871,267	\$216,606	\$0	\$0	\$22,832	\$0	\$249,438	\$1,110,705	\$9,443,431
2035	\$781,969	\$63,138	\$62,062	\$907,169	\$216,606	\$0	\$0	\$23,403	\$0	\$240,009	\$1,147,177	\$9,722,133

Table B.1-25 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 on PRB

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yyyy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/12	808,391	58,641
CFB	696,360	44	05/01/14	893,999	64,851
LM6000	43,456	12	05/01/19	61,125	5,484
CFB	696,360	44	05/01/20	1,036,812	75,210

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603
2009	\$341,429	\$30,474	\$0	\$371,903	\$0	\$0	\$0	\$0	\$0	\$0	\$371,903	\$1,564,866
2010	\$292,771	\$30,231	\$0	\$323,001	\$0	\$0	\$0	\$0	\$0	\$0	\$323,001	\$1,830,600
2011	\$305,290	\$33,352	\$645	\$339,287	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$344,413	\$2,100,457
2012	\$275,891	\$27,384	\$6,482	\$309,757	\$46,891	\$973	\$0	\$0	\$592	\$48,455	\$358,212	\$2,367,760
2013	\$282,745	\$23,055	\$9,404	\$315,204	\$66,277	\$997	\$0	\$0	\$924	\$68,198	\$383,402	\$2,640,237
2014	\$279,343	\$22,930	\$17,458	\$319,731	\$109,807	\$1,022	\$0	\$0	\$965	\$111,795	\$431,525	\$2,932,311
2015	\$291,310	\$23,774	\$21,820	\$336,904	\$131,128	\$1,047	\$0	\$0	\$1,009	\$133,185	\$470,088	\$3,235,334
2016	\$311,273	\$25,330	\$22,365	\$358,969	\$131,128	\$1,073	\$0	\$0	\$1,055	\$133,256	\$492,225	\$3,537,517
2017	\$329,716	\$26,911	\$22,924	\$379,551	\$131,128	\$1,100	\$0	\$0	\$1,102	\$133,330	\$512,882	\$3,837,388
2018	\$350,557	\$28,258	\$23,497	\$402,313	\$131,128	\$1,128	\$0	\$0	\$1,152	\$133,408	\$535,720	\$4,135,697
2019	\$375,988	\$30,094	\$24,822	\$430,905	\$134,809	\$1,156	\$0	\$0	\$1,204	\$137,169	\$568,073	\$4,435,659
2020	\$366,222	\$30,919	\$34,880	\$432,021	\$186,958	\$1,185	\$0	\$0	\$1,258	\$189,400	\$621,421	\$4,750,819
2021	\$373,918	\$32,425	\$40,304	\$446,646	\$211,823	\$1,215	\$0	\$0	\$1,314	\$214,351	\$660,997	\$5,068,770
2022	\$397,245	\$34,248	\$41,311	\$472,805	\$211,823	\$1,245	\$0	\$0	\$1,373	\$214,441	\$687,246	\$5,383,605
2023	\$437,249	\$36,203	\$42,344	\$515,796	\$211,823	\$1,276	\$0	\$0	\$1,435	\$214,534	\$730,330	\$5,702,245
2024	\$478,040	\$38,262	\$43,403	\$559,705	\$211,823	\$1,308	\$0	\$0	\$1,500	\$214,630	\$774,336	\$6,023,998
2025	\$513,997	\$40,734	\$44,488	\$599,219	\$211,823	\$1,341	\$0	\$0	\$1,567	\$214,730	\$813,950	\$6,346,105
2026	\$534,442	\$42,198	\$45,600	\$622,240	\$211,823	\$1,374	\$0	\$0	\$1,638	\$214,834	\$837,075	\$6,661,590
2027	\$553,787	\$43,526	\$46,740	\$644,053	\$211,823	\$1,408	\$0	\$0	\$1,712	\$214,943	\$858,995	\$6,969,820
2028	\$578,384	\$44,956	\$47,908	\$671,248	\$211,823	\$1,444	\$0	\$0	\$1,789	\$215,055	\$886,303	\$7,272,902
2029	\$604,850	\$46,343	\$49,106	\$700,299	\$211,823	\$1,480	\$0	\$0	\$1,869	\$215,171	\$915,471	\$7,570,953
2030	\$624,234	\$47,467	\$50,334	\$722,055	\$211,823	\$1,517	\$0	\$0	\$1,953	\$215,292	\$937,347	\$7,861,595
2031	\$652,489	\$48,926	\$51,592	\$753,007	\$206,697	\$1,555	\$0	\$0	\$2,041	\$210,292	\$963,299	\$8,146,059
2032	\$682,567	\$50,359	\$52,882	\$785,808	\$204,186	\$1,594	\$0	\$0	\$2,133	\$207,912	\$993,720	\$8,425,534
2033	\$705,736	\$51,467	\$54,204	\$811,407	\$204,186	\$1,633	\$0	\$0	\$2,229	\$208,048	\$1,019,456	\$8,698,593
2034	\$737,065	\$52,801	\$55,559	\$845,425	\$204,186	\$1,674	\$0	\$0	\$2,329	\$208,189	\$1,053,614	\$8,967,364
2035	\$772,507	\$54,221	\$56,948	\$883,676	\$204,186	\$1,716	\$0	\$0	\$2,434	\$208,336	\$1,092,012	\$9,232,664

Table B.1-26 Expansion Plan Economic Summary - With Taylor Energy Center in May of 2013

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:		5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:		2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$		2006	Fixed Charge Rate CC: (25 year)	7.92%	
					Fixed Charge Rate Coak: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
LMS100	73,360	17	05/01/11	85,117	7,637
TEC	NA	NA	05/01/13	827,926	60,058
CFB	696,360	44	05/01/14	893,999	64,851
CM6000	43,456	12	05/01/19	61,125	5,484
CFB	696,360	44	05/01/20	1,036,812	75,210

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$368,232	\$64,424	\$0	\$432,656	\$0	\$0	\$0	\$0	\$0	\$0	\$432,656	\$432,656
2007	\$384,678	\$56,755	\$0	\$441,433	\$0	\$0	\$0	\$0	\$0	\$0	\$441,433	\$853,069
2008	\$400,134	\$30,430	\$0	\$430,564	\$0	\$0	\$0	\$0	\$0	\$0	\$430,564	\$1,243,603
2009	\$341,429	\$30,474	\$0	\$371,903	\$0	\$0	\$0	\$0	\$0	\$0	\$371,903	\$1,564,866
2010	\$292,771	\$30,231	\$0	\$323,001	\$0	\$0	\$0	\$0	\$0	\$0	\$323,001	\$1,830,600
2011	\$305,290	\$33,352	\$645	\$339,287	\$5,126	\$0	\$0	\$0	\$0	\$5,126	\$344,413	\$2,100,457
2012	\$323,887	\$34,975	\$985	\$359,847	\$7,637	\$93	\$0	\$0	\$592	\$9,201	\$369,048	\$2,375,846
2013	\$307,333	\$26,823	\$6,644	\$340,800	\$47,949	\$997	\$0	\$0	\$924	\$49,870	\$390,670	\$2,653,486
2014	\$265,963	\$22,849	\$17,458	\$326,269	\$111,224	\$1,022	\$0	\$0	\$966	\$113,212	\$439,481	\$2,950,946
2015	\$296,457	\$23,756	\$21,820	\$342,032	\$132,545	\$1,047	\$0	\$0	\$1,009	\$134,602	\$476,634	\$3,258,189
2016	\$316,365	\$25,228	\$22,365	\$363,958	\$132,545	\$1,073	\$0	\$0	\$1,055	\$134,673	\$498,631	\$3,564,305
2017	\$332,390	\$26,810	\$22,924	\$382,124	\$132,545	\$1,100	\$0	\$0	\$1,102	\$134,748	\$498,631	\$3,866,509
2018	\$350,569	\$28,250	\$23,497	\$402,316	\$132,545	\$1,128	\$0	\$0	\$1,152	\$134,825	\$537,141	\$4,165,609
2019	\$376,687	\$30,044	\$24,822	\$431,552	\$136,226	\$1,156	\$0	\$0	\$1,204	\$138,586	\$570,138	\$4,467,966
2020	\$368,164	\$30,719	\$34,880	\$433,763	\$188,375	\$1,185	\$0	\$0	\$1,258	\$190,818	\$624,580	\$4,783,421
2021	\$372,334	\$32,406	\$40,304	\$445,044	\$213,240	\$1,215	\$0	\$0	\$1,314	\$215,768	\$660,812	\$5,101,283
2022	\$395,524	\$34,081	\$41,311	\$470,916	\$213,240	\$1,245	\$0	\$0	\$1,373	\$215,858	\$686,774	\$5,415,902
2023	\$431,785	\$36,114	\$42,344	\$510,243	\$213,240	\$1,276	\$0	\$0	\$1,435	\$215,951	\$726,193	\$5,732,738
2024	\$472,367	\$38,203	\$43,403	\$553,974	\$213,240	\$1,308	\$0	\$0	\$1,500	\$216,047	\$770,021	\$6,052,698
2025	\$509,029	\$40,511	\$44,488	\$594,028	\$213,240	\$1,341	\$0	\$0	\$1,567	\$216,147	\$810,175	\$6,373,311
2026	\$529,349	\$42,109	\$45,600	\$617,058	\$213,240	\$1,374	\$0	\$0	\$1,638	\$216,252	\$833,309	\$6,687,377
2027	\$543,760	\$43,456	\$46,740	\$633,956	\$213,240	\$1,408	\$0	\$0	\$1,712	\$216,360	\$850,316	\$6,992,591
2028	\$570,398	\$44,745	\$47,908	\$663,052	\$213,240	\$1,444	\$0	\$0	\$1,789	\$216,472	\$879,523	\$7,293,256
2029	\$594,686	\$46,264	\$49,106	\$690,056	\$213,240	\$1,480	\$0	\$0	\$1,869	\$216,588	\$906,644	\$7,588,434
2030	\$611,709	\$47,408	\$50,334	\$709,451	\$213,240	\$1,517	\$0	\$0	\$1,953	\$216,709	\$926,161	\$7,875,607
2031	\$640,558	\$48,704	\$51,592	\$740,855	\$208,114	\$1,555	\$0	\$0	\$2,041	\$211,709	\$952,564	\$8,156,901
2032	\$668,529	\$50,281	\$52,882	\$771,692	\$205,603	\$1,594	\$0	\$0	\$2,133	\$209,329	\$981,021	\$8,432,805
2033	\$688,320	\$51,361	\$54,204	\$793,885	\$205,603	\$1,633	\$0	\$0	\$2,229	\$209,465	\$1,003,350	\$8,701,550
2034	\$720,668	\$52,609	\$55,559	\$828,837	\$205,603	\$1,674	\$0	\$0	\$2,329	\$209,606	\$1,038,443	\$8,966,450
2035	\$753,846	\$54,133	\$56,948	\$864,927	\$205,603	\$1,716	\$0	\$0	\$2,434	\$209,753	\$1,074,680	\$9,227,540

Table C.5-6 Expansion Plan Economic Summary - With Taylor Energy Center in 2012

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
TEC:	NA	NA	05/01/12	654,610	47,485	
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072	
CFB UNIT RF	653,640	41	12/01/15	870,051	63,114	
GE LMS100 CT BF	72,912	17	12/01/20	107,191	9,617	
GE LMS100 CT RF	72,912	17	12/01/21	109,871	9,858	
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372	
GE LMS100 CT GF	76,720	17	12/01/22	118,500	10,632	
1x1 7FA CC BF	228,480	30	12/01/23	366,479	29,907	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$484,925	\$48,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,848
2011	\$534,412	\$62,015	\$0	\$596,427	\$0	\$0	\$0	\$0	\$0	\$0	\$596,427	\$2,721,165
2012	\$534,104	\$57,858	\$4,451	\$596,414	\$31,787	\$788	\$4,928	\$2,100	\$477	\$40,079	\$636,493	\$3,196,126
2013	\$542,108	\$58,439	\$7,609	\$608,156	\$52,587	\$807	\$7,392	\$0	\$748	\$61,535	\$669,690	\$3,672,062
2014	\$518,304	\$62,774	\$16,762	\$597,841	\$107,558	\$827	\$7,392	\$0	\$782	\$116,559	\$714,400	\$4,155,596
2015	\$574,301	\$67,247	\$18,034	\$659,583	\$112,918	\$848	\$7,392	\$0	\$817	\$121,975	\$781,558	\$4,659,395
2016	\$540,883	\$67,840	\$27,902	\$636,626	\$170,671	\$869	\$7,392	\$0	\$854	\$179,786	\$816,412	\$5,160,601
2017	\$522,831	\$63,602	\$28,600	\$614,832	\$170,671	\$891	\$7,392	\$0	\$892	\$179,846	\$794,679	\$5,625,233
2018	\$568,800	\$69,235	\$29,315	\$667,150	\$170,671	\$913	\$7,392	\$0	\$933	\$179,909	\$847,058	\$6,096,907
2019	\$609,429	\$71,818	\$30,048	\$711,294	\$170,671	\$936	\$7,392	\$0	\$974	\$179,974	\$891,268	\$6,569,565
2020	\$668,856	\$78,515	\$30,501	\$778,272	\$171,488	\$959	\$7,392	\$0	\$1,018	\$180,858	\$959,179	\$7,053,991
2021	\$708,734	\$81,343	\$33,042	\$823,120	\$182,007	\$983	\$7,392	\$0	\$1,064	\$191,446	\$1,014,566	\$7,542,014
2022	\$724,340	\$82,044	\$36,693	\$843,077	\$201,422	\$1,009	\$7,392	\$0	\$1,112	\$210,933	\$1,054,010	\$8,024,869
2023	\$704,922	\$85,762	\$40,324	\$830,988	\$213,614	\$1,033	\$7,392	\$0	\$1,162	\$223,201	\$1,144,189	\$8,524,075
2024	\$884,679	\$88,214	\$53,488	\$1,026,381	\$240,157	\$1,059	\$7,392	\$0	\$1,214	\$249,822	\$1,276,204	\$9,054,364
2025	\$959,126	\$93,804	\$54,564	\$1,107,493	\$240,157	\$1,086	\$7,392	\$0	\$1,269	\$249,903	\$1,357,396	\$9,591,531
2026	\$987,059	\$95,505	\$55,666	\$1,138,229	\$240,157	\$1,113	\$7,392	\$0	\$1,326	\$249,988	\$1,388,217	\$10,114,736
2027	\$1,015,876	\$97,239	\$56,796	\$1,169,911	\$240,157	\$1,141	\$7,392	\$0	\$1,386	\$250,075	\$1,419,966	\$10,624,429
2028	\$1,057,658	\$99,715	\$57,954	\$1,215,327	\$240,157	\$1,169	\$7,392	\$0	\$1,448	\$250,166	\$1,465,493	\$11,125,408
2029	\$1,110,705	\$102,148	\$59,141	\$1,271,993	\$240,157	\$1,198	\$7,392	\$0	\$1,513	\$250,260	\$1,522,254	\$11,621,010
2030	\$1,176,066	\$105,960	\$60,357	\$1,342,384	\$240,157	\$1,228	\$7,392	\$0	\$1,581	\$250,358	\$1,592,742	\$12,114,868
2031	\$1,196,723	\$105,852	\$61,604	\$1,364,179	\$240,157	\$1,259	\$7,392	\$0	\$1,653	\$250,460	\$1,614,639	\$12,591,675
2032	\$1,252,267	\$109,440	\$62,883	\$1,424,590	\$240,157	\$1,290	\$7,392	\$0	\$1,727	\$250,566	\$1,675,156	\$13,062,797
2033	\$1,304,449	\$111,477	\$64,193	\$1,480,114	\$240,157	\$1,323	\$7,392	\$0	\$1,805	\$250,676	\$1,730,790	\$13,526,387
2034	\$1,358,895	\$114,412	\$65,536	\$1,538,848	\$240,157	\$1,356	\$7,392	\$0	\$1,886	\$250,790	\$1,789,638	\$13,982,912
2035	\$1,434,115	\$119,183	\$66,912	\$1,620,210	\$240,157	\$1,390	\$7,392	\$0	\$1,971	\$250,909	\$1,871,119	\$14,437,494

Table C.5-7 Expansion Plan Economic Summary - Without Taylor Energy Center

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 CT BF	72,912	17	12/01/11	85,831	7,701
CFB UNIT BF	653,640	41	12/01/12	807,929	58,607
CFB UNIT BF	653,640	41	12/01/14	848,831	61,574
GE LMS100 CT BF	72,912	17	12/01/19	104,577	9,383
1x1 7FA CC BF	228,480	30	12/01/20	340,312	26,936
IGCC UNIT BF	855,480	38	12/01/22	1,349,507	97,893
GE LMS100 CT GF	76,720	17	12/01/23	121,462	10,898
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$484,925	\$48,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,848
2011	\$533,799	\$61,578	\$82	\$595,458	\$654	\$0	\$0	\$0	\$0	\$654	\$596,112	\$2,720,918
2012	\$575,868	\$65,675	\$1,777	\$643,321	\$12,678	\$0	\$0	\$0	\$0	\$12,678	\$655,999	\$3,210,434
2013	\$514,370	\$61,464	\$10,566	\$586,401	\$66,308	\$0	\$0	\$0	\$0	\$66,308	\$652,709	\$3,674,302
2014	\$563,428	\$71,101	\$11,663	\$646,192	\$71,538	\$0	\$0	\$0	\$0	\$71,538	\$717,729	\$4,160,090
2015	\$551,272	\$72,012	\$21,142	\$644,425	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$772,307	\$4,657,926
2016	\$584,044	\$74,841	\$21,670	\$680,556	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$808,438	\$5,154,237
2017	\$548,068	\$67,594	\$22,212	\$637,874	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$765,756	\$5,601,959
2018	\$604,155	\$73,800	\$22,767	\$700,722	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$828,604	\$6,063,356
2019	\$647,276	\$77,538	\$23,436	\$748,249	\$128,679	\$0	\$0	\$0	\$0	\$128,679	\$876,928	\$6,528,410
2020	\$704,310	\$82,148	\$26,230	\$812,688	\$139,552	\$0	\$0	\$0	\$0	\$139,552	\$952,241	\$7,009,356
2021	\$722,639	\$80,849	\$38,875	\$842,363	\$164,200	\$0	\$0	\$0	\$0	\$164,200	\$1,006,564	\$7,493,531
2022	\$769,561	\$88,070	\$41,064	\$898,695	\$172,515	\$0	\$0	\$0	\$0	\$172,515	\$1,071,216	\$7,984,264
2023	\$751,723	\$96,994	\$58,300	\$907,016	\$263,019	\$0	\$0	\$0	\$0	\$263,019	\$1,170,036	\$8,494,747
2024	\$862,583	\$102,531	\$61,251	\$1,026,365	\$273,940	\$0	\$0	\$0	\$0	\$273,940	\$1,300,305	\$9,035,050
2025	\$922,486	\$106,348	\$64,167	\$1,093,002	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,377,163	\$9,580,040
2026	\$946,249	\$108,351	\$65,509	\$1,120,109	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,404,270	\$10,109,295
2027	\$978,619	\$111,479	\$66,885	\$1,156,983	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,441,144	\$10,626,583
2028	\$1,022,396	\$114,332	\$68,295	\$1,205,023	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,489,185	\$11,135,661
2029	\$1,063,303	\$116,419	\$69,741	\$1,249,463	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,533,625	\$11,634,965
2030	\$1,135,794	\$120,947	\$71,223	\$1,327,964	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,612,126	\$12,134,833
2031	\$1,162,448	\$122,072	\$72,741	\$1,357,261	\$283,507	\$0	\$0	\$0	\$0	\$283,507	\$1,640,769	\$12,619,357
2032	\$1,209,512	\$125,185	\$74,298	\$1,408,995	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$1,685,455	\$13,093,375
2033	\$1,261,713	\$128,182	\$75,894	\$1,465,788	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$1,742,248	\$13,560,034
2034	\$1,317,080	\$131,240	\$77,529	\$1,525,850	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$1,802,310	\$14,019,792
2035	\$1,384,780	\$135,738	\$79,205	\$1,599,724	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$1,876,185	\$14,475,604

Case Description	Fuel Forecast	High Case	Base Case	Generation Additions				Unit Addition
				2006	Construction and Development Period (months)	Installed	Levelized Cost (\$/kWh)	
TEC	NA	NA	05/01/12	654,903	47,507			
CFB UNIT BF	653,640	653,640	12/01/13	828,128	60,072			
CFB UNIT BF	653,640	653,640	12/01/15	870,051	63,114			
GE LMS100 CT BF	72,912	72,912	12/01/20	107,191	9,617			
GE LMS100 CT BF	72,912	72,912	12/01/21	109,871	9,858			
GE LMS100 CT GF	76,720	76,720	12/01/21	115,609	10,272			
IGCC BF	855,480	855,480	12/01/22	1,349,507	97,893			
IGCC BF	855,480	855,480	12/01/24	124,499	11,170			

Year	Fuel and Energy Cost (\$1,000)	Variable (\$1,000)	Fixed (\$1,000)	O&M	Production Cost	Total Production Cost	Unit Capital Cost (\$1,000)	Commonly (\$1,000)	Transmission (\$1,000)	Change (\$1,000)	Seasonal Purchase (\$1,000)	Other Project Costs (\$1,000)	Ongoing (\$1,000)	Capex (\$1,000)	Address (\$1,000)	Total Capex (\$1,000)	Total System Cost (\$1,000)	Total System Worth (\$1,000)	Present Worth (\$1,000)	Cumulative	
2006	\$548,438	\$28,130	\$0	\$0	\$576,568	\$576,568	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$576,568	\$0	\$576,568	\$1,069,060	
2007	\$488,461	\$28,658	\$0	\$0	\$517,119	\$517,119	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$517,119	\$0	\$517,119	\$1,545,980	
2008	\$495,986	\$30,057	\$0	\$0	\$525,143	\$525,143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$525,143	\$0	\$525,143	\$1,986,752	
2009	\$497,033	\$35,488	\$0	\$0	\$532,520	\$532,520	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$532,520	\$0	\$532,520	\$2,485,935	
2010	\$545,891	\$48,583	\$0	\$0	\$594,483	\$594,483	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$594,483	\$0	\$594,483	\$3,085,299	
2011	\$601,802	\$61,729	\$0	\$0	\$663,531	\$663,531	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$663,531	\$0	\$663,531	\$3,751,581	
2012	\$602,693	\$67,685	\$4,451	\$0	\$674,829	\$674,829	\$1,801	\$78	\$4,928	\$2,100	\$477	\$40,094	\$704,693	\$1,556	\$748	\$1,556	\$704,693	\$3,053,299	\$3,053,299	\$3,053,299	
2013	\$608,082	\$68,302	\$7,609	\$0	\$683,991	\$683,991	\$2,609	\$87	\$7,392	\$748	\$1,556	\$704,693	\$1,556	\$748	\$1,556	\$704,693	\$4,054,322	\$4,054,322	\$4,054,322	\$4,054,322	
2014	\$680,535	\$62,811	\$16,782	\$0	\$760,109	\$760,109	\$10,579	\$87	\$7,392	\$748	\$1,556	\$704,693	\$1,556	\$748	\$1,556	\$704,693	\$4,800,015	\$4,800,015	\$4,800,015	\$4,800,015	
2015	\$647,323	\$67,331	\$18,034	\$0	\$732,688	\$732,688	\$12,939	\$848	\$7,392	\$891	\$892	\$179,868	\$855,284	\$817	\$121,996	\$817	\$1,131,339	\$6,667,343	\$6,667,343	\$6,667,343	\$6,667,343
2016	\$598,392	\$67,969	\$27,902	\$0	\$694,263	\$694,263	\$170,693	\$688	\$7,392	\$913	\$892	\$179,868	\$882,229	\$854	\$179,868	\$854	\$1,313,339	\$8,667,343	\$8,667,343	\$8,667,343	\$8,667,343
2017	\$639,899	\$68,863	\$29,315	\$0	\$738,076	\$738,076	\$170,693	\$913	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$1,568,889	\$10,657,404	\$10,657,404	\$10,657,404	\$10,657,404
2018	\$680,833	\$71,882	\$30,048	\$0	\$782,763	\$782,763	\$170,693	\$936	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$1,795,889	\$12,707,975	\$12,707,975	\$12,707,975	\$12,707,975
2019	\$757,692	\$78,717	\$30,901	\$0	\$867,310	\$867,310	\$177,509	\$959	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$2,058,331	\$14,935,468	\$14,935,468	\$14,935,468	\$14,935,468
2020	\$820,656	\$83,042	\$33,042	\$0	\$936,736	\$936,736	\$182,208	\$1,008	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$2,349,880	\$17,280,758	\$17,280,758	\$17,280,758	\$17,280,758
2021	\$849,637	\$83,116	\$33,116	\$0	\$965,869	\$965,869	\$192,433	\$1,103	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$2,671,949	\$19,852,928	\$19,852,928	\$19,852,928	\$19,852,928
2022	\$889,637	\$83,116	\$33,116	\$0	\$1,002,869	\$1,002,869	\$202,654	\$1,208	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$3,044,880	\$22,907,858	\$22,907,858	\$22,907,858	\$22,907,858
2023	\$922,922	\$83,116	\$33,116	\$0	\$1,079,154	\$1,079,154	\$208,884	\$1,308	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$3,467,331	\$26,375,189	\$26,375,189	\$26,375,189	\$26,375,189
2024	\$922,922	\$83,116	\$33,116	\$0	\$1,079,154	\$1,079,154	\$208,884	\$1,308	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$3,950,477	\$29,325,666	\$29,325,666	\$29,325,666	\$29,325,666
2025	\$1,033,264	\$103,644	\$39,906	\$0	\$1,176,814	\$1,176,814	\$299,382	\$1,509	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$4,442,663	\$32,778,330	\$32,778,330	\$32,778,330	\$32,778,330
2026	\$1,033,264	\$103,644	\$39,906	\$0	\$1,176,814	\$1,176,814	\$299,382	\$1,509	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$4,997,850	\$36,776,180	\$36,776,180	\$36,776,180	\$36,776,180
2027	\$1,070,621	\$108,943	\$62,939	\$0	\$1,242,503	\$1,242,503	\$309,603	\$1,613	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$5,621,442	\$41,397,622	\$41,397,622	\$41,397,622	\$41,397,622
2028	\$1,116,283	\$114,585	\$64,512	\$0	\$1,291,894	\$1,291,894	\$309,603	\$1,718	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$6,349,880	\$47,147,007	\$47,147,007	\$47,147,007	\$47,147,007
2029	\$1,176,650	\$114,585	\$66,125	\$0	\$1,357,359	\$1,357,359	\$309,603	\$1,823	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$7,167,065	\$53,284,072	\$53,284,072	\$53,284,072	\$53,284,072
2030	\$1,238,663	\$117,394	\$67,778	\$0	\$1,423,825	\$1,423,825	\$309,603	\$1,928	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$8,091,406	\$60,375,478	\$60,375,478	\$60,375,478	\$60,375,478
2031	\$1,287,981	\$118,596	\$69,473	\$0	\$1,496,050	\$1,496,050	\$309,603	\$2,033	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$9,107,850	\$68,483,328	\$68,483,328	\$68,483,328	\$68,483,328
2032	\$1,331,277	\$122,030	\$71,209	\$0	\$1,524,517	\$1,524,517	\$309,603	\$2,138	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$10,207,642	\$77,690,970	\$77,690,970	\$77,690,970	\$77,690,970
2033	\$1,400,126	\$125,465	\$72,990	\$0	\$1,598,580	\$1,598,580	\$309,603	\$2,243	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$11,407,850	\$88,098,820	\$88,098,820	\$88,098,820	\$88,098,820
2034	\$1,453,944	\$127,854	\$74,814	\$0	\$1,658,612	\$1,658,612	\$309,603	\$2,348	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$12,719,499	\$100,818,319	\$100,818,319	\$100,818,319	\$100,818,319
2035	\$1,535,952	\$132,337	\$76,885	\$0	\$1,744,973	\$1,744,973	\$309,603	\$2,453	\$7,392	\$913	\$892	\$179,868	\$892,229	\$892	\$179,868	\$892	\$14,147,850	\$115,966,169	\$115,966,169	\$115,966,169	\$115,966,169

Financial Parameters
Interest During Construction: 5.00%
Fixed Charge Rate CT: (25 year) 8.97%
Fixed Charge Rate Coal: (30 year) 7.25%

Economic Parameters
CPW Discount Rate: 5.0%
Final Capital Emission Rate: 2.5%
Base Year for CPW \$: 2006

Table C-1-1 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Fuel Prices

Table C.1-2 Expansion Plan Economic Summary - Without Taylor Energy Center - High Fuel Prices

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	High Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 CT BF	72,912	17	12/01/11	85,831	7,701
CFB UNIT BF	653,640	41	12/01/12	807,929	58,607
CFB UNIT BF	653,640	41	12/01/14	848,831	61,574
GE LMS100 CT BF	72,912	17	12/01/19	104,577	9,383
1x1 7FA CC BF	228,480	30	12/01/20	340,312	26,936
IGCC UNIT BF	855,480	38	12/01/22	1,349,507	97,893
GE LMS100 CT GF	76,720	17	12/01/23	121,462	10,898
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$548,436	\$28,130	\$0	\$576,565	\$0	\$0	\$0	\$0	\$0	\$0	\$576,565	\$576,565
2007	\$488,461	\$28,658	\$0	\$517,119	\$0	\$0	\$0	\$0	\$0	\$0	\$517,119	\$1,093,684
2008	\$495,086	\$30,057	\$0	\$525,143	\$0	\$0	\$0	\$0	\$0	\$0	\$525,143	\$1,618,827
2009	\$487,033	\$35,488	\$0	\$522,520	\$0	\$0	\$0	\$0	\$0	\$0	\$522,520	\$2,141,347
2010	\$545,891	\$48,593	\$0	\$594,483	\$0	\$0	\$0	\$0	\$0	\$0	\$594,483	\$2,735,830
2011	\$601,055	\$61,290	\$82	\$662,427	\$654	\$0	\$0	\$0	\$0	\$654	\$663,081	\$3,398,911
2012	\$653,535	\$65,116	\$1,777	\$720,427	\$12,678	\$0	\$0	\$0	\$0	\$12,678	\$733,106	\$4,132,017
2013	\$579,693	\$61,497	\$10,566	\$651,756	\$66,308	\$0	\$0	\$0	\$0	\$66,308	\$798,064	\$4,930,081
2014	\$636,597	\$70,616	\$11,663	\$718,875	\$71,538	\$0	\$0	\$0	\$0	\$71,538	\$869,602	\$5,799,683
2015	\$620,890	\$72,103	\$21,142	\$714,135	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$997,484	\$6,797,167
2016	\$656,858	\$75,628	\$21,670	\$754,156	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$1,125,366	\$8,922,533
2017	\$609,802	\$67,711	\$22,212	\$699,725	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$1,253,248	\$10,175,781
2018	\$684,823	\$73,882	\$22,767	\$781,473	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$1,381,130	\$11,556,911
2019	\$722,996	\$77,472	\$23,436	\$823,904	\$128,679	\$0	\$0	\$0	\$0	\$128,679	\$1,509,809	\$13,066,720
2020	\$798,841	\$82,292	\$26,230	\$907,363	\$139,552	\$0	\$0	\$0	\$0	\$139,552	\$1,649,361	\$14,716,081
2021	\$831,542	\$80,981	\$38,875	\$951,398	\$164,200	\$0	\$0	\$0	\$0	\$164,200	\$1,813,561	\$16,529,642
2022	\$902,592	\$88,280	\$41,064	\$1,031,936	\$172,515	\$0	\$0	\$0	\$0	\$172,515	\$1,986,076	\$18,515,718
2023	\$848,558	\$97,072	\$58,300	\$1,003,930	\$263,019	\$0	\$0	\$0	\$0	\$263,019	\$2,249,095	\$20,764,813
2024	\$963,094	\$102,812	\$61,251	\$1,127,157	\$273,940	\$0	\$0	\$0	\$0	\$273,940	\$2,523,035	\$23,287,848
2025	\$1,038,304	\$107,054	\$64,167	\$1,209,525	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$2,807,196	\$26,095,044
2026	\$1,069,882	\$109,101	\$65,509	\$1,244,492	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$3,091,357	\$29,186,401
2027	\$1,104,512	\$111,813	\$66,885	\$1,283,210	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$3,375,518	\$32,561,919
2028	\$1,157,379	\$114,710	\$68,295	\$1,340,384	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$3,659,679	\$36,221,598
2029	\$1,204,143	\$117,079	\$69,741	\$1,390,963	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$3,943,840	\$40,165,438
2030	\$1,290,675	\$121,387	\$71,223	\$1,483,284	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$4,227,999	\$45,393,437
2031	\$1,324,825	\$122,995	\$72,741	\$1,520,562	\$283,507	\$0	\$0	\$0	\$0	\$283,507	\$4,511,506	\$50,904,943
2032	\$1,379,546	\$125,757	\$74,298	\$1,579,601	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$4,787,966	\$56,692,909
2033	\$1,442,871	\$128,813	\$75,894	\$1,647,578	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$5,064,426	\$62,757,335
2034	\$1,509,387	\$132,007	\$77,529	\$1,718,923	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$5,340,886	\$69,098,221
2035	\$1,593,916	\$136,638	\$79,205	\$1,809,760	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$5,617,346	\$75,715,567

Table C.1-3 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Fuel Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Low Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions		Month/Day/Year Installed (mm/dd/yyyy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)			
TEC	NA	NA	05/01/12	652,666	47,344
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072
GE LMS100 CT BF	72,912	17	12/01/15	94,741	8,500
1x1 7FA CC BF	228,480	30	12/01/19	332,012	26,279
GE LMS100 CT BF	72,912	17	12/01/21	109,871	9,858
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372
GE LMS100 CT GF	76,720	17	12/01/22	118,500	10,632
CFB UNIT BF	653,640	41	12/01/23	1,060,073	76,898

Year	Production Cost				Capital Cost and Other Project Costs					Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$429,193	\$28,159	\$0	\$457,352	\$0	\$0	\$0	\$0	\$0	\$0	\$457,352	\$457,352
2007	\$389,958	\$28,800	\$0	\$418,758	\$0	\$0	\$0	\$0	\$0	\$0	\$418,758	\$856,169
2008	\$394,586	\$30,194	\$0	\$424,780	\$0	\$0	\$0	\$0	\$0	\$0	\$424,780	\$1,241,457
2009	\$393,085	\$35,615	\$0	\$428,701	\$0	\$0	\$0	\$0	\$0	\$0	\$428,701	\$1,611,785
2010	\$433,529	\$49,266	\$0	\$482,795	\$0	\$0	\$0	\$0	\$0	\$0	\$482,795	\$2,008,981
2011	\$465,965	\$61,936	\$0	\$527,901	\$0	\$0	\$0	\$0	\$0	\$0	\$527,901	\$2,422,605
2012	\$468,893	\$57,975	\$4,451	\$531,319	\$31,692	\$786	\$4,928	\$2,100	\$477	\$39,985	\$571,304	\$2,848,922
2013	\$492,077	\$59,314	\$7,609	\$549,000	\$52,446	\$807	\$7,392	\$0	\$748	\$61,394	\$610,394	\$3,282,717
2014	\$464,997	\$63,276	\$16,762	\$545,035	\$107,417	\$827	\$7,392	\$0	\$782	\$116,418	\$661,453	\$3,730,415
2015	\$515,430	\$67,357	\$17,272	\$600,058	\$108,139	\$848	\$7,392	\$0	\$817	\$117,196	\$717,254	\$4,192,763
2016	\$528,202	\$68,271	\$18,699	\$615,172	\$115,917	\$869	\$7,392	\$0	\$854	\$125,032	\$740,203	\$4,647,184
2017	\$510,281	\$66,886	\$19,166	\$596,333	\$115,917	\$891	\$7,392	\$0	\$892	\$125,092	\$715,425	\$5,065,478
2018	\$557,894	\$66,795	\$19,645	\$644,335	\$115,917	\$913	\$7,392	\$0	\$933	\$125,154	\$769,489	\$5,493,958
2019	\$600,221	\$71,363	\$21,240	\$692,824	\$118,149	\$936	\$7,392	\$0	\$974	\$127,451	\$820,275	\$5,928,968
2020	\$622,437	\$71,296	\$33,702	\$727,434	\$142,196	\$959	\$7,392	\$0	\$1,018	\$151,565	\$879,000	\$6,372,922
2021	\$662,706	\$75,012	\$34,526	\$772,244	\$143,914	\$983	\$7,392	\$0	\$1,064	\$153,353	\$925,597	\$6,818,150
2022	\$692,106	\$76,878	\$37,952	\$806,936	\$163,329	\$1,008	\$7,392	\$0	\$1,112	\$172,841	\$979,777	\$7,266,997
2023	\$738,125	\$81,775	\$41,245	\$861,146	\$179,589	\$1,033	\$7,392	\$0	\$1,162	\$189,176	\$1,050,321	\$7,725,249
2024	\$752,254	\$90,151	\$53,488	\$895,893	\$249,955	\$1,059	\$7,392	\$0	\$1,214	\$259,620	\$1,155,513	\$8,205,389
2025	\$811,291	\$96,271	\$64,564	\$971,126	\$249,955	\$1,086	\$7,392	\$0	\$1,269	\$259,702	\$1,220,828	\$8,688,511
2026	\$827,864	\$96,980	\$55,666	\$980,509	\$249,955	\$1,113	\$7,392	\$0	\$1,326	\$259,786	\$1,240,295	\$9,155,965
2027	\$845,095	\$97,641	\$56,796	\$999,532	\$249,955	\$1,141	\$7,392	\$0	\$1,386	\$259,873	\$1,259,406	\$9,608,020
2028	\$879,365	\$100,688	\$57,954	\$1,038,007	\$249,955	\$1,169	\$7,392	\$0	\$1,448	\$259,964	\$1,297,971	\$10,051,731
2029	\$914,472	\$102,698	\$59,141	\$1,076,311	\$249,955	\$1,198	\$7,392	\$0	\$1,513	\$260,059	\$1,336,369	\$10,486,814
2030	\$963,167	\$106,442	\$60,357	\$1,129,966	\$249,955	\$1,228	\$7,392	\$0	\$1,581	\$260,157	\$1,390,123	\$10,917,847
2031	\$976,991	\$106,166	\$61,604	\$1,144,761	\$249,955	\$1,259	\$7,392	\$0	\$1,653	\$260,258	\$1,405,020	\$11,332,753
2032	\$1,021,534	\$110,253	\$62,883	\$1,194,670	\$249,955	\$1,290	\$7,392	\$0	\$1,727	\$260,364	\$1,455,034	\$11,741,968
2033	\$1,053,559	\$111,667	\$64,193	\$1,229,419	\$249,955	\$1,323	\$7,392	\$0	\$1,805	\$260,474	\$1,489,893	\$12,141,033
2034	\$1,097,018	\$115,162	\$65,536	\$1,277,715	\$249,233	\$1,356	\$7,392	\$0	\$1,886	\$259,867	\$1,537,582	\$12,533,261
2035	\$1,146,032	\$119,245	\$66,912	\$1,332,189	\$241,455	\$1,390	\$7,392	\$0	\$1,971	\$252,207	\$1,584,396	\$12,918,164

Table C.1-4 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Fuel Prices

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Low Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
1x1 7FA CC BF	228,480	30	12/01/11	272,497	21,568
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072
GE LMS100 CT BF	72,912	17	12/01/15	94,741	8,500
GE LMS100 CT BF	72,912	17	12/01/19	104,577	9,383
CFB UNIT BF	653,640	41	12/01/20	984,383	71,407
2 x GE LMS100 CT GF	153,440	17	12/01/22	236,999	21,264
GE LMS100 CT GF	76,720	17	12/01/23	121,462	10,898
GE 7FA CT	85,870	14	12/01/24	138,928	12,465

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$429,193	\$28,159	\$0	\$457,352	\$0	\$0	\$0	\$0	\$0	\$0	\$457,352	\$457,352
2007	\$389,958	\$28,000	\$0	\$418,758	\$0	\$0	\$0	\$0	\$0	\$0	\$418,758	\$856,169
2008	\$394,586	\$30,194	\$0	\$424,780	\$0	\$0	\$0	\$0	\$0	\$0	\$424,780	\$1,241,457
2009	\$393,085	\$35,615	\$0	\$428,701	\$0	\$0	\$0	\$0	\$0	\$0	\$428,701	\$1,611,785
2010	\$433,529	\$49,266	\$0	\$482,795	\$0	\$0	\$0	\$0	\$0	\$0	\$482,795	\$2,008,981
2011	\$464,420	\$61,408	\$1,068	\$526,893	\$1,832	\$0	\$0	\$0	\$0	\$1,832	\$528,725	\$2,423,251
2012	\$474,024	\$57,510	\$12,598	\$544,132	\$21,568	\$0	\$0	\$0	\$0	\$21,568	\$565,700	\$2,845,385
2013	\$492,089	\$59,854	\$13,463	\$565,406	\$26,670	\$0	\$0	\$0	\$0	\$26,670	\$592,076	\$3,266,163
2014	\$475,354	\$64,612	\$22,501	\$562,467	\$81,641	\$0	\$0	\$0	\$0	\$81,641	\$644,107	\$3,702,120
2015	\$527,745	\$69,785	\$22,892	\$620,422	\$82,362	\$0	\$0	\$0	\$0	\$82,362	\$702,785	\$4,155,141
2016	\$543,166	\$70,699	\$24,198	\$638,063	\$90,141	\$0	\$0	\$0	\$0	\$90,141	\$728,204	\$4,602,195
2017	\$523,888	\$63,407	\$24,541	\$611,836	\$90,141	\$0	\$0	\$0	\$0	\$90,141	\$701,977	\$5,012,626
2018	\$579,396	\$69,581	\$24,892	\$673,870	\$90,141	\$0	\$0	\$0	\$0	\$90,141	\$764,010	\$5,438,056
2019	\$613,888	\$73,134	\$25,352	\$712,375	\$90,938	\$0	\$0	\$0	\$0	\$90,938	\$803,312	\$5,864,069
2020	\$654,986	\$78,017	\$27,788	\$760,790	\$105,588	\$0	\$0	\$0	\$0	\$105,588	\$866,378	\$6,301,649
2021	\$638,492	\$81,324	\$38,875	\$758,691	\$170,931	\$0	\$0	\$0	\$0	\$170,931	\$929,621	\$6,748,813
2022	\$681,879	\$87,667	\$39,869	\$809,415	\$172,736	\$0	\$0	\$0	\$0	\$172,736	\$982,152	\$7,198,748
2023	\$722,290	\$90,519	\$43,884	\$856,693	\$193,120	\$0	\$0	\$0	\$0	\$193,120	\$1,049,813	\$7,656,778
2024	\$795,445	\$95,952	\$46,484	\$937,881	\$204,150	\$0	\$0	\$0	\$0	\$204,150	\$1,142,031	\$8,131,316
2025	\$857,202	\$102,512	\$49,141	\$1,008,855	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,224,411	\$8,615,857
2026	\$874,766	\$103,255	\$50,107	\$1,028,128	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,243,685	\$9,084,589
2027	\$893,014	\$104,993	\$51,098	\$1,049,105	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,264,662	\$9,538,529
2028	\$931,724	\$108,151	\$52,114	\$1,091,989	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,307,545	\$9,985,513
2029	\$973,642	\$111,567	\$53,155	\$1,138,363	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,353,920	\$10,426,311
2030	\$1,030,174	\$115,138	\$54,222	\$1,199,534	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,415,090	\$10,865,085
2031	\$1,042,419	\$115,279	\$55,315	\$1,213,013	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,428,570	\$11,286,945
2032	\$1,087,391	\$119,060	\$56,437	\$1,262,887	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,478,443	\$11,702,744
2033	\$1,121,040	\$120,856	\$57,586	\$1,299,482	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,515,039	\$12,108,544
2034	\$1,172,740	\$124,407	\$58,763	\$1,355,911	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,571,467	\$12,509,415
2035	\$1,225,510	\$129,289	\$59,971	\$1,414,770	\$215,556	\$0	\$0	\$0	\$0	\$215,556	\$1,630,326	\$12,905,497

Table C.1-5 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Load and Energy Growth

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	High Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	654,610	47,485
2 x GE 7FA CT BF	160,608	14	12/01/07	170,769	15,321
1x1 7FA CC BF	228,480	30	12/01/07	246,869	19,540
GE 7FA CT GF	85,904	14	12/01/10	98,362	8,825
GE LMS100 CT BF	72,912	17	12/01/11	85,831	7,701
CFB UNIT BF	653,640	41	12/01/14	848,831	61,574
CFB UNIT BF	653,640	41	12/01/15	870,051	63,114
GE LMS100 CT BF	72,912	17	12/01/19	104,577	9,383
GE LMS100 CT GF	76,720	17	12/01/20	112,790	10,119
IGCC UNIT BF	855,480	38	12/01/21	1,316,592	95,506
GE LMS100 CT GF	76,720	17	12/01/22	118,500	10,632
GE LMS100 CT GF	76,720	17	12/01/23	121,462	10,898
GE LMS100 CT GF	76,720	17	12/01/23	121,462	10,898
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170

Year	Production Cost				Capital Cost and Other Project Costs							Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)	Total Capital Cost (\$1,000)	Total System Cost (\$1,000)	
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$538,628	\$28,980	\$0	\$567,608	\$0	\$0	\$0	\$0	\$0	\$567,608	\$567,608	
2007	\$581,242	\$33,912	\$1,229	\$616,383	\$2,961	\$0	\$0	\$0	\$0	\$2,961	\$619,344	\$1,157,459
2008	\$531,250	\$42,331	\$14,573	\$588,153	\$34,861	\$0	\$0	\$0	\$0	\$34,861	\$623,015	\$1,722,552
2009	\$523,256	\$46,584	\$14,675	\$584,516	\$34,861	\$0	\$0	\$0	\$0	\$34,861	\$619,377	\$2,257,593
2010	\$566,492	\$61,104	\$14,853	\$642,449	\$35,611	\$0	\$0	\$0	\$0	\$35,611	\$678,060	\$2,815,435
2011	\$602,071	\$73,346	\$15,842	\$691,258	\$44,340	\$0	\$0	\$0	\$0	\$44,340	\$735,599	\$3,391,795
2012	\$608,389	\$66,962	\$21,329	\$696,680	\$83,174	\$788	\$4,928	\$0	\$418	\$89,307	\$785,986	\$3,978,310
2013	\$625,861	\$67,345	\$23,835	\$717,041	\$98,872	\$807	\$7,392	\$0	\$748	\$107,819	\$824,860	\$4,564,523
2014	\$686,278	\$80,544	\$25,001	\$791,822	\$104,102	\$827	\$7,392	\$0	\$782	\$113,103	\$904,925	\$5,177,012
2015	\$673,460	\$80,180	\$35,404	\$789,044	\$165,807	\$848	\$7,392	\$0	\$817	\$174,864	\$963,908	\$5,798,356
2016	\$640,720	\$79,411	\$45,445	\$765,576	\$223,560	\$869	\$7,392	\$0	\$854	\$232,675	\$998,251	\$6,411,195
2017	\$624,092	\$74,843	\$46,319	\$745,254	\$223,560	\$891	\$7,392	\$0	\$892	\$232,735	\$977,989	\$6,983,005
2018	\$677,235	\$80,794	\$47,215	\$805,244	\$223,560	\$913	\$7,392	\$0	\$933	\$232,797	\$1,038,041	\$7,561,025
2019	\$725,387	\$84,779	\$48,233	\$858,399	\$224,357	\$936	\$7,392	\$0	\$974	\$233,659	\$1,092,058	\$8,140,167
2020	\$794,408	\$91,628	\$50,411	\$936,447	\$233,802	\$959	\$7,392	\$0	\$1,018	\$243,172	\$1,179,619	\$8,735,954
2021	\$829,269	\$94,161	\$54,343	\$977,773	\$251,174	\$983	\$7,392	\$0	\$1,064	\$260,613	\$1,238,386	\$9,331,639
2022	\$804,061	\$102,901	\$71,368	\$978,330	\$338,471	\$1,008	\$7,392	\$0	\$1,112	\$348,982	\$1,327,312	\$9,939,696
2023	\$882,182	\$109,799	\$73,181	\$1,065,162	\$351,051	\$1,033	\$7,392	\$0	\$1,162	\$360,638	\$1,425,799	\$10,561,768
2024	\$1,004,172	\$115,673	\$78,260	\$1,198,104	\$372,892	\$1,059	\$7,392	\$0	\$1,214	\$382,557	\$1,580,661	\$11,218,565
2025	\$1,077,263	\$118,929	\$83,247	\$1,279,438	\$393,335	\$1,086	\$7,392	\$0	\$1,269	\$403,081	\$1,682,519	\$11,884,395
2026	\$1,143,118	\$123,609	\$85,066	\$1,351,794	\$393,335	\$1,113	\$7,392	\$0	\$1,326	\$403,165	\$1,754,959	\$12,545,821
2027	\$1,177,041	\$126,836	\$86,931	\$1,390,809	\$392,033	\$1,141	\$7,392	\$0	\$1,386	\$401,951	\$1,792,760	\$13,189,318
2028	\$1,235,546	\$129,874	\$88,843	\$1,454,263	\$378,013	\$1,169	\$7,392	\$0	\$1,448	\$388,022	\$1,842,285	\$13,819,103
2029	\$1,291,456	\$133,649	\$90,802	\$1,515,906	\$378,013	\$1,198	\$7,392	\$0	\$1,513	\$388,116	\$1,904,023	\$14,438,998
2030	\$1,363,685	\$137,426	\$92,810	\$1,593,920	\$377,264	\$1,228	\$7,392	\$0	\$1,581	\$387,465	\$1,981,385	\$15,053,362
2031	\$1,397,051	\$139,201	\$94,868	\$1,631,120	\$368,534	\$1,259	\$7,392	\$0	\$1,653	\$378,837	\$2,009,957	\$15,646,908
2032	\$1,459,824	\$142,614	\$96,978	\$1,699,416	\$359,828	\$1,290	\$7,392	\$0	\$1,727	\$370,237	\$2,069,653	\$16,228,979
2033	\$1,521,749	\$146,426	\$99,141	\$1,767,316	\$341,948	\$1,323	\$7,392	\$0	\$1,805	\$352,467	\$2,119,783	\$16,796,759
2034	\$1,585,407	\$149,114	\$101,358	\$1,835,879	\$341,948	\$1,356	\$7,392	\$0	\$1,886	\$352,581	\$2,188,460	\$17,355,022
2035	\$1,668,579	\$156,076	\$103,630	\$1,928,285	\$341,948	\$1,390	\$7,392	\$0	\$1,971	\$352,700	\$2,280,985	\$17,909,178

Table C.1-6 Expansion Plan Economic Summary - Without Taylor Energy Center - High Load and Energy Growth

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	High Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
2 x GE 7FA CT BF	160,608	14	12/01/07	170,769	15,321	
1x1 7FA CC BF	228,480	30	12/01/07	246,869	19,540	
GE 7FA CT GF	85,904	14	12/01/10	98,362	8,825	
GE LMS100 CT BF	72,912	17	12/01/11	85,831	7,701	
CFB UNIT BF	653,640	41	12/01/12	807,929	58,607	
CFB UNIT BF	653,640	41	12/01/14	848,831	61,574	
GE LMS100 CT BF	72,912	17	12/01/15	94,741	8,500	
IGCC UNIT BF	855,480	38	12/01/19	1,253,151	90,904	
GE LMS100 CT GF	76,720	17	12/01/20	112,790	10,119	
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372	
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372	
GE LMS100 CT GF	76,720	17	12/01/22	118,500	10,632	
GE LMS100 CT GF	76,720	17	12/01/22	118,500	10,632	
CFB UNIT GF	688,800	44	12/01/24	1,148,477	83,311	

Year	Production Cost				Unit Capital Cost (\$1,000)	Capital Cost and Other Project Costs				Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)		Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Other Capital Cost (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$538,628	\$28,980	\$0	\$567,608	\$0	\$0	\$0	\$0	\$0	\$567,608	\$567,608	
2007	\$581,242	\$33,912	\$1,229	\$616,383	\$2,961	\$0	\$0	\$0	\$2,961	\$619,344	\$1,157,459	
2008	\$531,250	\$42,331	\$14,573	\$588,153	\$34,861	\$0	\$0	\$0	\$34,861	\$623,015	\$1,722,552	
2009	\$523,256	\$46,584	\$14,675	\$584,516	\$34,861	\$0	\$0	\$0	\$34,861	\$619,377	\$2,257,593	
2010	\$566,492	\$61,104	\$14,853	\$642,449	\$35,611	\$0	\$0	\$0	\$35,611	\$678,060	\$2,815,435	
2011	\$602,071	\$73,346	\$15,842	\$691,258	\$44,340	\$0	\$0	\$0	\$44,340	\$735,599	\$3,391,795	
2012	\$647,190	\$79,017	\$17,669	\$743,876	\$56,511	\$0	\$0	\$0	\$56,511	\$800,387	\$3,989,056	
2013	\$602,975	\$74,257	\$26,594	\$703,826	\$109,994	\$0	\$0	\$0	\$109,994	\$813,820	\$4,567,423	
2014	\$658,519	\$85,930	\$27,829	\$772,278	\$115,224	\$0	\$0	\$0	\$115,224	\$887,502	\$5,168,120	
2015	\$651,659	\$85,976	\$37,541	\$775,175	\$172,290	\$0	\$0	\$0	\$172,290	\$947,465	\$5,778,864	
2016	\$683,503	\$87,054	\$39,213	\$809,770	\$180,068	\$0	\$0	\$0	\$180,068	\$989,838	\$6,386,539	
2017	\$656,899	\$80,253	\$39,931	\$777,083	\$180,068	\$0	\$0	\$0	\$180,068	\$957,151	\$6,946,165	
2018	\$721,393	\$88,025	\$40,668	\$850,086	\$180,068	\$0	\$0	\$0	\$180,068	\$1,030,154	\$7,519,794	
2019	\$772,260	\$93,229	\$42,795	\$908,283	\$187,789	\$0	\$0	\$0	\$187,789	\$1,096,072	\$8,101,064	
2020	\$767,222	\$101,876	\$58,899	\$927,996	\$280,149	\$0	\$0	\$0	\$280,149	\$1,208,145	\$8,711,260	
2021	\$807,008	\$104,300	\$61,878	\$973,166	\$282,853	\$0	\$0	\$0	\$282,853	\$1,256,039	\$9,315,436	
2022	\$848,006	\$107,379	\$66,505	\$1,021,890	\$303,642	\$0	\$0	\$0	\$303,642	\$1,325,532	\$9,922,678	
2023	\$916,183	\$111,339	\$71,185	\$1,098,707	\$323,100	\$0	\$0	\$0	\$323,100	\$1,421,807	\$10,543,007	
2024	\$1,050,606	\$118,941	\$75,576	\$1,245,123	\$330,176	\$0	\$0	\$0	\$330,176	\$1,575,298	\$11,197,576	
2025	\$1,065,087	\$120,843	\$91,189	\$1,277,120	\$406,411	\$0	\$0	\$0	\$406,411	\$1,683,530	\$11,863,806	
2026	\$1,141,361	\$127,841	\$93,207	\$1,362,409	\$406,411	\$0	\$0	\$0	\$406,411	\$1,768,819	\$12,530,456	
2027	\$1,180,585	\$131,053	\$95,275	\$1,406,914	\$405,109	\$0	\$0	\$0	\$405,109	\$1,812,023	\$13,180,867	
2028	\$1,231,555	\$134,263	\$97,395	\$1,463,213	\$391,089	\$0	\$0	\$0	\$391,089	\$1,854,302	\$13,814,760	
2029	\$1,282,278	\$137,222	\$99,568	\$1,519,068	\$391,089	\$0	\$0	\$0	\$391,089	\$1,910,157	\$14,436,653	
2030	\$1,369,163	\$143,068	\$101,796	\$1,614,026	\$390,340	\$0	\$0	\$0	\$390,340	\$2,004,365	\$15,058,142	
2031	\$1,392,874	\$143,703	\$104,079	\$1,640,656	\$381,610	\$0	\$0	\$0	\$381,610	\$2,022,266	\$15,655,323	
2032	\$1,458,852	\$147,930	\$106,419	\$1,713,200	\$372,904	\$0	\$0	\$0	\$372,904	\$2,086,104	\$16,242,020	
2033	\$1,513,019	\$150,833	\$108,817	\$1,772,670	\$355,024	\$0	\$0	\$0	\$355,024	\$2,127,693	\$16,811,919	
2034	\$1,587,617	\$155,026	\$111,276	\$1,853,919	\$355,024	\$0	\$0	\$0	\$355,024	\$2,208,942	\$17,375,406	
2035	\$1,659,082	\$158,814	\$113,796	\$1,931,692	\$355,024	\$0	\$0	\$0	\$355,024	\$2,286,716	\$17,930,956	

Table C-1-7 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Load and Energy Growth

Case Description	Financial Parameters		Economic Parameters		Financial Parameters	
	Load Forecast:	Base Case Low Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
			Final Capital Escalation Rate:	2.5%	Fixed Charge Rate C: (25 year)	7.92%
			Base Year for CPW \$:	2006	Fixed Charge Rate C: (30 year)	7.25%

Unit Address	Generation Additions		TEC	CFR Unit BR
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)		
47,485	654,610	05/01/12	NA	47,485
73,192	1,008,993	12/01/21	41	73,192
78,820	1,086,575	12/01/24	41	78,820

Year	Fuel and Energy		Production Cost		Capital Cost and Other Project Costs		Cumulative Present Worth Cost (\$1,000)
	Cost (\$1,000)	Variable (\$1,000)	Total (\$1,000)	Unit Capital (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	
2006	\$421,345	\$25,583	\$446,927	\$0	\$0	\$0	(\$1,000)
2007	\$401,021	\$26,178	\$427,199	\$0	\$0	\$0	(\$1,000)
2008	\$398,680	\$31,607	\$430,287	\$0	\$0	\$0	(\$1,000)
2009	\$451,636	\$42,961	\$494,597	\$0	\$0	\$0	(\$1,000)
2010	\$468,194	\$52,252	\$520,446	\$0	\$0	\$0	(\$1,000)
2011	\$503,697	\$59,560	\$563,257	\$47,485	\$607	\$4,926	(\$1,000)
2012	\$550,866	\$67,967	\$618,833	\$47,485	\$607	\$4,926	(\$1,000)
2013	\$607,743	\$61,844	\$669,587	\$47,485	\$607	\$4,926	(\$1,000)
2014	\$648,168	\$66,609	\$714,777	\$47,485	\$607	\$4,926	(\$1,000)
2015	\$698,970	\$64,924	\$763,894	\$47,485	\$607	\$4,926	(\$1,000)
2016	\$669,261	\$61,043	\$730,304	\$47,485	\$607	\$4,926	(\$1,000)
2017	\$684,777	\$78,125	\$762,902	\$47,485	\$607	\$4,926	(\$1,000)
2018	\$768,108	\$74,188	\$842,296	\$47,485	\$607	\$4,926	(\$1,000)
2019	\$860,629	\$88,771	\$949,400	\$47,485	\$607	\$4,926	(\$1,000)
2020	\$987,173	\$98,454	\$1,085,627	\$47,485	\$607	\$4,926	(\$1,000)
2021	\$930,337	\$101,084	\$1,031,421	\$47,485	\$607	\$4,926	(\$1,000)
2022	\$898,446	\$104,958	\$1,003,404	\$47,485	\$607	\$4,926	(\$1,000)
2023	\$896,887	\$104,958	\$1,001,845	\$47,485	\$607	\$4,926	(\$1,000)
2024	\$9,397,186	\$1,113,112	\$10,510,298	\$47,485	\$607	\$4,926	(\$1,000)
2025	\$9,898,771	\$1,146,193	\$11,044,964	\$47,485	\$607	\$4,926	(\$1,000)
2026	\$10,363,301	\$1,178,112	\$11,541,413	\$47,485	\$607	\$4,926	(\$1,000)
2027	\$10,838,882	\$1,209,430	\$12,048,312	\$47,485	\$607	\$4,926	(\$1,000)
2028	\$11,313,934	\$1,239,750	\$12,553,684	\$47,485	\$607	\$4,926	(\$1,000)
2029	\$11,775,383	\$1,268,991	\$13,044,374	\$47,485	\$607	\$4,926	(\$1,000)
2030	\$12,229,983	\$1,297,244	\$13,527,227	\$47,485	\$607	\$4,926	(\$1,000)
2031	\$12,675,846	\$1,324,507	\$14,000,353	\$47,485	\$607	\$4,926	(\$1,000)
2032	\$13,115,446	\$1,350,788	\$14,466,234	\$47,485	\$607	\$4,926	(\$1,000)
2033	\$13,554,950	\$1,376,088	\$14,931,038	\$47,485	\$607	\$4,926	(\$1,000)
2034	\$13,994,454	\$1,401,407	\$15,395,861	\$47,485	\$607	\$4,926	(\$1,000)
2035	\$14,433,958	\$1,426,736	\$15,860,694	\$47,485	\$607	\$4,926	(\$1,000)

Table C.1-8 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Load and Energy Growth

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Low Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
CFB UNIT BF	653,640	41	12/01/14	848,831	61,574
CFB UNIT BF	653,640	41	12/01/21	1,008,993	73,192
IGCC UNIT BF	855,480	38	12/01/24	1,417,826	102,849

Year	Production Cost				Capital Cost and Other Project Costs					Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$421,345	\$25,583	\$0	\$446,927	\$0	\$0	\$0	\$0	\$0	\$0	\$446,927	\$446,927
2007	\$387,478	\$26,127	\$0	\$413,605	\$0	\$0	\$0	\$0	\$0	\$0	\$413,605	\$840,837
2008	\$401,021	\$28,568	\$0	\$429,589	\$0	\$0	\$0	\$0	\$0	\$0	\$429,589	\$1,230,487
2009	\$398,680	\$31,507	\$0	\$430,187	\$0	\$0	\$0	\$0	\$0	\$0	\$430,187	\$1,602,096
2010	\$451,636	\$42,961	\$0	\$494,597	\$0	\$0	\$0	\$0	\$0	\$0	\$494,597	\$2,009,004
2011	\$488,194	\$52,252	\$0	\$540,446	\$0	\$0	\$0	\$0	\$0	\$0	\$540,446	\$2,432,457
2012	\$546,246	\$60,850	\$0	\$607,096	\$0	\$0	\$0	\$0	\$0	\$0	\$607,096	\$2,885,482
2013	\$563,718	\$62,005	\$0	\$625,723	\$0	\$0	\$0	\$0	\$0	\$0	\$625,723	\$3,330,171
2014	\$616,661	\$73,521	\$832	\$691,014	\$5,230	\$0	\$0	\$0	\$0	\$5,230	\$696,244	\$3,801,416
2015	\$588,998	\$69,253	\$10,040	\$668,291	\$61,574	\$0	\$0	\$0	\$0	\$61,574	\$729,865	\$4,271,894
2016	\$625,925	\$73,751	\$10,291	\$709,967	\$61,574	\$0	\$0	\$0	\$0	\$61,574	\$771,541	\$4,745,553
2017	\$573,931	\$63,434	\$10,549	\$647,914	\$61,574	\$0	\$0	\$0	\$0	\$61,574	\$709,488	\$5,160,376
2018	\$640,378	\$70,489	\$10,812	\$721,679	\$61,574	\$0	\$0	\$0	\$0	\$61,574	\$783,253	\$5,596,521
2019	\$679,285	\$72,590	\$11,083	\$762,958	\$61,574	\$0	\$0	\$0	\$0	\$61,574	\$824,532	\$6,033,788
2020	\$751,637	\$82,027	\$11,360	\$845,024	\$61,574	\$0	\$0	\$0	\$0	\$61,574	\$906,598	\$6,491,681
2021	\$799,861	\$87,390	\$12,633	\$899,883	\$67,791	\$0	\$0	\$0	\$0	\$67,791	\$967,674	\$6,957,149
2022	\$750,231	\$88,754	\$23,870	\$862,854	\$134,767	\$0	\$0	\$0	\$0	\$134,767	\$997,621	\$7,414,171
2023	\$834,871	\$97,351	\$24,466	\$956,689	\$134,767	\$0	\$0	\$0	\$0	\$134,767	\$1,091,455	\$7,890,369
2024	\$962,751	\$106,957	\$26,631	\$1,096,339	\$143,502	\$0	\$0	\$0	\$0	\$143,502	\$1,239,841	\$8,405,548
2025	\$924,615	\$111,991	\$44,450	\$1,081,055	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,318,671	\$8,927,391
2026	\$946,224	\$113,947	\$45,561	\$1,105,731	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,343,347	\$9,433,684
2027	\$972,127	\$115,710	\$46,700	\$1,134,537	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,372,153	\$9,926,208
2028	\$1,018,994	\$119,390	\$47,867	\$1,186,251	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,423,867	\$10,412,957
2029	\$1,063,318	\$122,412	\$49,064	\$1,234,794	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,472,410	\$10,892,331
2030	\$1,140,873	\$127,565	\$50,291	\$1,318,729	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,556,345	\$11,374,904
2031	\$1,151,569	\$126,476	\$51,548	\$1,329,593	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,567,208	\$11,837,705
2032	\$1,209,397	\$131,555	\$52,837	\$1,393,788	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,631,404	\$12,296,522
2033	\$1,252,488	\$132,882	\$54,158	\$1,439,528	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,677,143	\$12,745,742
2034	\$1,309,337	\$136,900	\$55,512	\$1,501,749	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,739,364	\$13,189,443
2035	\$1,396,487	\$144,176	\$56,899	\$1,597,562	\$237,616	\$0	\$0	\$0	\$0	\$237,616	\$1,835,177	\$13,635,293

Table C.1-9 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Capital Costs

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	783,074	56,804
CFB UNIT BF	784,368	41	12/01/13	993,753	72,087
GE LMS100 CT BF	87,494	17	12/01/15	113,690	10,200
1x1 7FA CC BF	274,176	30	12/01/19	398,414	31,534
CFB UNIT BF	784,368	41	12/01/21	1,210,792	87,831
GE LMS100 CT BF	87,494	17	12/01/23	138,520	12,428
GE LMS100 CT GF	92,064	17	12/01/23	145,754	13,077
GE LMS100 CT GF	92,064	17	12/01/24	149,398	13,404

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$484,925	\$48,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,848
2011	\$534,412	\$62,015	\$0	\$596,427	\$0	\$0	\$0	\$0	\$0	\$0	\$596,427	\$2,721,165
2012	\$534,104	\$57,858	\$4,451	\$596,414	\$38,025	\$788	\$4,928	\$2,100	\$477	\$46,317	\$642,731	\$3,200,780
2013	\$542,108	\$58,439	\$7,609	\$608,156	\$62,927	\$807	\$7,392	\$0	\$748	\$71,874	\$680,030	\$3,684,065
2014	\$518,304	\$62,774	\$16,762	\$597,841	\$128,891	\$827	\$7,392	\$0	\$782	\$137,892	\$735,733	\$4,182,038
2015	\$575,966	\$66,816	\$17,272	\$660,053	\$129,757	\$848	\$7,392	\$0	\$817	\$138,814	\$798,868	\$4,696,995
2016	\$603,459	\$68,053	\$18,699	\$690,212	\$139,091	\$869	\$7,392	\$0	\$854	\$148,206	\$838,418	\$5,211,711
2017	\$565,889	\$60,988	\$19,166	\$646,044	\$139,091	\$891	\$7,392	\$0	\$892	\$148,266	\$794,310	\$5,676,128
2018	\$618,100	\$66,653	\$19,645	\$704,398	\$139,091	\$913	\$7,392	\$0	\$933	\$148,329	\$852,727	\$6,150,958
2019	\$671,297	\$71,158	\$21,240	\$763,696	\$141,770	\$936	\$7,392	\$0	\$974	\$151,072	\$914,767	\$6,636,078
2020	\$704,520	\$71,059	\$33,702	\$809,281	\$170,626	\$959	\$7,392	\$0	\$1,018	\$179,995	\$989,276	\$7,135,730
2021	\$747,847	\$75,046	\$35,272	\$858,165	\$178,085	\$983	\$7,392	\$0	\$1,064	\$187,525	\$1,045,689	\$7,638,724
2022	\$719,130	\$81,264	\$40,813	\$847,207	\$258,457	\$1,008	\$7,392	\$0	\$1,112	\$267,968	\$1,115,175	\$8,149,599
2023	\$795,422	\$86,634	\$47,976	\$930,032	\$260,623	\$1,033	\$7,392	\$0	\$1,162	\$270,210	\$1,200,242	\$8,673,261
2024	\$889,360	\$89,069	\$51,882	\$1,030,311	\$285,100	\$1,059	\$7,392	\$0	\$1,214	\$294,765	\$1,325,076	\$9,223,857
2025	\$959,126	\$93,804	\$54,564	\$1,107,493	\$297,366	\$1,086	\$7,392	\$0	\$1,269	\$307,112	\$1,414,605	\$9,783,664
2026	\$987,059	\$95,505	\$55,666	\$1,138,229	\$297,366	\$1,113	\$7,392	\$0	\$1,326	\$307,196	\$1,445,426	\$10,328,430
2027	\$1,015,876	\$97,239	\$56,796	\$1,169,911	\$297,366	\$1,141	\$7,392	\$0	\$1,386	\$307,284	\$1,477,195	\$10,858,658
2028	\$1,057,658	\$99,715	\$57,954	\$1,215,327	\$297,366	\$1,169	\$7,392	\$0	\$1,448	\$307,375	\$1,522,701	\$11,379,193
2029	\$1,110,705	\$102,148	\$59,141	\$1,271,993	\$297,366	\$1,198	\$7,392	\$0	\$1,513	\$307,469	\$1,579,462	\$11,893,421
2030	\$1,176,066	\$105,960	\$60,357	\$1,342,384	\$297,366	\$1,228	\$7,392	\$0	\$1,581	\$307,567	\$1,649,951	\$12,405,017
2031	\$1,196,723	\$105,852	\$61,604	\$1,364,179	\$297,366	\$1,259	\$7,392	\$0	\$1,653	\$307,669	\$1,671,848	\$12,898,719
2032	\$1,252,267	\$109,440	\$62,883	\$1,424,590	\$297,366	\$1,290	\$7,392	\$0	\$1,727	\$307,775	\$1,732,364	\$13,385,930
2033	\$1,304,449	\$111,472	\$64,193	\$1,480,114	\$297,366	\$1,323	\$7,392	\$0	\$1,805	\$307,885	\$1,787,999	\$13,864,842
2034	\$1,358,895	\$114,417	\$65,536	\$1,538,848	\$297,366	\$1,356	\$7,392	\$0	\$1,886	\$307,999	\$1,846,846	\$14,335,961
2035	\$1,434,115	\$119,183	\$66,912	\$1,620,210	\$297,366	\$1,390	\$7,392	\$0	\$1,971	\$308,118	\$1,928,328	\$14,804,441

Table C.1-10 Expansion Plan Economic Summary - Without Taylor Energy Center - High Capital Costs

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 CT BF	87,494	17	12/01/11	102,997	9,241
CFB UNIT BF	784,368	41	12/01/12	969,515	70,329
CFB UNIT BF	784,368	41	12/01/14	1,018,597	73,889
GE LMS100 CT BF	87,494	17	12/01/19	125,492	11,259
1x1 7FA CC BF	274,176	30	12/01/20	408,374	32,323
1x1 7FA CC BF	274,176	30	12/01/22	429,048	33,959
GE 7FA CT	103,044	14	12/01/24	166,714	14,958

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$484,925	\$48,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,848
2011	\$533,799	\$61,578	\$82	\$595,458	\$785	\$0	\$0	\$0	\$0	\$785	\$596,243	\$2,721,020
2012	\$575,868	\$65,675	\$1,777	\$643,321	\$15,214	\$0	\$0	\$0	\$0	\$15,214	\$658,535	\$3,212,429
2013	\$514,370	\$61,464	\$10,566	\$586,401	\$79,570	\$0	\$0	\$0	\$0	\$79,570	\$665,970	\$3,685,722
2014	\$563,428	\$71,101	\$11,863	\$646,192	\$85,845	\$0	\$0	\$0	\$0	\$85,845	\$732,037	\$4,181,193
2015	\$551,272	\$72,012	\$21,142	\$644,425	\$153,459	\$0	\$0	\$0	\$0	\$153,459	\$797,884	\$4,695,516
2016	\$684,044	\$74,841	\$21,670	\$880,556	\$153,459	\$0	\$0	\$0	\$0	\$153,459	\$934,015	\$5,207,529
2017	\$548,068	\$67,594	\$22,212	\$637,874	\$153,459	\$0	\$0	\$0	\$0	\$153,459	\$791,333	\$5,670,205
2018	\$804,155	\$73,800	\$22,787	\$700,722	\$153,459	\$0	\$0	\$0	\$0	\$153,459	\$854,180	\$6,145,844
2019	\$647,276	\$77,538	\$23,436	\$748,249	\$154,415	\$0	\$0	\$0	\$0	\$154,415	\$902,664	\$6,624,546
2020	\$704,310	\$82,148	\$26,230	\$812,688	\$167,463	\$0	\$0	\$0	\$0	\$167,463	\$960,151	\$7,119,589
2021	\$722,639	\$80,849	\$38,875	\$842,363	\$197,041	\$0	\$0	\$0	\$0	\$197,041	\$1,039,404	\$7,619,560
2022	\$771,432	\$87,201	\$40,817	\$899,450	\$199,925	\$0	\$0	\$0	\$0	\$199,925	\$1,099,374	\$8,123,196
2023	\$822,412	\$89,015	\$55,080	\$966,507	\$217,313	\$0	\$0	\$0	\$0	\$217,313	\$1,183,820	\$8,639,693
2024	\$942,795	\$96,204	\$57,787	\$1,096,786	\$245,957	\$0	\$0	\$0	\$0	\$245,957	\$1,342,743	\$9,197,630
2025	\$1,010,082	\$101,345	\$58,708	\$1,170,134	\$245,957	\$0	\$0	\$0	\$0	\$245,957	\$1,416,092	\$9,758,026
2026	\$1,045,627	\$103,301	\$59,652	\$1,208,580	\$245,957	\$0	\$0	\$0	\$0	\$245,957	\$1,454,537	\$10,306,226
2027	\$1,075,754	\$105,092	\$60,619	\$1,241,466	\$245,957	\$0	\$0	\$0	\$0	\$245,957	\$1,487,423	\$10,840,125
2028	\$1,125,715	\$108,214	\$61,611	\$1,295,541	\$245,957	\$0	\$0	\$0	\$0	\$245,957	\$1,541,498	\$11,367,086
2029	\$1,175,802	\$110,947	\$62,628	\$1,349,377	\$245,957	\$0	\$0	\$0	\$0	\$245,957	\$1,595,334	\$11,886,481
2030	\$1,256,449	\$115,456	\$63,670	\$1,435,575	\$245,957	\$0	\$0	\$0	\$0	\$245,957	\$1,681,532	\$12,407,870
2031	\$1,278,194	\$115,422	\$64,738	\$1,458,354	\$245,172	\$0	\$0	\$0	\$0	\$245,172	\$1,703,526	\$12,910,926
2032	\$1,338,275	\$119,529	\$65,833	\$1,523,637	\$236,716	\$0	\$0	\$0	\$0	\$236,716	\$1,760,353	\$13,406,009
2033	\$1,388,051	\$121,214	\$66,955	\$1,576,220	\$236,716	\$0	\$0	\$0	\$0	\$236,716	\$1,812,936	\$13,891,601
2034	\$1,454,621	\$124,792	\$68,105	\$1,647,518	\$236,716	\$0	\$0	\$0	\$0	\$236,716	\$1,884,235	\$14,372,257
2035	\$1,531,997	\$130,776	\$69,284	\$1,732,057	\$236,716	\$0	\$0	\$0	\$0	\$236,716	\$1,968,774	\$14,850,564

Table C.1-11 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Capital Costs

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Cook: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (m/d/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	526,145	38,167
CFB UNIT BF	522,912	41	12/01/13	662,502	48,058
CFB UNIT BF	522,912	41	12/01/15	696,041	50,491
GE LMS100 CT BF	58,330	17	12/01/20	85,753	7,694
GE LMS100 CT BF	58,330	17	12/01/21	87,897	7,886
GE LMS100 CT GF	61,376	17	12/01/21	92,487	8,298
JGCC UNIT BF	684,384	38	12/01/22	1,079,605	78,315
GE LMS100 CT GF	61,376	17	12/01/24	99,599	8,936

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,874,917
2010	\$484,925	\$48,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,848
2011	\$534,412	\$62,015	\$0	\$596,427	\$0	\$0	\$0	\$0	\$0	\$0	\$596,427	\$2,721,165
2012	\$534,104	\$57,858	\$4,451	\$596,414	\$25,549	\$788	\$4,928	\$2,100	\$477	\$33,841	\$630,255	\$3,191,471
2013	\$542,108	\$58,439	\$7,509	\$608,156	\$42,248	\$807	\$7,392	\$0	\$748	\$51,195	\$659,351	\$3,660,059
2014	\$518,304	\$62,774	\$16,762	\$597,841	\$86,224	\$827	\$7,392	\$0	\$782	\$95,225	\$693,067	\$4,129,154
2015	\$574,301	\$67,247	\$18,034	\$659,583	\$90,513	\$848	\$7,392	\$0	\$817	\$99,570	\$759,152	\$4,618,510
2016	\$540,883	\$67,840	\$27,902	\$636,626	\$136,715	\$869	\$7,392	\$0	\$854	\$145,830	\$782,456	\$5,098,070
2017	\$522,631	\$63,602	\$28,600	\$614,832	\$136,715	\$891	\$7,392	\$0	\$892	\$145,890	\$760,723	\$5,543,649
2018	\$568,600	\$69,235	\$29,315	\$667,150	\$136,715	\$913	\$7,392	\$0	\$933	\$145,953	\$813,102	\$5,996,415
2019	\$609,429	\$71,818	\$30,048	\$711,294	\$136,715	\$936	\$7,392	\$0	\$974	\$146,018	\$857,312	\$6,451,066
2020	\$668,856	\$78,515	\$30,901	\$778,272	\$137,369	\$959	\$7,392	\$0	\$1,018	\$146,738	\$925,010	\$6,918,259
2021	\$708,734	\$81,343	\$33,042	\$823,120	\$145,784	\$983	\$7,392	\$0	\$1,064	\$155,223	\$978,343	\$7,388,858
2022	\$721,574	\$82,891	\$38,030	\$842,494	\$167,245	\$1,008	\$7,392	\$0	\$1,112	\$176,756	\$1,019,250	\$7,855,789
2023	\$720,408	\$92,013	\$55,307	\$867,728	\$238,908	\$1,033	\$7,392	\$0	\$1,162	\$248,495	\$1,116,223	\$8,342,793
2024	\$833,511	\$98,968	\$57,036	\$988,515	\$239,667	\$1,059	\$7,392	\$0	\$1,214	\$249,332	\$1,238,847	\$8,857,560
2025	\$896,940	\$102,055	\$59,906	\$1,058,901	\$247,844	\$1,085	\$7,392	\$0	\$1,269	\$257,590	\$1,316,491	\$9,378,540
2026	\$919,226	\$103,768	\$61,404	\$1,083,398	\$247,844	\$1,113	\$7,392	\$0	\$1,326	\$257,674	\$1,341,072	\$9,883,976
2027	\$948,901	\$107,189	\$62,839	\$1,119,028	\$247,844	\$1,141	\$7,392	\$0	\$1,386	\$257,762	\$1,376,790	\$10,378,164
2028	\$983,960	\$109,389	\$64,512	\$1,157,841	\$247,844	\$1,169	\$7,392	\$0	\$1,448	\$257,853	\$1,415,694	\$10,862,119
2029	\$1,037,064	\$112,016	\$66,125	\$1,215,205	\$247,844	\$1,198	\$7,392	\$0	\$1,513	\$257,947	\$1,473,152	\$11,341,735
2030	\$1,089,259	\$115,507	\$67,778	\$1,272,544	\$247,844	\$1,228	\$7,392	\$0	\$1,581	\$258,045	\$1,530,589	\$11,816,322
2031	\$1,109,602	\$115,305	\$69,473	\$1,294,380	\$247,844	\$1,259	\$7,392	\$0	\$1,653	\$258,147	\$1,552,527	\$12,274,787
2032	\$1,161,791	\$119,167	\$71,209	\$1,352,167	\$247,844	\$1,290	\$7,392	\$0	\$1,727	\$258,253	\$1,610,420	\$12,727,703
2033	\$1,219,040	\$122,231	\$72,990	\$1,414,260	\$247,844	\$1,323	\$7,392	\$0	\$1,805	\$258,363	\$1,672,623	\$13,175,712
2034	\$1,260,296	\$124,494	\$74,814	\$1,459,604	\$247,844	\$1,356	\$7,392	\$0	\$1,886	\$258,477	\$1,718,081	\$13,613,984
2035	\$1,328,865	\$128,944	\$76,685	\$1,534,494	\$247,844	\$1,390	\$7,392	\$0	\$1,971	\$258,596	\$1,793,090	\$14,049,608

Table C.1-12 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Capital Costs

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 CT BF	58,330	17	12/01/11	68,665	6,161
CFB UNIT BF	522,912	41	12/01/12	646,343	46,886
CFB UNIT BF	522,912	41	12/01/14	679,065	49,259
GE LMS100 CT BF	58,330	17	12/01/19	83,661	7,506
1x1 7FA CC BF	182,784	30	12/01/20	272,250	21,549
HGCC UNIT BF	684,384	38	12/01/22	1,079,605	78,315
GE LMS100 CT GF	61,376	17	12/01/23	97,170	8,718
GE LMS100 CT GF	61,376	17	12/01/24	99,599	8,936

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,406,625
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$484,925	\$48,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,848
2011	\$533,799	\$61,578	\$82	\$595,458	\$523	\$0	\$0	\$0	\$0	\$523	\$595,981	\$2,720,815
2012	\$575,868	\$65,675	\$1,777	\$643,321	\$10,143	\$0	\$0	\$0	\$0	\$10,143	\$653,464	\$3,208,440
2013	\$514,370	\$61,464	\$10,566	\$586,401	\$53,046	\$0	\$0	\$0	\$0	\$53,046	\$639,447	\$3,662,883
2014	\$563,428	\$71,101	\$11,663	\$646,192	\$57,230	\$0	\$0	\$0	\$0	\$57,230	\$703,422	\$4,138,986
2015	\$551,272	\$72,012	\$21,142	\$644,425	\$102,306	\$0	\$0	\$0	\$0	\$102,306	\$746,731	\$4,620,336
2016	\$584,044	\$74,841	\$21,670	\$680,556	\$102,306	\$0	\$0	\$0	\$0	\$102,306	\$782,862	\$5,100,945
2017	\$548,068	\$67,584	\$22,212	\$637,874	\$102,306	\$0	\$0	\$0	\$0	\$102,306	\$740,180	\$5,533,713
2018	\$604,155	\$73,800	\$22,767	\$700,722	\$102,306	\$0	\$0	\$0	\$0	\$102,306	\$803,028	\$5,980,869
2019	\$647,276	\$77,538	\$23,436	\$748,249	\$102,943	\$0	\$0	\$0	\$0	\$102,943	\$851,193	\$6,432,274
2020	\$704,310	\$82,148	\$26,230	\$812,688	\$111,642	\$0	\$0	\$0	\$0	\$111,642	\$924,330	\$6,899,124
2021	\$722,639	\$80,849	\$38,875	\$842,363	\$131,360	\$0	\$0	\$0	\$0	\$131,360	\$973,724	\$7,367,502
2022	\$769,561	\$88,070	\$41,064	\$898,695	\$138,012	\$0	\$0	\$0	\$0	\$138,012	\$1,036,707	\$7,842,429
2023	\$751,723	\$96,994	\$58,300	\$907,016	\$210,415	\$0	\$0	\$0	\$0	\$210,415	\$1,117,432	\$8,329,961
2024	\$862,583	\$102,531	\$61,251	\$1,026,365	\$219,152	\$0	\$0	\$0	\$0	\$219,152	\$1,245,517	\$8,847,498
2025	\$922,486	\$106,348	\$64,167	\$1,093,002	\$227,329	\$0	\$0	\$0	\$0	\$227,329	\$1,320,331	\$9,369,998
2026	\$946,249	\$108,351	\$65,509	\$1,120,109	\$227,329	\$0	\$0	\$0	\$0	\$227,329	\$1,347,438	\$9,877,833
2027	\$978,619	\$111,479	\$66,885	\$1,156,983	\$227,329	\$0	\$0	\$0	\$0	\$227,329	\$1,384,312	\$10,374,722
2028	\$1,022,396	\$114,332	\$68,295	\$1,205,023	\$227,329	\$0	\$0	\$0	\$0	\$227,329	\$1,432,352	\$10,864,371
2029	\$1,063,303	\$116,419	\$69,741	\$1,249,463	\$227,329	\$0	\$0	\$0	\$0	\$227,329	\$1,476,792	\$11,345,172
2030	\$1,135,794	\$120,947	\$71,223	\$1,327,964	\$227,329	\$0	\$0	\$0	\$0	\$227,329	\$1,555,293	\$11,827,419
2031	\$1,162,448	\$122,072	\$72,741	\$1,357,261	\$226,806	\$0	\$0	\$0	\$0	\$226,806	\$1,584,067	\$12,295,198
2032	\$1,209,512	\$125,185	\$74,298	\$1,408,995	\$221,168	\$0	\$0	\$0	\$0	\$221,168	\$1,630,163	\$12,753,667
2033	\$1,261,713	\$128,182	\$75,894	\$1,465,788	\$221,168	\$0	\$0	\$0	\$0	\$221,168	\$1,686,956	\$13,205,515
2034	\$1,317,080	\$131,240	\$77,529	\$1,525,850	\$221,168	\$0	\$0	\$0	\$0	\$221,168	\$1,747,016	\$13,651,168
2035	\$1,384,780	\$135,738	\$79,205	\$1,599,724	\$221,168	\$0	\$0	\$0	\$0	\$221,168	\$1,820,892	\$14,093,547

Table C.1-13 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Allowance Prices

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	654,610	47,485
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072
CFB UNIT BF	653,640	41	12/01/15	870,051	63,114
1x1 7FA CC BF	228,480	30	12/01/20	340,312	26,936
GE LMS100 CT BF	72,912	17	12/01/22	109,871	9,858
GE LMS100 CT BF	72,912	17	12/01/23	109,871	9,858
GE LMS100 CT GF	76,720	17	12/01/23	118,500	10,632
GE LMS100 CT GF	76,720	17	12/01/24	121,462	10,898

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$438,993	\$35,478	\$0	\$474,471	\$0	\$0	\$0	\$0	\$0	\$0	\$474,471	\$1,815,491
2010	\$492,024	\$48,593	\$0	\$540,617	\$0	\$0	\$0	\$0	\$0	\$0	\$540,617	\$2,260,258
2011	\$539,422	\$62,012	\$0	\$601,434	\$0	\$0	\$0	\$0	\$0	\$0	\$601,434	\$2,731,497
2012	\$539,185	\$57,856	\$4,451	\$601,492	\$31,797	\$788	\$4,928	\$2,100	\$477	\$40,079	\$641,571	\$3,210,248
2013	\$547,859	\$58,436	\$7,609	\$613,904	\$52,587	\$807	\$7,392	\$0	\$748	\$61,535	\$675,438	\$3,690,269
2014	\$524,647	\$62,762	\$16,762	\$604,173	\$107,558	\$827	\$7,392	\$0	\$782	\$116,559	\$720,731	\$4,178,088
2015	\$584,612	\$67,229	\$18,034	\$669,875	\$112,918	\$848	\$7,392	\$0	\$817	\$121,975	\$791,850	\$4,688,522
2016	\$552,387	\$67,783	\$27,902	\$648,072	\$170,671	\$869	\$7,392	\$0	\$854	\$179,786	\$827,859	\$5,196,755
2017	\$534,964	\$63,979	\$28,600	\$627,543	\$170,671	\$891	\$7,392	\$0	\$892	\$179,846	\$807,389	\$5,668,819
2018	\$578,457	\$68,748	\$29,315	\$676,520	\$170,671	\$913	\$7,392	\$0	\$933	\$179,909	\$856,429	\$6,145,711
2019	\$625,206	\$71,766	\$30,048	\$727,020	\$170,671	\$936	\$7,392	\$0	\$974	\$179,974	\$906,993	\$6,626,709
2020	\$686,469	\$78,415	\$31,908	\$796,793	\$172,959	\$959	\$7,392	\$0	\$1,018	\$182,328	\$979,121	\$7,121,231
2021	\$700,572	\$76,613	\$44,696	\$821,880	\$217,322	\$983	\$7,392	\$0	\$1,064	\$226,762	\$1,048,642	\$7,625,646
2022	\$744,594	\$82,419	\$45,659	\$872,672	\$218,934	\$1,008	\$7,392	\$0	\$1,112	\$228,445	\$1,101,117	\$8,130,080
2023	\$819,015	\$86,415	\$48,012	\$953,441	\$220,180	\$1,033	\$7,392	\$0	\$1,162	\$229,689	\$1,183,131	\$8,646,276
2024	\$927,903	\$90,003	\$52,312	\$1,070,219	\$228,082	\$1,059	\$7,392	\$0	\$1,214	\$238,545	\$1,308,763	\$9,150,095
2025	\$998,676	\$93,655	\$55,005	\$1,147,335	\$238,852	\$1,086	\$7,392	\$0	\$1,269	\$248,598	\$1,395,933	\$9,742,513
2026	\$1,027,565	\$95,457	\$56,118	\$1,179,140	\$238,852	\$1,113	\$7,392	\$0	\$1,326	\$248,682	\$1,427,822	\$10,280,644
2027	\$1,055,599	\$96,978	\$57,259	\$1,209,835	\$238,852	\$1,141	\$7,392	\$0	\$1,386	\$248,770	\$1,458,605	\$10,804,199
2028	\$1,104,733	\$99,617	\$58,429	\$1,262,778	\$238,852	\$1,169	\$7,392	\$0	\$1,448	\$248,860	\$1,511,639	\$11,320,953
2029	\$1,155,946	\$101,837	\$59,628	\$1,317,410	\$238,852	\$1,198	\$7,392	\$0	\$1,513	\$248,955	\$1,566,365	\$11,830,916
2030	\$1,223,956	\$105,223	\$60,856	\$1,390,036	\$238,852	\$1,228	\$7,392	\$0	\$1,581	\$249,053	\$1,639,089	\$12,339,145
2031	\$1,254,653	\$105,710	\$62,116	\$1,422,479	\$238,852	\$1,259	\$7,392	\$0	\$1,653	\$249,155	\$1,671,634	\$12,832,783
2032	\$1,314,310	\$109,386	\$63,407	\$1,487,103	\$238,852	\$1,290	\$7,392	\$0	\$1,727	\$249,261	\$1,736,364	\$13,321,119
2033	\$1,365,754	\$111,206	\$64,730	\$1,541,691	\$238,852	\$1,323	\$7,392	\$0	\$1,805	\$249,371	\$1,791,061	\$13,800,852
2034	\$1,429,771	\$114,361	\$66,087	\$1,610,219	\$238,852	\$1,356	\$7,392	\$0	\$1,886	\$249,485	\$1,859,704	\$14,275,251
2035	\$1,499,856	\$118,568	\$67,477	\$1,685,901	\$238,852	\$1,390	\$7,392	\$0	\$1,971	\$249,604	\$1,935,505	\$14,745,474

Table C.1-14 Expansion Plan Economic Summary - Without Taylor Energy Center - High Allowance Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 CT BF	78,120	17	12/01/11	91,962	8,251
CFB UNIT BF	653,640	41	12/01/12	807,929	58,607
CFB UNIT BF	653,640	41	12/01/14	848,831	61,574
GE LMS100 CT BF	78,120	17	12/01/19	112,047	10,053
1x17FA CC BF	244,800	30	12/01/20	364,620	28,860
IGCC UNIT BF	855,480	38	12/01/22	1,349,507	97,893
GE LMS100 CT GF	82,200	17	12/01/23	130,138	11,676
GE LMS100 CT GF	82,200	17	12/01/24	133,391	11,968

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,662	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,626
2009	\$438,993	\$35,478	\$0	\$474,471	\$0	\$0	\$0	\$0	\$0	\$0	\$474,471	\$1,815,491
2010	\$492,024	\$48,593	\$0	\$540,617	\$0	\$0	\$0	\$0	\$0	\$0	\$540,617	\$2,260,259
2011	\$538,814	\$61,575	\$82	\$600,470	\$701	\$0	\$0	\$0	\$0	\$701	\$601,171	\$2,731,292
2012	\$580,789	\$65,671	\$1,777	\$648,237	\$13,228	\$0	\$0	\$0	\$0	\$13,228	\$661,466	\$3,224,888
2013	\$520,037	\$61,450	\$10,566	\$592,053	\$66,858	\$0	\$0	\$0	\$0	\$66,858	\$658,911	\$3,693,163
2014	\$569,417	\$71,083	\$11,663	\$652,162	\$72,088	\$0	\$0	\$0	\$0	\$72,088	\$724,249	\$4,183,364
2015	\$561,539	\$71,969	\$21,142	\$654,651	\$128,432	\$0	\$0	\$0	\$0	\$128,432	\$783,083	\$4,688,146
2016	\$594,989	\$74,781	\$21,670	\$691,441	\$128,432	\$0	\$0	\$0	\$0	\$128,432	\$819,873	\$5,191,477
2017	\$558,701	\$67,517	\$22,212	\$648,430	\$128,432	\$0	\$0	\$0	\$0	\$128,432	\$776,862	\$5,645,692
2018	\$616,118	\$73,747	\$22,767	\$712,632	\$128,432	\$0	\$0	\$0	\$0	\$128,432	\$841,065	\$6,114,028
2019	\$662,298	\$77,474	\$23,436	\$763,208	\$129,286	\$0	\$0	\$0	\$0	\$129,286	\$892,494	\$6,587,336
2020	\$721,538	\$82,073	\$26,230	\$829,841	\$140,936	\$0	\$0	\$0	\$0	\$140,936	\$970,777	\$7,077,645
2021	\$739,692	\$80,782	\$38,875	\$859,350	\$167,345	\$0	\$0	\$0	\$0	\$167,345	\$1,026,694	\$7,571,502
2022	\$786,421	\$88,000	\$41,064	\$915,485	\$175,659	\$0	\$0	\$0	\$0	\$175,659	\$1,091,144	\$8,071,368
2023	\$774,763	\$96,919	\$58,300	\$929,983	\$266,230	\$0	\$0	\$0	\$0	\$266,230	\$1,196,212	\$8,593,271
2024	\$893,586	\$102,448	\$61,251	\$1,057,285	\$277,930	\$0	\$0	\$0	\$0	\$277,930	\$1,335,215	\$9,148,081
2025	\$958,899	\$106,280	\$64,167	\$1,129,345	\$288,882	\$0	\$0	\$0	\$0	\$288,882	\$1,418,227	\$9,709,321
2026	\$985,605	\$108,289	\$65,509	\$1,159,403	\$288,882	\$0	\$0	\$0	\$0	\$288,882	\$1,448,285	\$10,255,164
2027	\$1,021,173	\$111,404	\$66,885	\$1,199,462	\$1,199,462	\$0	\$0	\$0	\$0	\$288,882	\$1,488,343	\$10,789,394
2028	\$1,065,503	\$113,869	\$68,295	\$1,247,667	\$288,882	\$0	\$0	\$0	\$0	\$288,882	\$1,536,549	\$11,314,663
2029	\$1,112,602	\$116,350	\$69,741	\$1,298,693	\$288,882	\$0	\$0	\$0	\$0	\$288,882	\$1,587,574	\$11,831,532
2030	\$1,186,898	\$120,861	\$71,223	\$1,378,981	\$288,882	\$0	\$0	\$0	\$0	\$288,882	\$1,667,863	\$12,348,682
2031	\$1,219,018	\$122,009	\$72,741	\$1,413,768	\$288,181	\$0	\$0	\$0	\$0	\$288,181	\$1,701,949	\$12,851,273
2032	\$1,269,738	\$125,115	\$74,298	\$1,469,151	\$280,631	\$0	\$0	\$0	\$0	\$280,631	\$1,749,782	\$13,343,383
2033	\$1,326,450	\$128,130	\$75,894	\$1,530,474	\$280,631	\$0	\$0	\$0	\$0	\$280,631	\$1,811,105	\$13,828,484
2034	\$1,385,739	\$131,212	\$77,529	\$1,594,481	\$280,631	\$0	\$0	\$0	\$0	\$280,631	\$1,875,112	\$14,306,813
2035	\$1,459,135	\$135,744	\$79,205	\$1,674,085	\$280,631	\$0	\$0	\$0	\$0	\$280,631	\$1,954,716	\$14,781,704

Table C.1-15 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Allowance Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
TEC	NA	NA	05/01/12	654,610	47,485	
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072	
CFB UNIT BF	653,640	41	12/01/15	870,051	63,114	
1x1 7FA CC BF	228,480	30	12/01/20	340,312	26,936	
GE LMS100 CT BF	72,912	17	12/01/22	109,871	9,858	
GE LMS100 CT BF	72,912	17	12/01/23	109,871	9,858	
GE LMS100 CT GF	76,720	17	12/01/23	118,500	10,632	
GE LMS100 CT GF	76,720	17	12/01/24	121,462	10,898	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$436,130	\$35,603	\$0	\$471,734	\$0	\$0	\$0	\$0	\$0	\$0	\$471,734	\$1,813,127
2010	\$481,054	\$48,601	\$0	\$529,656	\$0	\$0	\$0	\$0	\$0	\$0	\$529,656	\$2,248,676
2011	\$529,443	\$62,019	\$0	\$591,461	\$0	\$0	\$0	\$0	\$0	\$0	\$591,461	\$2,712,301
2012	\$529,041	\$57,861	\$4,451	\$591,352	\$31,787	\$788	\$4,928	\$2,100	\$477	\$40,079	\$631,432	\$3,183,485
2013	\$537,953	\$58,793	\$7,609	\$604,355	\$102,587	\$807	\$7,392	\$0	\$748	\$61,535	\$665,899	\$3,656,720
2014	\$512,817	\$62,922	\$16,762	\$592,501	\$170,558	\$827	\$7,392	\$0	\$782	\$116,559	\$709,060	\$4,136,640
2015	\$564,004	\$67,262	\$18,034	\$649,300	\$112,918	\$848	\$7,392	\$0	\$817	\$121,975	\$771,275	\$4,633,810
2016	\$529,440	\$67,887	\$27,902	\$625,229	\$170,671	\$869	\$7,392	\$0	\$854	\$179,786	\$805,016	\$5,128,020
2017	\$511,642	\$63,678	\$28,600	\$603,920	\$170,671	\$891	\$7,392	\$0	\$892	\$179,846	\$783,766	\$5,586,272
2018	\$556,226	\$69,292	\$29,315	\$654,833	\$170,671	\$913	\$7,392	\$0	\$933	\$179,909	\$834,742	\$6,051,087
2019	\$594,125	\$71,884	\$30,048	\$696,056	\$170,671	\$936	\$7,392	\$0	\$974	\$179,974	\$876,030	\$6,515,665
2020	\$651,750	\$78,454	\$31,908	\$762,112	\$172,959	\$959	\$7,392	\$0	\$1,018	\$182,328	\$944,440	\$6,992,671
2021	\$664,885	\$76,755	\$44,696	\$786,336	\$217,322	\$983	\$7,392	\$0	\$1,064	\$226,762	\$1,013,097	\$7,479,968
2022	\$708,591	\$82,533	\$45,659	\$836,782	\$218,934	\$1,008	\$7,392	\$0	\$1,112	\$228,445	\$1,065,228	\$7,967,982
2023	\$771,386	\$86,566	\$48,012	\$905,964	\$220,102	\$1,033	\$7,392	\$0	\$1,162	\$229,689	\$1,135,653	\$8,463,463
2024	\$863,399	\$90,194	\$52,312	\$1,005,905	\$228,080	\$1,059	\$7,392	\$0	\$1,214	\$238,545	\$1,244,450	\$8,980,558
2025	\$923,339	\$93,799	\$55,005	\$1,072,143	\$238,852	\$1,086	\$7,392	\$0	\$1,269	\$248,598	\$1,320,741	\$9,503,220
2026	\$946,746	\$95,606	\$56,118	\$1,098,470	\$238,852	\$1,113	\$7,392	\$0	\$1,326	\$248,682	\$1,347,152	\$10,010,947
2027	\$972,891	\$97,601	\$57,259	\$1,127,751	\$238,852	\$1,141	\$7,392	\$0	\$1,386	\$248,770	\$1,376,521	\$10,505,039
2028	\$1,019,984	\$100,568	\$58,429	\$1,178,981	\$238,852	\$1,169	\$7,392	\$0	\$1,448	\$248,860	\$1,427,841	\$10,993,146
2029	\$1,059,600	\$102,451	\$59,628	\$1,221,679	\$238,852	\$1,198	\$7,392	\$0	\$1,513	\$248,955	\$1,470,633	\$11,471,943
2030	\$1,123,180	\$106,019	\$60,856	\$1,290,056	\$238,852	\$1,228	\$7,392	\$0	\$1,581	\$249,053	\$1,539,109	\$11,949,171
2031	\$1,137,740	\$105,850	\$62,116	\$1,305,706	\$238,852	\$1,259	\$7,392	\$0	\$1,653	\$249,155	\$1,554,861	\$12,408,325
2032	\$1,194,762	\$110,116	\$63,407	\$1,368,285	\$238,852	\$1,290	\$7,392	\$0	\$1,727	\$249,261	\$1,617,546	\$12,863,245
2033	\$1,237,955	\$111,852	\$64,730	\$1,414,537	\$238,852	\$1,323	\$7,392	\$0	\$1,805	\$249,371	\$1,663,907	\$13,308,920
2034	\$1,294,245	\$115,015	\$66,087	\$1,475,347	\$238,852	\$1,356	\$7,392	\$0	\$1,886	\$249,485	\$1,724,832	\$13,748,914
2035	\$1,352,165	\$119,263	\$67,477	\$1,538,905	\$238,852	\$1,390	\$7,392	\$0	\$1,971	\$249,604	\$1,788,509	\$14,183,425

Table C.1-16 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Allowance Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions		Month/Day/Year Installed (mm/dd/yyyy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)			
GE LMS100 CT BF	72,912	17	12/01/11	85,831	7,701
CFB UNIT BF	653,640	41	12/01/12	807,929	58,607
CFB UNIT BF	653,640	41	12/01/14	848,831	61,574
GE LMS100 CT BF	72,912	17	12/01/19	104,577	9,383
1x1 7FA CC BF	228,480	30	12/01/20	340,312	26,936
IGCC UNIT BF	855,480	38	12/01/22	1,349,507	97,893
GE LMS100 CT GF	76,720	17	12/01/23	121,462	10,898
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170

Year	Production Cost				Capital Cost and Other Project Costs					Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,165	\$28,662	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,626
2009	\$436,130	\$35,604	\$0	\$471,734	\$0	\$0	\$0	\$0	\$0	\$0	\$471,734	\$1,813,127
2010	\$481,054	\$48,601	\$0	\$529,656	\$0	\$0	\$0	\$0	\$0	\$0	\$529,656	\$2,248,876
2011	\$528,823	\$61,581	\$82	\$590,486	\$654	\$0	\$0	\$0	\$0	\$654	\$591,140	\$2,712,049
2012	\$570,957	\$65,681	\$1,777	\$638,415	\$12,678	\$0	\$0	\$0	\$0	\$12,678	\$651,093	\$3,197,905
2013	\$508,718	\$61,476	\$10,566	\$580,760	\$66,308	\$0	\$0	\$0	\$0	\$66,308	\$647,068	\$3,657,764
2014	\$557,466	\$71,119	\$11,663	\$640,248	\$71,538	\$0	\$0	\$0	\$0	\$71,538	\$711,785	\$4,139,528
2015	\$541,087	\$72,052	\$21,142	\$634,281	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$762,163	\$4,630,826
2016	\$575,539	\$75,272	\$21,670	\$672,480	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$800,363	\$5,122,179
2017	\$537,379	\$67,667	\$22,212	\$627,258	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$755,140	\$5,563,694
2018	\$592,193	\$73,856	\$22,767	\$688,816	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$816,698	\$6,018,462
2019	\$632,593	\$77,612	\$23,436	\$733,641	\$128,679	\$0	\$0	\$0	\$0	\$128,679	\$862,320	\$6,475,768
2020	\$686,091	\$82,127	\$26,230	\$794,448	\$139,552	\$0	\$0	\$0	\$0	\$139,552	\$934,000	\$6,947,502
2021	\$705,617	\$80,928	\$38,875	\$825,421	\$164,200	\$0	\$0	\$0	\$0	\$164,200	\$989,621	\$7,423,527
2022	\$751,567	\$88,109	\$41,064	\$880,739	\$172,515	\$0	\$0	\$0	\$0	\$172,515	\$1,063,254	\$7,906,034
2023	\$727,632	\$96,986	\$58,300	\$882,919	\$263,019	\$0	\$0	\$0	\$0	\$263,019	\$1,145,938	\$8,406,003
2024	\$830,515	\$102,679	\$61,251	\$994,446	\$273,940	\$0	\$0	\$0	\$0	\$273,940	\$1,268,386	\$8,933,044
2025	\$885,751	\$106,422	\$64,167	\$1,056,340	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,340,502	\$9,463,526
2026	\$906,813	\$108,428	\$65,509	\$1,080,750	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,364,912	\$9,977,946
2027	\$935,712	\$111,556	\$66,885	\$1,114,153	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,398,314	\$10,479,861
2028	\$977,000	\$114,422	\$68,295	\$1,159,717	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,443,879	\$10,973,450
2029	\$1,013,630	\$116,489	\$69,741	\$1,199,860	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,484,021	\$11,456,605
2030	\$1,082,721	\$120,999	\$71,223	\$1,274,942	\$284,161	\$0	\$0	\$0	\$0	\$284,161	\$1,559,103	\$11,940,033
2031	\$1,105,498	\$122,142	\$72,741	\$1,300,382	\$283,507	\$0	\$0	\$0	\$0	\$283,507	\$1,583,889	\$12,407,760
2032	\$1,149,361	\$125,242	\$74,298	\$1,348,901	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$1,625,361	\$12,864,878
2033	\$1,195,941	\$128,209	\$75,894	\$1,400,044	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$1,676,504	\$13,313,927
2034	\$1,245,909	\$131,296	\$77,529	\$1,454,734	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$1,731,194	\$13,755,543
2035	\$1,313,302	\$135,690	\$79,205	\$1,528,197	\$276,460	\$0	\$0	\$0	\$0	\$276,460	\$1,804,658	\$14,193,978

Table C.1-17 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Regulated - CO₂

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Carbon Tax Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	654,109	47,449
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072
GE LMS100 CT BF	72,912	17	12/01/15	94,741	8,500
1x1 7FA CC BF	228,480	30	12/01/19	332,012	26,279
CFB UNIT BF	653,640	41	12/01/21	1,008,993	73,192
GE LMS100 CT BF	72,912	17	12/01/23	115,433	10,357
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,177	\$516,333	\$0	\$516,333	\$0	\$0	\$0	\$0	\$0	\$0	\$516,333	\$516,333
2007	\$436,780	\$28,666	\$0	\$465,446	\$0	\$0	\$0	\$0	\$0	\$0	\$465,446	\$981,782
2008	\$442,801	\$30,091	\$0	\$472,892	\$0	\$0	\$0	\$0	\$0	\$0	\$472,892	\$1,454,674
2009	\$436,068	\$35,603	\$0	\$471,671	\$0	\$0	\$0	\$0	\$0	\$0	\$471,671	\$1,926,345
2010	\$480,580	\$48,594	\$0	\$529,173	\$0	\$0	\$0	\$0	\$0	\$0	\$529,173	\$2,455,518
2011	\$527,402	\$62,017	\$0	\$589,419	\$0	\$0	\$0	\$0	\$0	\$0	\$589,419	\$3,044,937
2012	\$593,767	\$57,852	\$4,451	\$656,071	\$31,762	\$788	\$4,928	\$2,100	\$477	\$40,055	\$696,126	\$3,741,063
2013	\$679,753	\$58,464	\$7,609	\$745,826	\$52,551	\$807	\$7,392	\$0	\$748	\$61,498	\$807,324	\$4,548,387
2014	\$709,141	\$62,816	\$16,762	\$788,719	\$107,521	\$827	\$7,392	\$0	\$782	\$116,522	\$905,242	\$5,453,629
2015	\$756,494	\$66,898	\$17,272	\$840,653	\$108,243	\$848	\$7,392	\$0	\$817	\$117,300	\$957,953	\$6,411,582
2016	\$794,094	\$68,015	\$18,699	\$880,807	\$116,022	\$859	\$7,392	\$0	\$854	\$125,136	\$1,005,944	\$7,417,526
2017	\$745,973	\$60,773	\$19,166	\$825,911	\$116,022	\$891	\$7,392	\$0	\$892	\$125,197	\$951,108	\$8,368,634
2018	\$648,478	\$66,429	\$19,645	\$734,552	\$116,022	\$913	\$7,392	\$0	\$933	\$125,259	\$859,811	\$9,228,445
2019	\$718,676	\$70,179	\$21,240	\$810,095	\$109,179	\$936	\$7,392	\$0	\$974	\$118,481	\$928,577	\$10,157,022
2020	\$726,055	\$70,036	\$33,702	\$829,793	\$142,300	\$959	\$7,392	\$0	\$1,018	\$151,670	\$981,463	\$11,138,485
2021	\$780,275	\$73,878	\$35,272	\$889,424	\$148,517	\$983	\$7,392	\$0	\$1,064	\$157,956	\$1,047,380	\$12,185,865
2022	\$850,729	\$79,638	\$46,920	\$977,287	\$215,493	\$1,008	\$7,392	\$0	\$1,112	\$225,004	\$1,202,291	\$13,388,156
2023	\$947,873	\$83,514	\$49,014	\$1,080,401	\$216,372	\$1,033	\$7,392	\$0	\$1,162	\$225,959	\$1,306,360	\$14,694,516
2024	\$1,009,294	\$90,444	\$50,127	\$1,149,864	\$226,798	\$1,059	\$7,392	\$0	\$1,214	\$236,463	\$1,386,328	\$16,080,844
2025	\$1,089,475	\$94,144	\$52,764	\$1,236,383	\$237,019	\$1,086	\$7,392	\$0	\$1,269	\$246,766	\$1,483,149	\$17,563,993
2026	\$1,119,238	\$95,363	\$53,822	\$1,268,423	\$237,019	\$1,113	\$7,392	\$0	\$1,326	\$246,850	\$1,515,273	\$19,079,266
2027	\$1,166,253	\$97,102	\$54,905	\$1,318,260	\$237,019	\$1,141	\$7,392	\$0	\$1,386	\$246,937	\$1,565,198	\$20,644,464
2028	\$1,226,541	\$99,486	\$56,016	\$1,382,043	\$237,019	\$1,169	\$7,392	\$0	\$1,448	\$247,028	\$1,629,071	\$22,273,535
2029	\$1,298,608	\$102,622	\$57,155	\$1,458,384	\$237,019	\$1,198	\$7,392	\$0	\$1,513	\$247,123	\$1,705,507	\$23,979,042
2030	\$1,378,553	\$106,094	\$58,322	\$1,542,969	\$237,019	\$1,228	\$7,392	\$0	\$1,581	\$247,221	\$1,790,189	\$25,769,231
2031	\$1,429,670	\$106,321	\$59,518	\$1,595,509	\$237,019	\$1,259	\$7,392	\$0	\$1,653	\$247,323	\$1,884,831	\$27,654,062
2032	\$1,514,467	\$110,737	\$60,744	\$1,685,948	\$237,019	\$1,290	\$7,392	\$0	\$1,727	\$247,428	\$1,933,377	\$29,587,439
2033	\$1,590,301	\$112,486	\$62,001	\$1,764,788	\$237,019	\$1,323	\$7,392	\$0	\$1,805	\$247,538	\$2,012,326	\$31,599,765
2034	\$1,675,373	\$115,355	\$63,289	\$1,854,017	\$237,019	\$1,356	\$7,392	\$0	\$1,886	\$247,653	\$2,101,670	\$33,701,435
2035	\$1,786,777	\$121,052	\$64,609	\$1,972,438	\$237,019	\$1,390	\$7,392	\$0	\$1,971	\$247,771	\$2,220,209	\$35,921,644

Table C.1-18 Expansion Plan Economic Summary - Without Taylor Energy Center - Regulated - CO₂

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Carbon Tax Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 CT BF	72,912	17	12/01/11	85,831	7,701
CFB UNIT BF	653,640	41	12/01/12	807,929	58,607
CFB UNIT BF	653,640	41	12/01/14	848,831	61,574
GE LMS100 CT BF	78,120	17	12/01/19	112,047	10,053
1x1 7FA CC BF	228,480	30	12/01/20	340,312	26,936
CFB UNIT GF	688,800	44	12/01/22	1,093,137	79,296
GE LMS100 CT GF	76,720	17	12/01/23	121,462	10,898
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,177	\$28,156	\$0	\$516,334	\$0	\$0	\$0	\$0	\$0	\$0	\$516,334	\$516,334
2007	\$436,780	\$28,666	\$0	\$465,446	\$0	\$0	\$0	\$0	\$0	\$0	\$465,446	\$959,616
2008	\$442,801	\$30,091	\$0	\$472,892	\$0	\$0	\$0	\$0	\$0	\$0	\$472,892	\$1,386,543
2009	\$436,068	\$35,603	\$0	\$471,671	\$0	\$0	\$0	\$0	\$0	\$0	\$471,671	\$1,795,990
2010	\$480,580	\$48,594	\$0	\$529,173	\$0	\$0	\$0	\$0	\$0	\$0	\$529,173	\$2,231,342
2011	\$526,781	\$61,580	\$82	\$588,443	\$654	\$0	\$0	\$0	\$0	\$654	\$589,097	\$2,692,915
2012	\$634,739	\$65,674	\$1,777	\$702,190	\$12,678	\$0	\$0	\$0	\$0	\$12,678	\$714,868	\$3,226,361
2013	\$652,565	\$61,455	\$10,566	\$724,586	\$66,308	\$0	\$0	\$0	\$0	\$66,308	\$790,894	\$3,788,434
2014	\$747,361	\$71,121	\$11,663	\$830,145	\$71,538	\$0	\$0	\$0	\$0	\$71,538	\$901,682	\$4,398,728
2015	\$731,783	\$72,090	\$21,142	\$825,015	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$992,897	\$5,012,974
2016	\$775,198	\$74,801	\$21,670	\$871,669	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$999,551	\$5,626,612
2017	\$728,893	\$67,277	\$22,212	\$818,382	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$946,264	\$6,179,873
2018	\$636,335	\$73,276	\$22,767	\$732,379	\$127,882	\$0	\$0	\$0	\$0	\$127,882	\$860,261	\$6,658,899
2019	\$694,918	\$76,780	\$23,436	\$795,133	\$128,736	\$0	\$0	\$0	\$0	\$128,736	\$923,869	\$7,148,846
2020	\$724,678	\$81,376	\$26,230	\$832,284	\$140,223	\$0	\$0	\$0	\$0	\$140,223	\$972,507	\$7,640,028
2021	\$757,405	\$80,322	\$38,875	\$876,602	\$164,871	\$0	\$0	\$0	\$0	\$164,871	\$1,041,473	\$8,140,994
2022	\$899,380	\$86,861	\$40,791	\$1,027,032	\$171,605	\$0	\$0	\$0	\$0	\$171,605	\$1,198,637	\$8,690,104
2023	\$952,332	\$89,305	\$55,006	\$1,096,643	\$245,092	\$0	\$0	\$0	\$0	\$245,092	\$1,341,736	\$9,275,498
2024	\$995,519	\$93,909	\$57,875	\$1,147,303	\$296,013	\$0	\$0	\$0	\$0	\$296,013	\$1,403,316	\$9,858,605
2025	\$1,077,038	\$97,900	\$60,706	\$1,235,644	\$266,234	\$0	\$0	\$0	\$0	\$266,234	\$1,501,878	\$10,452,950
2026	\$1,101,452	\$99,233	\$61,962	\$1,262,646	\$266,234	\$0	\$0	\$0	\$0	\$266,234	\$1,528,881	\$11,029,169
2027	\$1,155,604	\$101,999	\$63,249	\$1,320,852	\$266,234	\$0	\$0	\$0	\$0	\$266,234	\$1,587,086	\$11,598,841
2028	\$1,213,335	\$104,201	\$64,569	\$1,382,104	\$266,234	\$0	\$0	\$0	\$0	\$266,234	\$1,648,339	\$12,162,326
2029	\$1,278,479	\$107,137	\$65,921	\$1,451,537	\$266,234	\$0	\$0	\$0	\$0	\$266,234	\$1,717,772	\$12,721,583
2030	\$1,372,468	\$111,655	\$67,307	\$1,551,429	\$266,234	\$0	\$0	\$0	\$0	\$266,234	\$1,817,664	\$13,285,162
2031	\$1,422,151	\$112,387	\$68,728	\$1,603,266	\$265,580	\$0	\$0	\$0	\$0	\$265,580	\$1,868,846	\$13,837,057
2032	\$1,491,937	\$115,188	\$70,184	\$1,677,309	\$258,534	\$0	\$0	\$0	\$0	\$258,534	\$1,935,843	\$14,381,495
2033	\$1,574,825	\$118,271	\$71,677	\$1,764,773	\$258,534	\$0	\$0	\$0	\$0	\$258,534	\$2,023,307	\$14,923,435
2034	\$1,665,693	\$120,824	\$73,207	\$1,849,724	\$258,534	\$0	\$0	\$0	\$0	\$258,534	\$2,108,257	\$15,461,238
2035	\$1,760,458	\$125,180	\$74,775	\$1,960,413	\$258,534	\$0	\$0	\$0	\$0	\$258,534	\$2,218,947	\$16,000,322

Table C.1-19 Expansion Plan Economic Summary - With Joint 3x1 CC in 2012

Case Description			Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case		CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case		Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
			Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
					Fixed Charge Rate Coat: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
JOINT 3x1 7FA CC	172,484	36	05/01/12	215,869	17,086	
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072	
CFB UNIT BF	653,640	41	12/01/15	870,051	63,114	
GE LMS100 CT BF	72,912	17	12/01/20	107,191	9,617	
GE LMS100 CT BF	72,912	17	12/01/21	109,871	9,858	
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372	
GE LMS100 CT GF	76,720	17	12/01/22	118,500	10,632	
IGCC UNIT BF	866,280	38	12/01/23	1,400,707	101,607	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$484,925	\$48,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,848
2011	\$534,412	\$62,015	\$0	\$596,427	\$0	\$0	\$0	\$0	\$0	\$0	\$596,427	\$2,721,165
2012	\$556,953	\$61,088	\$7,487	\$625,528	\$11,437	\$788	\$5,841	\$2,100	\$0	\$20,166	\$645,694	\$3,202,591
2013	\$566,276	\$60,010	\$12,008	\$638,294	\$22,188	\$670	\$8,761	\$0	\$0	\$31,757	\$670,050	\$3,679,184
2014	\$546,788	\$65,313	\$21,034	\$633,136	\$77,158	\$827	\$8,761	\$0	\$0	\$86,747	\$719,883	\$4,166,429
2015	\$602,363	\$70,253	\$22,176	\$694,792	\$82,519	\$848	\$8,761	\$0	\$0	\$92,128	\$786,920	\$4,673,684
2016	\$568,282	\$70,393	\$31,910	\$670,585	\$140,272	\$869	\$8,761	\$0	\$0	\$149,903	\$820,488	\$5,177,393
2017	\$542,759	\$65,357	\$32,471	\$640,587	\$140,272	\$891	\$8,761	\$0	\$0	\$149,924	\$820,488	\$5,639,588
2018	\$599,160	\$71,535	\$33,045	\$703,741	\$140,272	\$913	\$8,761	\$0	\$0	\$149,947	\$853,687	\$6,114,953
2019	\$638,075	\$74,283	\$33,634	\$745,992	\$140,272	\$936	\$8,761	\$0	\$0	\$149,969	\$885,961	\$6,590,101
2020	\$703,746	\$81,072	\$34,340	\$819,158	\$141,089	\$959	\$8,761	\$0	\$0	\$150,810	\$969,967	\$7,080,000
2021	\$742,868	\$84,024	\$36,330	\$863,221	\$151,607	\$983	\$8,761	\$0	\$0	\$161,352	\$1,024,573	\$7,572,837
2022	\$771,920	\$85,722	\$39,826	\$897,468	\$171,022	\$1,008	\$8,761	\$0	\$0	\$180,792	\$1,078,260	\$8,066,801
2023	\$846,932	\$90,977	\$42,151	\$980,060	\$272,867	\$1,033	\$8,761	\$0	\$0	\$282,661	\$1,262,722	\$8,617,722
2024	\$957,491	\$98,209	\$44,521	\$1,100,222	\$282,358	\$1,059	\$8,761	\$0	\$0	\$292,179	\$1,392,400	\$9,196,293
2025	\$935,728	\$106,942	\$62,550	\$1,105,220	\$282,358	\$1,086	\$8,761	\$0	\$0	\$292,205	\$1,397,425	\$9,749,302
2026	\$957,889	\$108,546	\$63,876	\$1,130,311	\$282,358	\$1,113	\$8,761	\$0	\$0	\$292,232	\$1,422,544	\$10,285,443
2027	\$989,852	\$111,280	\$65,236	\$1,165,369	\$282,358	\$1,141	\$8,761	\$0	\$0	\$292,260	\$1,457,629	\$10,808,648
2028	\$1,035,394	\$114,349	\$66,630	\$1,216,373	\$282,358	\$1,169	\$8,761	\$0	\$0	\$292,289	\$1,508,661	\$11,324,384
2029	\$1,076,292	\$116,630	\$68,058	\$1,260,980	\$282,358	\$1,198	\$8,761	\$0	\$0	\$292,318	\$1,553,298	\$11,830,093
2030	\$1,148,224	\$121,161	\$69,522	\$1,338,907	\$282,358	\$1,228	\$8,761	\$0	\$0	\$292,348	\$1,631,255	\$12,335,893
2031	\$1,182,151	\$122,581	\$71,023	\$1,375,755	\$282,358	\$1,259	\$8,761	\$0	\$0	\$292,379	\$1,668,133	\$12,828,497
2032	\$1,224,164	\$125,401	\$72,562	\$1,422,126	\$282,358	\$1,290	\$8,761	\$0	\$0	\$292,410	\$1,714,536	\$13,310,696
2033	\$1,273,834	\$127,868	\$74,138	\$1,475,838	\$282,358	\$1,323	\$8,761	\$0	\$0	\$292,442	\$1,760,281	\$13,784,326
2034	\$1,332,507	\$131,317	\$75,755	\$1,539,578	\$282,358	\$1,356	\$8,761	\$0	\$0	\$292,475	\$1,832,054	\$14,251,671
2035	\$1,392,113	\$135,456	\$77,411	\$1,604,981	\$282,358	\$1,390	\$8,761	\$0	\$0	\$292,509	\$1,897,490	\$14,712,659

Table C.1-20 Expansion Plan Economic Summary - With Joint IGCC in 2012

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
JOINT IGCC	569,570	53	05/01/12	709,324	51,454
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072
CFB UNIT BF	653,640	41	12/01/15	870,051	63,114
1x1 7FA CC BF	228,480	30	12/01/20	340,312	26,936
GE LMS100 CT BF	72,912	17	12/01/22	112,618	10,104
GE LMS100 CT BF	72,912	17	12/01/23	115,433	10,357
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,662	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,430
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,626
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$484,925	\$46,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,948
2011	\$534,412	\$62,015	\$0	\$596,427	\$0	\$0	\$0	\$0	\$0	\$0	\$596,427	\$2,721,165
2012	\$522,563	\$65,605	\$7,958	\$596,127	\$34,444	\$788	\$5,601	\$2,100	\$0	\$42,932	\$639,059	\$3,198,040
2013	\$521,669	\$68,437	\$12,964	\$603,070	\$56,556	\$807	\$8,401	\$0	\$0	\$65,765	\$668,835	\$3,673,369
2014	\$498,963	\$72,381	\$22,252	\$593,595	\$111,527	\$827	\$8,401	\$0	\$0	\$120,755	\$714,350	\$4,156,869
2015	\$559,500	\$77,540	\$23,661	\$660,701	\$116,887	\$848	\$8,401	\$0	\$0	\$126,136	\$786,837	\$4,664,071
2016	\$527,999	\$77,611	\$33,670	\$639,279	\$174,640	\$869	\$8,401	\$0	\$0	\$183,911	\$823,190	\$5,169,438
2017	\$507,350	\$72,107	\$34,511	\$613,968	\$174,640	\$891	\$8,401	\$0	\$0	\$183,932	\$797,901	\$5,635,954
2018	\$548,306	\$79,145	\$35,374	\$662,825	\$174,640	\$913	\$8,401	\$0	\$0	\$183,955	\$846,780	\$6,107,473
2019	\$597,463	\$81,973	\$36,259	\$715,695	\$174,640	\$936	\$8,401	\$0	\$0	\$183,977	\$899,672	\$6,584,588
2020	\$665,382	\$88,030	\$38,274	\$781,687	\$176,928	\$959	\$8,401	\$0	\$0	\$186,289	\$967,975	\$7,073,482
2021	\$669,353	\$87,514	\$51,221	\$808,088	\$201,576	\$983	\$8,401	\$0	\$0	\$210,961	\$1,019,049	\$7,563,661
2022	\$707,556	\$93,146	\$52,347	\$853,049	\$202,434	\$1,008	\$8,401	\$0	\$0	\$211,843	\$1,064,892	\$8,051,501
2023	\$776,309	\$99,654	\$54,686	\$930,650	\$212,560	\$1,033	\$8,401	\$0	\$0	\$221,994	\$1,152,644	\$8,554,396
2024	\$877,406	\$103,494	\$57,302	\$1,038,202	\$1,038,202	\$1,059	\$8,401	\$0	\$0	\$233,394	\$1,271,597	\$9,082,770
2025	\$935,283	\$106,091	\$61,766	\$1,103,141	\$1,103,141	\$1,086	\$8,401	\$0	\$0	\$253,890	\$1,385,051	\$10,141,794
2026	\$959,539	\$108,573	\$63,048	\$1,131,160	\$1,131,160	\$1,113	\$8,401	\$0	\$0	\$253,918	\$1,428,364	\$10,854,494
2027	\$998,115	\$111,968	\$64,363	\$1,174,445	\$1,174,445	\$1,141	\$8,401	\$0	\$0	\$253,947	\$1,469,308	\$11,156,777
2028	\$1,035,437	\$114,214	\$65,710	\$1,215,361	\$1,215,361	\$1,169	\$8,401	\$0	\$0	\$253,976	\$1,529,652	\$11,654,787
2029	\$1,091,118	\$117,468	\$67,091	\$1,275,676	\$1,275,676	\$1,198	\$8,401	\$0	\$0	\$254,006	\$1,591,351	\$12,148,214
2030	\$1,148,103	\$120,736	\$68,506	\$1,337,345	\$1,337,345	\$1,228	\$8,401	\$0	\$0	\$254,037	\$1,629,875	\$12,629,521
2031	\$1,183,641	\$122,240	\$69,957	\$1,375,838	\$1,375,838	\$1,259	\$8,401	\$0	\$0	\$254,068	\$1,677,755	\$13,101,374
2032	\$1,226,686	\$125,557	\$71,444	\$1,423,687	\$1,423,687	\$1,290	\$8,401	\$0	\$0	\$254,100	\$1,742,512	\$13,568,103
2033	\$1,286,760	\$128,683	\$72,968	\$1,488,411	\$1,488,411	\$1,323	\$8,401	\$0	\$0	\$254,134	\$1,795,033	\$14,026,004
2034	\$1,335,095	\$131,274	\$74,531	\$1,540,899	\$1,540,899	\$1,356	\$8,401	\$0	\$0	\$254,167	\$1,859,617	\$14,477,791
2035	\$1,394,115	\$135,202	\$76,132	\$1,605,450	\$1,605,450	\$1,390	\$8,401	\$0	\$0			

Table C.1-21 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Second PC Unit Available

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.87%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
TEC	NA	NA	05/01/12	654,610	47,485	
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072	
CFB UNIT BF	653,640	41	12/01/15	870,051	63,114	
GE LMS100 CT BF	72,912	17	12/01/20	107,191	9,617	
GE LMS100 CT BF	72,912	17	12/01/21	109,871	9,858	
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372	
GE LMS100 CT GF	76,720	17	12/01/22	118,500	10,632	
1x1 /FA CC BF	228,480	30	12/01/23	366,479	29,007	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$404,925	\$46,598	\$0	\$453,524	\$0	\$0	\$0	\$0	\$0	\$0	\$453,524	\$2,253,848
2011	\$534,412	\$62,015	\$0	\$596,427	\$0	\$0	\$0	\$0	\$0	\$0	\$596,427	\$2,721,165
2012	\$534,104	\$57,858	\$4,451	\$596,414	\$31,787	\$788	\$4,928	\$2,100	\$477	\$40,079	\$636,493	\$3,196,126
2013	\$542,108	\$58,439	\$7,609	\$608,156	\$52,587	\$807	\$7,392	\$0	\$748	\$61,535	\$669,690	\$3,672,062
2014	\$518,304	\$62,774	\$16,762	\$597,841	\$597,558	\$827	\$7,392	\$0	\$782	\$116,559	\$714,400	\$4,155,596
2015	\$574,301	\$67,247	\$18,034	\$659,583	\$112,918	\$848	\$7,392	\$0	\$817	\$121,975	\$781,558	\$4,659,395
2016	\$540,883	\$67,840	\$27,902	\$636,626	\$170,671	\$869	\$7,392	\$0	\$854	\$179,786	\$816,412	\$5,160,601
2017	\$522,631	\$63,602	\$28,600	\$614,832	\$170,671	\$891	\$7,392	\$0	\$892	\$179,846	\$794,679	\$5,625,233
2018	\$568,600	\$69,235	\$29,315	\$667,150	\$170,671	\$913	\$7,392	\$0	\$933	\$179,909	\$847,058	\$6,086,907
2019	\$609,429	\$71,818	\$30,048	\$711,294	\$170,671	\$936	\$7,392	\$0	\$974	\$179,974	\$891,268	\$6,569,565
2020	\$668,856	\$78,515	\$30,901	\$778,272	\$171,488	\$959	\$7,392	\$0	\$1,018	\$180,858	\$959,129	\$7,053,991
2021	\$708,734	\$81,343	\$33,042	\$823,120	\$182,007	\$983	\$7,392	\$0	\$1,064	\$191,446	\$1,014,566	\$7,542,014
2022	\$724,340	\$82,044	\$36,693	\$843,077	\$201,422	\$1,008	\$7,392	\$0	\$1,112	\$210,933	\$1,054,010	\$8,024,869
2023	\$784,922	\$85,762	\$40,304	\$920,988	\$213,614	\$1,033	\$7,392	\$0	\$1,162	\$223,201	\$1,144,189	\$8,524,075
2024	\$884,679	\$88,214	\$53,488	\$1,026,381	\$240,157	\$1,059	\$7,392	\$0	\$1,214	\$249,822	\$1,276,204	\$9,054,364
2025	\$959,126	\$93,804	\$54,564	\$1,107,493	\$240,157	\$1,086	\$7,392	\$0	\$1,269	\$249,903	\$1,357,396	\$9,591,531
2026	\$987,059	\$95,505	\$55,866	\$1,138,229	\$240,157	\$1,113	\$7,392	\$0	\$1,326	\$249,988	\$1,388,217	\$10,114,736
2027	\$1,015,876	\$97,239	\$56,796	\$1,169,911	\$240,157	\$1,141	\$7,392	\$0	\$1,386	\$250,075	\$1,419,986	\$10,624,429
2028	\$1,057,658	\$99,715	\$57,954	\$1,215,327	\$240,157	\$1,169	\$7,392	\$0	\$1,448	\$250,166	\$1,465,493	\$11,125,408
2029	\$1,110,705	\$102,148	\$59,141	\$1,271,993	\$240,157	\$1,198	\$7,392	\$0	\$1,513	\$250,260	\$1,522,254	\$11,621,010
2030	\$1,176,066	\$105,960	\$60,357	\$1,342,384	\$240,157	\$1,228	\$7,392	\$0	\$1,581	\$250,358	\$1,592,742	\$12,114,868
2031	\$1,196,723	\$105,852	\$61,604	\$1,364,179	\$240,157	\$1,259	\$7,392	\$0	\$1,653	\$250,460	\$1,614,639	\$12,591,675
2032	\$1,252,723	\$109,440	\$62,883	\$1,424,590	\$240,157	\$1,290	\$7,392	\$0	\$1,727	\$250,566	\$1,675,156	\$13,062,797
2033	\$1,304,449	\$111,472	\$64,193	\$1,480,114	\$240,157	\$1,323	\$7,392	\$0	\$1,805	\$250,676	\$1,730,790	\$13,526,387
2034	\$1,358,895	\$114,417	\$65,536	\$1,538,848	\$240,157	\$1,356	\$7,392	\$0	\$1,886	\$250,790	\$1,789,638	\$13,982,912
2035	\$1,434,115	\$119,183	\$66,912	\$1,620,210	\$240,157	\$1,390	\$7,392	\$0	\$1,971	\$250,909	\$1,871,119	\$14,437,494

Table C.1-22 Expansion Plan Economic Summary - Without Taylor Energy Center - All Gas

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
1x1 7FA CC BF	228,480	30	12/01/11	272,497	21,568
GE LMS100 CT BF	72,912	17	12/01/13	90,176	8,091
GE LMS100 CT BF	72,912	17	12/01/14	92,431	8,293
1x1 7FA CC GF	245,952	33	12/01/15	324,764	25,705
GE LMS100 CT GF	76,720	17	12/01/20	112,790	10,119
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372
1x1 7FA CC GF	245,952	33	12/01/22	386,043	30,555
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,662	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,626
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$484,925	\$48,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,848
2011	\$532,443	\$61,489	\$1,066	\$594,997	\$1,832	\$0	\$0	\$0	\$0	\$1,832	\$596,829	\$2,721,480
2012	\$543,583	\$57,505	\$12,598	\$613,686	\$21,568	\$0	\$0	\$0	\$0	\$21,568	\$635,254	\$3,195,516
2013	\$566,391	\$59,366	\$12,737	\$638,494	\$22,255	\$0	\$0	\$0	\$0	\$22,255	\$660,750	\$3,665,099
2014	\$608,308	\$64,718	\$13,829	\$686,854	\$30,363	\$0	\$0	\$0	\$0	\$30,363	\$717,217	\$4,150,539
2015	\$660,425	\$66,847	\$16,061	\$743,333	\$40,135	\$0	\$0	\$0	\$0	\$40,135	\$783,468	\$4,655,570
2016	\$669,146	\$63,524	\$28,938	\$761,608	\$63,657	\$0	\$0	\$0	\$0	\$63,657	\$825,265	\$5,162,211
2017	\$636,278	\$58,211	\$29,138	\$723,626	\$63,657	\$0	\$0	\$0	\$0	\$63,657	\$787,283	\$5,622,519
2018	\$700,593	\$62,941	\$29,343	\$792,877	\$63,657	\$0	\$0	\$0	\$0	\$63,657	\$856,534	\$6,099,469
2019	\$741,754	\$65,811	\$29,552	\$837,118	\$63,657	\$0	\$0	\$0	\$0	\$63,657	\$900,774	\$6,577,169
2020	\$815,002	\$72,394	\$29,903	\$917,299	\$64,516	\$0	\$0	\$0	\$0	\$64,516	\$981,815	\$7,073,052
2021	\$867,292	\$75,952	\$31,895	\$975,139	\$75,538	\$0	\$0	\$0	\$0	\$75,538	\$1,050,677	\$7,578,446
2022	\$913,254	\$77,649	\$36,458	\$1,027,361	\$97,116	\$0	\$0	\$0	\$0	\$97,116	\$1,124,477	\$8,093,582
2023	\$979,380	\$80,453	\$50,182	\$1,110,015	\$125,076	\$0	\$0	\$0	\$0	\$125,076	\$1,235,092	\$8,632,448
2024	\$1,110,809	\$87,768	\$50,800	\$1,249,378	\$126,025	\$0	\$0	\$0	\$0	\$126,025	\$1,375,403	\$9,203,956
2025	\$1,178,251	\$91,213	\$52,931	\$1,322,395	\$136,246	\$0	\$0	\$0	\$0	\$136,246	\$1,458,641	\$9,781,190
2026	\$1,227,277	\$93,768	\$53,469	\$1,374,515	\$136,246	\$0	\$0	\$0	\$0	\$136,246	\$1,510,761	\$10,350,580
2027	\$1,264,186	\$94,832	\$54,020	\$1,413,038	\$136,246	\$0	\$0	\$0	\$0	\$136,246	\$1,549,285	\$10,906,684
2028	\$1,330,206	\$98,407	\$54,585	\$1,483,199	\$136,246	\$0	\$0	\$0	\$0	\$136,246	\$1,619,445	\$11,460,291
2029	\$1,377,871	\$100,014	\$55,164	\$1,533,050	\$136,246	\$0	\$0	\$0	\$0	\$136,246	\$1,669,296	\$12,003,766
2030	\$1,475,711	\$104,319	\$55,758	\$1,635,787	\$136,246	\$0	\$0	\$0	\$0	\$136,246	\$1,772,034	\$12,553,217
2031	\$1,499,751	\$104,732	\$56,366	\$1,660,849	\$136,246	\$0	\$0	\$0	\$0	\$136,246	\$1,797,095	\$13,083,904
2032	\$1,579,803	\$108,732	\$56,990	\$1,745,525	\$136,246	\$0	\$0	\$0	\$0	\$136,246	\$1,881,772	\$13,613,135
2033	\$1,632,273	\$109,950	\$57,629	\$1,799,852	\$135,559	\$0	\$0	\$0	\$0	\$135,559	\$1,935,412	\$14,131,532
2034	\$1,719,705	\$114,096	\$58,284	\$1,892,086	\$127,452	\$0	\$0	\$0	\$0	\$127,452	\$2,019,537	\$14,646,703
2035	\$1,786,957	\$116,715	\$58,956	\$1,962,628	\$119,863	\$0	\$0	\$0	\$0	\$119,863	\$2,082,491	\$15,152,636

Table C.1-24 Expansion Plan Economic Summary - Without Taylor Energy Center - Direct-Fired Biomass in 2011

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.972%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions		Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)			
BIOMASS UNIT	84,555		12/01/11	97,852	7,098
GE LMS100 CT BF	72,912	17	12/01/11	85,831	7,701
CFB UNIT BF	653,640	41	12/01/12	807,929	58,607
CFB UNIT BF	653,640	41	12/01/14	848,831	61,574
GE LMS100 CT BF	72,912	17	12/01/19	104,577	9,383
1x1 7FA CC BF	228,480	30	12/01/20	340,312	26,936
IGCC UNIT BF	855,480	38	12/01/22	1,349,507	97,893
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170
GE LMS100 CT GF	76,720	17	12/01/24	124,499	11,170

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Other Capital Cost (\$1,000)	Biomass Unit Total Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,662	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,091	\$30,091	\$0	\$473,182	\$0	\$0	\$0	\$0	\$0	\$0	\$473,182	\$1,405,629
2009	\$439,816	\$35,476	\$0	\$475,292	\$0	\$0	\$0	\$0	\$0	\$0	\$475,292	\$1,816,204
2010	\$487,458	\$48,596	\$0	\$536,055	\$0	\$0	\$0	\$0	\$0	\$0	\$536,055	\$2,257,218
2011	\$532,268	\$61,565	\$82	\$593,915	\$1,257	\$0	\$0	\$0	\$11,484	\$12,741	\$606,656	\$2,732,548
2012	\$559,143	\$63,292	\$1,777	\$624,213	\$19,777	\$0	\$0	\$0	\$11,771	\$31,547	\$655,760	\$3,221,867
2013	\$501,927	\$59,846	\$10,566	\$572,140	\$73,406	\$0	\$0	\$0	\$12,065	\$85,471	\$657,611	\$3,689,238
2014	\$545,867	\$68,089	\$11,663	\$625,618	\$78,636	\$0	\$0	\$0	\$12,367	\$91,002	\$716,621	\$4,174,275
2015	\$534,332	\$69,463	\$21,142	\$624,936	\$134,980	\$0	\$0	\$0	\$12,676	\$147,656	\$772,592	\$4,672,295
2016	\$573,429	\$73,773	\$21,670	\$668,873	\$134,980	\$0	\$0	\$0	\$12,993	\$147,973	\$816,846	\$5,173,768
2017	\$533,818	\$65,795	\$22,212	\$621,824	\$134,980	\$0	\$0	\$0	\$13,317	\$148,298	\$770,122	\$5,624,042
2018	\$592,293	\$72,929	\$22,767	\$687,988	\$134,980	\$0	\$0	\$0	\$13,650	\$148,631	\$836,619	\$6,089,903
2019	\$633,745	\$76,034	\$23,436	\$733,216	\$135,777	\$0	\$0	\$0	\$13,992	\$149,769	\$882,984	\$6,558,169
2020	\$686,327	\$80,031	\$26,230	\$792,588	\$146,651	\$0	\$0	\$0	\$14,341	\$160,992	\$953,580	\$7,039,791
2021	\$703,841	\$79,209	\$38,875	\$821,926	\$171,299	\$0	\$0	\$0	\$14,700	\$185,999	\$1,007,925	\$7,524,620
2022	\$747,739	\$85,597	\$41,064	\$874,400	\$179,613	\$0	\$0	\$0	\$15,067	\$194,680	\$1,069,080	\$8,014,378
2023	\$740,104	\$95,676	\$58,155	\$893,934	\$269,192	\$0	\$0	\$0	\$15,444	\$284,636	\$1,178,570	\$8,528,585
2024	\$847,924	\$101,564	\$59,645	\$1,009,133	\$271,089	\$0	\$0	\$0	\$15,830	\$286,920	\$1,296,053	\$9,067,121
2025	\$908,466	\$104,631	\$64,167	\$1,077,264	\$291,532	\$0	\$0	\$0	\$16,226	\$307,758	\$1,385,021	\$9,615,221
2026	\$933,053	\$106,958	\$65,509	\$1,105,520	\$291,532	\$0	\$0	\$0	\$16,632	\$308,164	\$1,413,684	\$10,148,024
2027	\$962,515	\$109,552	\$66,885	\$1,138,952	\$291,532	\$0	\$0	\$0	\$17,047	\$308,579	\$1,447,531	\$10,667,604
2028	\$1,004,139	\$112,621	\$68,295	\$1,185,055	\$291,532	\$0	\$0	\$0	\$17,474	\$309,006	\$1,494,060	\$11,178,348
2029	\$1,047,774	\$114,756	\$69,741	\$1,232,270	\$291,532	\$0	\$0	\$0	\$17,911	\$309,442	\$1,541,713	\$11,680,286
2030	\$1,113,093	\$118,743	\$71,223	\$1,303,058	\$291,532	\$0	\$0	\$0	\$18,358	\$309,890	\$1,612,948	\$12,180,409
2031	\$1,141,718	\$119,893	\$72,741	\$1,334,352	\$290,878	\$0	\$0	\$0	\$18,817	\$309,695	\$1,644,047	\$12,665,901
2032	\$1,192,354	\$123,557	\$74,298	\$1,390,209	\$283,831	\$0	\$0	\$0	\$19,288	\$303,119	\$1,693,327	\$13,142,134
2033	\$1,238,954	\$125,792	\$75,894	\$1,440,640	\$283,831	\$0	\$0	\$0	\$19,770	\$303,601	\$1,744,241	\$13,609,326
2034	\$1,293,574	\$129,203	\$77,529	\$1,500,305	\$283,831	\$0	\$0	\$0	\$20,264	\$304,095	\$1,804,401	\$14,069,617
2035	\$1,365,226	\$133,834	\$79,205	\$1,578,266	\$283,831	\$0	\$0	\$0	\$20,771	\$304,602	\$1,882,867	\$14,527,052

Table C.1-25 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 on PRB

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	652,972	47,367
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072
CFB UNIT BF	653,640	41	12/01/15	870,051	63,114
GE LMS100 CT BF	72,912	17	12/01/20	107,191	9,617
GE LMS100 CT BF	72,912	17	12/01/21	109,871	9,858
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372
GE LMS100 CT GF	76,720	17	12/01/22	118,500	10,632
1x1 7FA CC BF	228,480	30	12/01/23	366,479	29,007

Year	Production Cost			Total Production Cost (\$1,000)	Capital Cost and Other Project Costs					Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M			Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)		
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439
2008	\$443,087	\$30,091	\$0	\$473,178	\$0	\$0	\$0	\$0	\$0	\$473,178	\$1,405,625
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,917
2010	\$484,925	\$48,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,848
2011	\$534,412	\$62,015	\$0	\$596,427	\$0	\$0	\$0	\$0	\$0	\$596,427	\$2,721,165
2012	\$530,939	\$57,901	\$4,450	\$593,291	\$31,707	\$789	\$4,928	\$2,100	\$477	\$600,000	\$3,193,736
2013	\$538,822	\$58,490	\$7,608	\$604,920	\$52,489	\$807	\$7,392	\$0	\$746	\$611,416	\$3,667,288
2014	\$514,294	\$62,826	\$16,761	\$593,881	\$107,439	\$827	\$7,392	\$0	\$782	\$116,440	\$4,148,062
2015	\$570,262	\$67,291	\$18,033	\$655,586	\$112,799	\$848	\$7,392	\$0	\$817	\$121,856	\$4,649,208
2016	\$538,090	\$67,878	\$27,901	\$633,869	\$170,552	\$869	\$7,392	\$0	\$854	\$179,667	\$5,148,649
2017	\$521,375	\$63,640	\$28,599	\$613,614	\$170,552	\$891	\$7,392	\$0	\$892	\$179,727	\$5,612,499
2018	\$568,403	\$69,289	\$29,314	\$667,006	\$170,552	\$913	\$7,392	\$0	\$933	\$179,790	\$6,084,027
2019	\$609,244	\$71,853	\$30,047	\$711,144	\$170,552	\$936	\$7,392	\$0	\$974	\$179,855	\$6,556,542
2020	\$668,073	\$78,560	\$30,900	\$777,532	\$171,369	\$959	\$7,392	\$0	\$1,018	\$180,739	\$7,040,534
2021	\$709,158	\$81,382	\$33,041	\$823,581	\$181,888	\$983	\$7,392	\$0	\$1,064	\$191,327	\$7,528,723
2022	\$725,257	\$82,069	\$36,692	\$844,017	\$201,303	\$1,008	\$7,392	\$0	\$1,112	\$210,815	\$8,011,953
2023	\$798,003	\$86,757	\$40,303	\$925,062	\$213,495	\$1,033	\$7,392	\$0	\$1,162	\$223,082	\$8,512,885
2024	\$887,135	\$89,296	\$53,487	\$1,029,918	\$240,038	\$1,059	\$7,392	\$0	\$1,214	\$249,703	\$9,044,594
2025	\$962,592	\$94,956	\$54,562	\$1,112,110	\$240,038	\$1,086	\$7,392	\$0	\$1,269	\$249,785	\$9,583,542
2026	\$990,248	\$96,622	\$55,664	\$1,142,534	\$240,038	\$1,113	\$7,392	\$0	\$1,326	\$249,869	\$10,108,324
2027	\$1,021,287	\$98,265	\$56,794	\$1,176,346	\$240,038	\$1,141	\$7,392	\$0	\$1,386	\$249,956	\$10,620,284
2028	\$1,063,741	\$100,858	\$57,932	\$1,222,551	\$240,038	\$1,169	\$7,392	\$0	\$1,448	\$250,047	\$11,123,692
2029	\$1,116,341	\$103,548	\$59,139	\$1,279,028	\$240,038	\$1,198	\$7,392	\$0	\$1,513	\$250,142	\$11,621,545
2030	\$1,183,448	\$107,446	\$60,356	\$1,351,250	\$240,038	\$1,228	\$7,392	\$0	\$1,581	\$250,240	\$12,118,116
2031	\$1,204,171	\$107,501	\$61,603	\$1,373,275	\$240,038	\$1,259	\$7,392	\$0	\$1,653	\$250,342	\$12,597,574
2032	\$1,261,513	\$111,130	\$62,881	\$1,435,524	\$240,038	\$1,290	\$7,392	\$0	\$1,727	\$250,447	\$13,071,738
2033	\$1,315,285	\$113,314	\$64,191	\$1,492,790	\$240,038	\$1,323	\$7,392	\$0	\$1,805	\$250,557	\$13,538,691
2034	\$1,372,414	\$116,337	\$65,534	\$1,554,284	\$240,038	\$1,356	\$7,392	\$0	\$1,886	\$250,672	\$13,999,124
2035	\$1,446,459	\$121,053	\$66,910	\$1,634,423	\$240,038	\$1,390	\$7,392	\$0	\$1,971	\$250,790	\$14,457,129

Table C.1-26 Expansion Plan Economic Summary - With Taylor Energy Center in May of 2013

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	9.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
TEC	NA	NA	05/01/13	670,428	48,633	
CFB UNIT BF	653,640	41	12/01/13	828,128	60,072	
CFB UNIT BF	653,640	41	12/01/15	870,051	63,114	
GE LMS100 CT BF	72,912	17	12/01/20	107,191	9,617	
GE LMS100 CT BF	72,912	17	12/01/21	109,871	9,858	
GE LMS100 CT GF	76,720	17	12/01/21	115,609	10,372	
GE LMS100 CT GF	76,720	17	12/01/22	118,500	10,632	
1x1 7FA CC BF	228,480	30	12/01/23	366,479	29,007	

Year	Production Cost				Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Adder (\$1,000)	Total Capital Cost (\$1,000)			
		Variable (\$1,000)	Fixed (\$1,000)										
2006	\$488,458	\$28,156	\$0	\$516,614	\$0	\$0	\$0	\$0	\$0	\$0	\$516,614	\$516,614	
2007	\$454,155	\$28,661	\$0	\$482,816	\$0	\$0	\$0	\$0	\$0	\$0	\$482,816	\$976,439	
2008	\$443,091	\$30,091	\$0	\$473,182	\$0	\$0	\$0	\$0	\$0	\$0	\$473,182	\$1,405,629	
2009	\$438,205	\$35,601	\$0	\$473,806	\$0	\$0	\$0	\$0	\$0	\$0	\$473,806	\$1,814,921	
2010	\$464,925	\$46,598	\$0	\$533,524	\$0	\$0	\$0	\$0	\$0	\$0	\$533,524	\$2,253,852	
2011	\$534,412	\$62,015	\$0	\$596,427	\$0	\$0	\$0	\$0	\$0	\$0	\$596,427	\$2,721,168	
2012	\$591,682	\$70,555	\$0	\$662,237	\$0	\$0	\$2,100	\$0	\$2,100	\$0	\$664,337	\$3,216,907	
2013	\$563,225	\$62,551	\$5,374	\$631,150	\$37,857	\$807	\$4,928	\$5,550	\$489	\$49,431	\$680,581	\$3,700,583	
2014	\$518,304	\$62,774	\$16,762	\$597,841	\$108,705	\$827	\$7,392	\$0	\$767	\$117,691	\$715,532	\$4,184,884	
2015	\$574,301	\$67,247	\$18,034	\$659,582	\$114,066	\$848	\$7,392	\$0	\$802	\$123,107	\$782,689	\$4,689,412	
2016	\$540,883	\$67,840	\$27,902	\$636,626	\$171,819	\$869	\$7,392	\$0	\$838	\$180,917	\$817,543	\$5,191,313	
2017	\$522,631	\$63,602	\$28,600	\$614,832	\$171,819	\$891	\$7,392	\$0	\$875	\$180,977	\$795,809	\$5,656,606	
2018	\$568,600	\$69,235	\$29,315	\$667,150	\$171,819	\$913	\$7,392	\$0	\$915	\$181,038	\$848,188	\$6,128,909	
2019	\$609,429	\$71,818	\$30,048	\$711,294	\$171,819	\$936	\$7,392	\$0	\$956	\$181,102	\$892,397	\$6,602,166	
2020	\$668,856	\$78,515	\$30,901	\$778,272	\$172,636	\$959	\$7,392	\$0	\$999	\$181,986	\$960,257	\$7,087,161	
2021	\$708,734	\$81,344	\$33,042	\$823,120	\$183,154	\$983	\$7,392	\$0	\$1,044	\$192,573	\$1,015,693	\$7,575,727	
2022	\$724,320	\$82,046	\$36,693	\$843,060	\$202,569	\$1,008	\$7,392	\$0	\$1,091	\$212,060	\$1,055,119	\$8,059,089	
2023	\$794,899	\$85,764	\$40,304	\$920,966	\$214,761	\$1,033	\$7,392	\$0	\$1,140	\$224,326	\$1,145,293	\$8,558,776	
2024	\$885,224	\$88,235	\$53,488	\$1,026,947	\$241,305	\$1,059	\$7,392	\$0	\$1,191	\$250,947	\$1,277,893	\$9,089,767	
2025	\$959,149	\$93,804	\$54,564	\$1,107,518	\$241,305	\$1,086	\$7,392	\$0	\$1,245	\$251,027	\$1,358,544	\$9,627,389	
2026	\$987,734	\$95,523	\$55,666	\$1,138,923	\$241,305	\$1,113	\$7,392	\$0	\$1,301	\$251,110	\$1,390,032	\$10,151,278	
2027	\$1,015,809	\$97,241	\$56,796	\$1,169,846	\$241,305	\$1,141	\$7,392	\$0	\$1,359	\$251,196	\$1,421,042	\$10,661,350	
2028	\$1,057,676	\$99,715	\$57,954	\$1,215,345	\$241,305	\$1,169	\$7,392	\$0	\$1,420	\$251,286	\$1,466,630	\$11,162,718	
2029	\$1,110,013	\$102,156	\$59,141	\$1,271,309	\$241,305	\$1,198	\$7,392	\$0	\$1,484	\$251,379	\$1,522,688	\$11,658,461	
2030	\$1,175,041	\$105,948	\$60,357	\$1,341,346	\$241,305	\$1,228	\$7,392	\$0	\$1,551	\$251,476	\$1,592,822	\$12,152,344	
2031	\$1,196,499	\$105,808	\$61,604	\$1,363,912	\$241,305	\$1,259	\$7,392	\$0	\$1,621	\$251,576	\$1,615,488	\$12,629,402	
2032	\$1,252,499	\$109,407	\$62,883	\$1,424,789	\$241,305	\$1,290	\$7,392	\$0	\$1,694	\$251,681	\$1,676,469	\$13,100,894	
2033	\$1,304,347	\$111,433	\$64,193	\$1,479,973	\$241,305	\$1,323	\$7,392	\$0	\$1,770	\$251,789	\$1,731,762	\$13,564,743	
2034	\$1,358,903	\$114,405	\$65,536	\$1,538,844	\$241,305	\$1,356	\$7,392	\$0	\$1,850	\$251,902	\$1,790,745	\$14,021,551	
2035	\$1,434,407	\$119,186	\$66,912	\$1,620,506	\$241,305	\$1,390	\$7,392	\$0	\$1,933	\$252,019	\$1,872,525	\$14,476,474	

Table D.5-4 Expansion Plan Economic Summary - With Taylor Energy Center in 2012

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
TEC	NA	NA	05/01/12	193,266	14,019
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$42,749	\$33,016	\$10,892	\$86,656	\$5,066	\$0	\$0	\$0	\$5,066	\$5,066	\$91,722	\$295,747
2012	\$47,793	\$16,656	\$6,928	\$71,377	\$16,932	\$233	\$679	\$142	\$0	\$17,985	\$89,362	\$362,430
2013	\$51,643	\$8,865	\$7,778	\$68,286	\$21,566	\$238	\$1,019	\$221	\$0	\$23,045	\$91,331	\$427,337
2014	\$47,877	\$20,443	\$11,491	\$79,811	\$21,566	\$244	\$1,019	\$231	\$0	\$23,061	\$102,871	\$496,964
2015	\$46,502	\$26,945	\$11,702	\$85,149	\$21,566	\$250	\$1,019	\$241	\$0	\$23,077	\$108,227	\$566,728
2016	\$48,103	\$28,775	\$11,915	\$88,793	\$21,566	\$257	\$1,019	\$252	\$0	\$23,094	\$111,887	\$635,417
2017	\$49,153	\$30,647	\$12,116	\$91,916	\$21,566	\$263	\$1,019	\$263	\$0	\$23,112	\$115,029	\$702,672
2018	\$71,165	\$3,941	\$12,641	\$87,747	\$33,609	\$270	\$1,019	\$275	\$0	\$35,174	\$122,921	\$771,119
2019	\$73,029	\$4,106	\$15,763	\$92,898	\$39,508	\$276	\$1,019	\$288	\$0	\$41,091	\$133,989	\$842,176
2020	\$76,924	\$4,234	\$15,979	\$97,138	\$39,508	\$283	\$1,019	\$301	\$0	\$41,111	\$138,249	\$912,001
2021	\$80,453	\$4,367	\$16,201	\$101,020	\$39,508	\$290	\$1,019	\$314	\$0	\$41,132	\$142,152	\$980,379
2022	\$83,711	\$4,503	\$16,428	\$104,642	\$39,508	\$298	\$1,019	\$328	\$0	\$41,153	\$145,796	\$1,047,169
2023	\$87,983	\$4,644	\$16,661	\$109,288	\$39,508	\$305	\$1,019	\$343	\$0	\$41,175	\$150,463	\$1,112,816
2024	\$93,679	\$4,789	\$16,899	\$115,367	\$39,508	\$313	\$1,019	\$359	\$0	\$41,198	\$156,565	\$1,177,872
2025	\$98,417	\$4,938	\$17,144	\$120,499	\$39,508	\$321	\$1,019	\$375	\$0	\$41,222	\$161,721	\$1,241,871
2026	\$102,555	\$5,091	\$17,395	\$125,041	\$39,508	\$329	\$1,019	\$392	\$0	\$41,247	\$166,258	\$1,304,532
2027	\$106,352	\$5,188	\$17,652	\$129,192	\$39,508	\$337	\$1,019	\$409	\$0	\$41,273	\$170,465	\$1,365,719
2028	\$111,213	\$5,318	\$17,915	\$134,445	\$39,508	\$345	\$1,019	\$428	\$0	\$41,300	\$175,745	\$1,425,797
2029	\$116,031	\$5,451	\$18,185	\$139,666	\$39,508	\$354	\$1,019	\$447	\$0	\$41,328	\$180,994	\$1,484,724
2030	\$121,050	\$5,587	\$18,462	\$145,099	\$39,508	\$363	\$1,019	\$467	\$0	\$41,357	\$186,455	\$1,542,538
2031	\$126,298	\$5,726	\$18,745	\$150,770	\$39,508	\$372	\$1,019	\$488	\$0	\$41,387	\$192,157	\$1,599,262
2032	\$131,796	\$5,870	\$19,036	\$156,701	\$39,508	\$381	\$1,019	\$510	\$0	\$41,418	\$198,119	\$1,655,001
2033	\$137,552	\$6,016	\$19,334	\$162,902	\$39,508	\$391	\$1,019	\$533	\$0	\$41,451	\$204,353	\$1,709,737
2034	\$143,580	\$6,167	\$19,639	\$169,386	\$39,508	\$400	\$1,019	\$557	\$0	\$41,484	\$210,870	\$1,763,528
2035	\$149,882	\$6,321	\$19,952	\$176,155	\$39,508	\$410	\$1,019	\$582	\$0	\$41,519	\$217,675	\$1,816,412

Year	Fuel and Energy Cost (\$1,000)		O&M		Production Cost (\$1,000)		Capital Cost and Other Project Costs (\$1,000)					Cumulative Present Worth Cost (\$1,000)
	Fixed	Variable	Fixed	Variable	Total	Unit Capital Cost	Community Contribution	Transmission Charge	Ongoing Capex	Other Capital	Total Capital	
2035	\$203,107	\$7,813	\$21,997	\$21,997	\$223,918	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$2,071,963
2034	\$194,152	\$7,437	\$21,692	\$21,692	\$223,466	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$2,007,209
2033	\$185,586	\$7,437	\$21,394	\$21,394	\$223,417	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,941,629
2032	\$177,396	\$7,255	\$21,104	\$21,104	\$205,756	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,875,194
2031	\$168,575	\$7,079	\$20,821	\$20,821	\$197,474	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,807,873
2030	\$162,095	\$6,906	\$20,544	\$20,544	\$189,545	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,739,632
2029	\$154,941	\$6,737	\$20,275	\$20,275	\$181,953	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,670,437
2028	\$148,249	\$6,573	\$20,012	\$20,012	\$174,934	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,600,254
2027	\$141,734	\$6,413	\$19,755	\$19,755	\$167,962	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,528,996
2026	\$135,584	\$6,256	\$19,505	\$19,505	\$161,325	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,456,641
2025	\$129,751	\$6,104	\$19,260	\$19,260	\$154,815	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,383,170
2024	\$123,513	\$5,926	\$19,022	\$19,022	\$148,461	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,308,482
2023	\$117,349	\$5,754	\$18,790	\$18,790	\$142,292	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,227,826
2022	\$111,660	\$5,584	\$18,563	\$18,563	\$136,262	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,146,252
2021	\$106,288	\$5,423	\$18,341	\$18,341	\$130,325	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$1,070,628
2020	\$101,075	\$5,264	\$18,126	\$18,126	\$124,465	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$999,111
2019	\$96,302	\$5,110	\$17,915	\$17,915	\$118,727	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$920,070
2018	\$91,457	\$4,984	\$17,708	\$17,708	\$113,140	\$33,616	\$33,616	\$0	\$0	\$0	\$33,616	\$838,961
2017	\$87,174	\$4,922	\$17,506	\$17,506	\$107,736	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$759,413
2016	\$83,030	\$4,871	\$17,311	\$17,311	\$102,529	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$681,118
2015	\$78,502	\$4,820	\$17,126	\$17,126	\$97,502	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$602,108
2014	\$73,222	\$4,778	\$16,951	\$16,951	\$92,629	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$522,336
2013	\$67,412	\$4,736	\$16,786	\$16,786	\$87,902	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$443,966
2012	\$61,382	\$4,694	\$16,629	\$16,629	\$83,302	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$370,092
2011	\$55,249	\$4,652	\$16,481	\$16,481	\$78,830	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$295,747
2010	\$49,143	\$4,610	\$16,341	\$16,341	\$74,464	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$223,880
2009	\$43,019	\$4,568	\$16,202	\$16,202	\$70,201	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$163,159
2008	\$36,816	\$4,526	\$16,065	\$16,065	\$66,029	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$101,253
2007	\$30,586	\$4,484	\$15,929	\$15,929	\$61,929	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$58,415
2006	\$24,382	\$4,442	\$15,794	\$15,794	\$57,894	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$51,866
2005	\$18,249	\$4,400	\$15,660	\$15,660	\$53,929	\$15,674	\$15,674	\$0	\$0	\$0	\$15,674	\$51,866

Case Description	Load Forecast	Base Case	Generation Additions		Unit Addition
			2006 Capital Cost (\$1,000)	Development and Construction Period (months)	
GE L6000 1x1 CC	82,096	82,096	18	05/01/11	7,547
GE L6000 1x1 CC	82,096	82,096	18	05/01/14	8,127
GE L6000 1x1 CC	82,096	82,096	18	05/01/18	102,689
GE L6000 1x1 CC	82,096	82,096	18	05/01/18	113,340
					8,971

Economic Parameters	Financial Parameters
CPW Discount Rate: 5.0%	Fixed Charge Rate Const: 5.00%
Final Capital Escalation Rate: 2.5%	Fixed Charge Rate CC: (20 year) 8.97%
Base Year for CPW \$: 2006	Fixed Charge Rate Coal: (30 year) 7.25%

Table D-5-5 Expansion Plan Economic Summary - Without Taylor Energy Center

Table D.1-1 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Fuel Prices

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	High Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
TEC	NA	NA	05/01/12	193,352	14,026
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$53,188	\$285	\$0	\$53,473	\$0	\$0	\$0	\$0	\$0	\$0	\$53,473	\$53,473
2007	\$49,124	\$247	\$0	\$49,370	\$0	\$0	\$0	\$0	\$0	\$0	\$49,370	\$100,492
2008	\$48,097	\$265	\$0	\$48,362	\$0	\$0	\$0	\$0	\$0	\$0	\$48,362	\$144,358
2009	\$49,262	\$304	\$0	\$49,565	\$0	\$0	\$0	\$0	\$0	\$0	\$49,565	\$187,174
2010	\$50,172	\$333	\$0	\$50,506	\$0	\$0	\$0	\$0	\$0	\$0	\$50,506	\$228,726
2011	\$46,403	\$33,377	\$10,892	\$90,672	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$95,738	\$303,739
2012	\$51,712	\$16,810	\$6,928	\$75,450	\$16,936	\$233	\$679	\$142	\$0	\$17,989	\$93,439	\$373,464
2013	\$56,055	\$8,816	\$7,778	\$72,649	\$21,573	\$238	\$1,019	\$221	\$0	\$23,051	\$95,700	\$441,477
2014	\$53,287	\$20,536	\$11,491	\$85,314	\$21,573	\$244	\$1,019	\$231	\$0	\$23,067	\$108,380	\$514,833
2015	\$51,988	\$27,102	\$11,702	\$90,792	\$21,573	\$250	\$1,019	\$241	\$0	\$23,083	\$113,875	\$588,238
2016	\$54,022	\$28,948	\$11,915	\$94,885	\$21,573	\$257	\$1,019	\$252	\$0	\$23,101	\$117,986	\$660,671
2017	\$55,919	\$30,839	\$12,116	\$98,874	\$21,573	\$263	\$1,019	\$263	\$0	\$23,118	\$121,992	\$731,998
2018	\$82,848	\$3,941	\$12,641	\$99,431	\$33,616	\$270	\$1,019	\$275	\$0	\$35,180	\$134,611	\$806,954
2019	\$84,928	\$4,106	\$15,763	\$104,797	\$39,514	\$276	\$1,019	\$288	\$0	\$41,098	\$145,894	\$884,325
2020	\$89,687	\$4,234	\$15,979	\$109,901	\$39,514	\$283	\$1,019	\$301	\$0	\$41,117	\$151,018	\$960,599
2021	\$94,499	\$4,367	\$16,201	\$115,067	\$39,514	\$290	\$1,019	\$314	\$0	\$41,136	\$156,205	\$1,035,736
2022	\$98,931	\$4,503	\$16,428	\$119,862	\$39,514	\$298	\$1,019	\$328	\$0	\$41,159	\$161,022	\$1,109,502
2023	\$103,296	\$4,644	\$16,661	\$124,601	\$39,514	\$305	\$1,019	\$343	\$0	\$41,182	\$165,782	\$1,181,832
2024	\$109,621	\$4,789	\$16,899	\$131,309	\$39,514	\$313	\$1,019	\$359	\$0	\$41,205	\$172,514	\$1,253,516
2025	\$115,458	\$4,938	\$17,144	\$137,540	\$39,514	\$321	\$1,019	\$375	\$0	\$41,229	\$178,769	\$1,324,260
2026	\$120,447	\$5,061	\$17,395	\$142,903	\$39,514	\$329	\$1,019	\$392	\$0	\$41,254	\$184,156	\$1,393,667
2027	\$125,379	\$5,188	\$17,652	\$148,219	\$39,514	\$337	\$1,019	\$409	\$0	\$41,279	\$189,498	\$1,461,686
2028	\$131,342	\$5,318	\$17,915	\$154,574	\$39,514	\$345	\$1,019	\$428	\$0	\$41,306	\$195,881	\$1,528,648
2029	\$137,306	\$5,451	\$18,185	\$160,942	\$39,514	\$354	\$1,019	\$447	\$0	\$41,334	\$202,276	\$1,594,503
2030	\$143,541	\$5,587	\$18,462	\$167,590	\$39,514	\$363	\$1,019	\$467	\$0	\$41,363	\$208,953	\$1,659,292
2031	\$150,078	\$5,726	\$18,745	\$174,549	\$39,514	\$372	\$1,019	\$488	\$0	\$41,393	\$215,942	\$1,723,061
2032	\$156,926	\$5,870	\$19,036	\$181,832	\$39,514	\$381	\$1,019	\$510	\$0	\$41,424	\$223,256	\$1,785,850
2033	\$164,104	\$6,016	\$19,334	\$189,455	\$39,514	\$391	\$1,019	\$533	\$0	\$41,457	\$230,911	\$1,847,899
2034	\$171,627	\$6,167	\$19,639	\$197,433	\$39,514	\$400	\$1,019	\$557	\$0	\$41,491	\$238,923	\$1,908,647
2035	\$179,520	\$6,321	\$19,952	\$205,793	\$39,514	\$410	\$1,019	\$582	\$0	\$41,526	\$247,318	\$1,968,732

Table D.1-2 Expansion Plan Economic Summary - Without Taylor Energy Center - High Fuel Prices

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	High Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
GE LM6000 1X1 CC	82,096	18	05/01/14	102,680	8,127
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost				Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)			
		Variable (\$1,000)	Fixed (\$1,000)										
2006	\$53,188	\$285	\$0	\$53,473	\$0	\$0	\$0	\$0	\$0	\$0	\$53,473	\$53,473	
2007	\$49,124	\$247	\$0	\$49,370	\$0	\$0	\$0	\$0	\$0	\$0	\$49,370	\$100,492	
2008	\$48,097	\$265	\$0	\$48,362	\$0	\$0	\$0	\$0	\$0	\$0	\$48,362	\$144,358	
2009	\$49,262	\$304	\$0	\$49,565	\$0	\$0	\$0	\$0	\$0	\$0	\$49,565	\$197,174	
2010	\$50,172	\$333	\$0	\$50,506	\$0	\$0	\$0	\$0	\$0	\$0	\$50,506	\$228,726	
2011	\$46,403	\$33,377	\$10,892	\$90,672	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$95,738	\$303,739	
2012	\$49,837	\$34,532	\$12,396	\$96,765	\$7,547	\$0	\$0	\$0	\$0	\$7,547	\$104,312	\$381,578	
2013	\$52,780	\$36,521	\$12,554	\$101,854	\$7,547	\$0	\$0	\$0	\$0	\$7,547	\$109,401	\$458,328	
2014	\$60,599	\$36,004	\$13,972	\$110,575	\$13,002	\$0	\$0	\$0	\$0	\$13,002	\$123,577	\$542,969	
2015	\$66,171	\$35,093	\$15,570	\$116,833	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$132,507	\$628,385	
2016	\$69,064	\$37,316	\$15,778	\$122,159	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$137,833	\$713,002	
2017	\$72,097	\$39,683	\$15,969	\$127,749	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$143,423	\$796,859	
2018	\$110,299	\$4,884	\$14,798	\$129,981	\$27,717	\$0	\$0	\$0	\$0	\$27,717	\$157,698	\$884,671	
2019	\$111,195	\$5,110	\$17,915	\$134,220	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$167,836	\$973,678	
2020	\$116,760	\$5,264	\$18,126	\$140,150	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$173,785	\$1,061,441	
2021	\$122,886	\$5,423	\$18,341	\$146,650	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$180,266	\$1,148,152	
2022	\$129,189	\$5,584	\$18,563	\$153,336	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$186,952	\$1,233,797	
2023	\$135,618	\$5,754	\$18,790	\$160,162	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$193,777	\$1,318,342	
2024	\$142,677	\$5,926	\$19,022	\$167,625	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$201,241	\$1,401,961	
2025	\$149,903	\$6,104	\$19,260	\$175,268	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$208,883	\$1,484,624	
2026	\$156,661	\$6,256	\$19,505	\$182,422	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$216,098	\$1,566,046	
2027	\$163,894	\$6,413	\$19,755	\$190,062	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$223,678	\$1,646,334	
2028	\$171,396	\$6,573	\$20,012	\$197,981	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$231,587	\$1,725,505	
2029	\$179,159	\$6,737	\$20,275	\$206,170	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$239,786	\$1,803,572	
2030	\$187,461	\$6,906	\$20,544	\$214,911	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$248,526	\$1,880,632	
2031	\$196,146	\$7,079	\$20,821	\$224,045	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$257,661	\$1,956,720	
2032	\$205,237	\$7,255	\$21,104	\$233,597	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$267,212	\$2,031,871	
2033	\$214,756	\$7,437	\$21,394	\$243,587	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$277,203	\$2,106,120	
2034	\$224,714	\$7,623	\$21,692	\$254,029	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$287,644	\$2,179,496	
2035	\$235,134	\$7,813	\$21,997	\$264,944	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$298,560	\$2,252,030	

Table D.1-3 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Fuel Prices

Case Description	Financial Parameters		Economic Parameters		Fuel Forecast		Low Case	
	Fixed Charge Rate (30 year)	Fixed Charge Rate (25 year)	Interest During Construction	CPW Discount Rate	Final Capital Escalation Rate	Base Year for CPW \$	Fixed Charge Rate (20 year)	Fixed Charge Rate (15 year)
	5.00%	7.25%	6.97%	5.0%	2.5%	2006	7.25%	7.25%

Unit Addition	Generation Additions		Construction and Development Period		Installed		Levelized	
	2006 Capital Cost (\$1,000)	Development Period (months)	Month/Day/Year	Installed Cost (\$1,000)	Year	Cost (\$1,000)	Cost (\$1,000)	
GE LM6000 1x1 CC	82,096	18	05/01/11	95,349	7,547	113,340	8,971	
TEC	NA	NA	05/01/12	192,692	13,976	113,340	8,971	
GE LM6000 1x1 CC	82,096	18	05/01/18	113,340	8,971	113,340	8,971	

Year	Fuel and Energy Cost		O&M		Production Cost		Capital Cost and Other Project Costs		Cumulative Present Worth Cost (\$1,000)
	Fixed	Variable	Fixed	Variable	Total	Unit Capital Cost	Community Contribution	Transmission Charge	
2006	\$49,125	\$342	\$0	\$0	\$49,468	\$0	\$0	\$0	\$49,468
2007	\$46,216	\$298	\$0	\$0	\$46,515	\$0	\$0	\$0	\$93,787
2008	\$45,183	\$316	\$0	\$0	\$45,499	\$0	\$0	\$0	\$135,037
2009	\$46,514	\$362	\$0	\$0	\$46,876	\$0	\$0	\$0	\$175,529
2010	\$47,634	\$515	\$0	\$0	\$48,149	\$0	\$0	\$0	\$215,142
2011	\$56,330	\$32,991	\$10,692	\$0	\$80,212	\$0	\$0	\$0	\$261,956
2012	\$40,432	\$16,115	\$6,928	\$0	\$6,074	\$16,904	\$233	\$12	\$343,172
2013	\$44,411	\$8,956	\$7,778	\$0	\$81,145	\$21,525	\$238	\$19	\$402,975
2014	\$39,534	\$20,333	\$11,702	\$0	\$71,188	\$21,525	\$244	\$21	\$466,855
2015	\$38,657	\$26,630	\$11,915	\$0	\$80,354	\$21,525	\$257	\$24	\$531,458
2016	\$39,783	\$30,656	\$12,116	\$0	\$83,719	\$21,525	\$263	\$26	\$594,941
2017	\$41,139	\$30,524	\$12,116	\$0	\$83,719	\$21,525	\$270	\$27	\$657,413
2018	\$57,788	\$34,941	\$12,641	\$15,763	\$78,996	\$33,588	\$276	\$27	\$718,389
2019	\$59,127	\$4,106	\$15,763	\$0	\$78,996	\$33,588	\$276	\$27	\$782,051
2020	\$62,005	\$4,234	\$15,979	\$0	\$82,219	\$33,588	\$283	\$30	\$844,320
2021	\$64,971	\$4,367	\$16,201	\$0	\$85,539	\$33,588	\$290	\$31	\$905,231
2022	\$67,574	\$4,503	\$16,428	\$0	\$88,505	\$33,588	\$305	\$34	\$964,510
2023	\$70,617	\$4,644	\$16,661	\$0	\$91,922	\$33,588	\$321	\$36	\$1,022,662
2024	\$74,416	\$4,789	\$16,899	\$0	\$96,104	\$33,588	\$333	\$39	\$1,079,697
2025	\$78,106	\$4,938	\$17,144	\$0	\$100,180	\$33,588	\$347	\$41	\$1,135,641
2026	\$81,173	\$5,061	\$17,395	\$0	\$103,629	\$33,588	\$359	\$44	\$1,190,228
2027	\$83,690	\$5,188	\$17,652	\$0	\$107,279	\$33,588	\$372	\$47	\$1,243,337
2028	\$87,636	\$5,318	\$17,915	\$0	\$110,860	\$33,588	\$385	\$49	\$1,295,342
2029	\$91,305	\$5,451	\$18,185	\$0	\$114,941	\$33,588	\$397	\$51	\$1,346,205
2030	\$95,095	\$5,587	\$18,462	\$0	\$119,143	\$33,588	\$409	\$53	\$1,395,958
2031	\$99,039	\$5,726	\$18,745	\$0	\$123,531	\$33,588	\$421	\$55	\$1,444,666
2032	\$103,208	\$5,870	\$19,036	\$0	\$128,114	\$33,588	\$433	\$57	\$1,492,314
2033	\$107,653	\$6,016	\$19,334	\$0	\$132,895	\$33,588	\$445	\$59	\$1,538,988
2034	\$112,053	\$6,167	\$19,639	\$0	\$137,869	\$33,588	\$457	\$61	\$1,584,739
2035	\$116,794	\$6,321	\$19,952	\$0	\$143,068	\$33,588	\$469	\$63	\$1,629,574

Table D.1-4 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Fuel Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Low Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547	
GE LM6000 1X1 CC	82,096	18	05/01/14	102,680	8,127	
GE LM6000 1X1 CC	82,096	18	05/01/16	113,340	8,971	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	

Year	Production Cost				Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)			
		Variable (\$1,000)	Fixed (\$1,000)										
2006	\$49,125	\$342	\$0	\$49,468	\$0	\$0	\$0	\$0	\$0	\$0	\$49,468	\$49,468	
2007	\$46,216	\$298	\$0	\$46,515	\$0	\$0	\$0	\$0	\$0	\$0	\$46,515	\$93,767	
2008	\$45,183	\$316	\$0	\$45,499	\$0	\$0	\$0	\$0	\$0	\$0	\$45,499	\$135,037	
2009	\$46,514	\$362	\$0	\$46,876	\$0	\$0	\$0	\$0	\$0	\$0	\$46,876	\$175,529	
2010	\$47,634	\$515	\$0	\$48,149	\$0	\$0	\$0	\$0	\$0	\$0	\$48,149	\$215,142	
2011	\$36,330	\$32,991	\$10,892	\$80,212	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$85,278	\$281,959	
2012	\$37,904	\$34,362	\$12,306	\$84,662	\$7,547	\$0	\$0	\$0	\$0	\$7,547	\$92,209	\$350,767	
2013	\$39,584	\$36,501	\$12,554	\$88,639	\$7,547	\$0	\$0	\$0	\$0	\$7,547	\$96,186	\$419,124	
2014	\$41,798	\$35,301	\$13,972	\$91,071	\$13,002	\$0	\$0	\$0	\$0	\$13,002	\$104,073	\$489,565	
2015	\$44,915	\$34,865	\$15,570	\$95,349	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$111,023	\$561,131	
2016	\$46,822	\$37,077	\$15,778	\$99,678	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$115,352	\$631,948	
2017	\$48,977	\$39,357	\$15,969	\$104,303	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$119,977	\$702,096	
2018	\$73,548	\$4,884	\$14,798	\$93,231	\$27,717	\$0	\$0	\$0	\$0	\$27,717	\$120,948	\$769,444	
2019	\$74,142	\$5,110	\$17,915	\$97,168	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$130,783	\$838,801	
2020	\$77,801	\$5,264	\$18,126	\$101,191	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$134,807	\$906,888	
2021	\$81,850	\$5,423	\$18,341	\$105,614	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$139,230	\$973,860	
2022	\$86,022	\$5,584	\$18,563	\$110,168	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$143,784	\$1,039,729	
2023	\$90,378	\$5,754	\$18,790	\$114,921	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$148,537	\$1,104,535	
2024	\$94,989	\$5,926	\$19,022	\$119,937	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$153,553	\$1,168,339	
2025	\$99,803	\$6,104	\$19,260	\$125,167	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$158,782	\$1,231,175	
2026	\$104,263	\$6,296	\$19,505	\$130,024	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$163,640	\$1,292,849	
2027	\$109,051	\$6,413	\$19,755	\$135,219	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$168,835	\$1,353,451	
2028	\$114,019	\$6,573	\$20,012	\$140,604	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$174,220	\$1,413,008	
2029	\$119,168	\$6,737	\$20,275	\$146,180	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$179,796	\$1,471,545	
2030	\$124,666	\$6,906	\$20,544	\$152,116	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$185,732	\$1,529,134	
2031	\$130,422	\$7,079	\$20,821	\$158,321	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$191,937	\$1,585,814	
2032	\$136,450	\$7,255	\$21,104	\$164,809	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$198,425	\$1,641,619	
2033	\$142,747	\$7,437	\$21,394	\$171,578	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$205,194	\$1,696,580	
2034	\$149,338	\$7,623	\$21,692	\$178,652	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$212,268	\$1,750,728	
2035	\$156,231	\$7,813	\$21,997	\$186,042	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$219,658	\$1,804,093	

Table D.1-5 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Load and Energy Growth

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	High Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CF: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547	
TEC	NA	NA	05/01/12	193,266	14,019	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$52,817	\$328	\$0	\$53,145	\$0	\$0	\$0	\$0	\$0	\$0	\$53,145	\$53,145
2007	\$49,757	\$272	\$0	\$50,030	\$0	\$0	\$0	\$0	\$0	\$0	\$50,030	\$100,792
2008	\$48,031	\$308	\$0	\$48,339	\$0	\$0	\$0	\$0	\$0	\$0	\$48,339	\$144,638
2009	\$49,395	\$359	\$0	\$49,754	\$0	\$0	\$0	\$0	\$0	\$0	\$49,754	\$187,617
2010	\$50,345	\$395	\$0	\$50,740	\$0	\$0	\$0	\$0	\$0	\$0	\$50,740	\$229,361
2011	\$44,210	\$34,453	\$11,231	\$89,894	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$94,960	\$303,765
2012	\$50,979	\$18,436	\$7,380	\$75,795	\$16,932	\$233	\$679	\$142	\$0	\$17,985	\$94,780	\$374,492
2013	\$55,828	\$10,964	\$8,230	\$75,022	\$21,566	\$238	\$1,019	\$221	\$0	\$23,045	\$98,066	\$444,186
2014	\$51,846	\$22,876	\$12,056	\$86,580	\$21,566	\$244	\$1,919	\$231	\$0	\$23,061	\$109,641	\$518,395
2015	\$50,775	\$29,664	\$12,267	\$92,706	\$21,566	\$250	\$1,019	\$241	\$0	\$23,077	\$115,783	\$593,030
2016	\$52,580	\$31,982	\$12,593	\$97,155	\$21,566	\$257	\$1,019	\$252	\$0	\$23,094	\$120,250	\$666,852
2017	\$53,959	\$34,193	\$12,792	\$100,945	\$21,566	\$263	\$1,019	\$263	\$0	\$23,112	\$124,057	\$739,386
2018	\$75,087	\$4,117	\$12,641	\$91,845	\$33,609	\$270	\$1,019	\$275	\$0	\$35,174	\$127,019	\$810,115
2019	\$76,721	\$4,310	\$15,763	\$96,794	\$39,508	\$276	\$1,019	\$288	\$0	\$41,091	\$137,885	\$883,238
2020	\$80,959	\$4,452	\$15,979	\$101,390	\$39,508	\$283	\$1,019	\$301	\$0	\$41,111	\$142,501	\$955,211
2021	\$84,940	\$4,602	\$16,201	\$105,744	\$39,508	\$290	\$1,019	\$314	\$0	\$41,132	\$146,876	\$1,025,861
2022	\$88,651	\$4,758	\$16,428	\$109,837	\$39,508	\$298	\$1,019	\$328	\$0	\$41,153	\$150,990	\$1,095,031
2023	\$93,442	\$4,918	\$16,661	\$115,021	\$39,508	\$305	\$1,019	\$343	\$0	\$41,175	\$156,197	\$1,163,179
2024	\$99,751	\$5,083	\$16,899	\$121,734	\$39,508	\$313	\$1,019	\$359	\$0	\$41,198	\$162,932	\$1,230,881
2025	\$105,099	\$5,254	\$17,144	\$127,497	\$39,508	\$321	\$1,019	\$375	\$0	\$41,222	\$168,719	\$1,297,649
2026	\$109,537	\$5,385	\$17,395	\$132,317	\$39,508	\$329	\$1,019	\$392	\$0	\$41,247	\$173,564	\$1,363,064
2027	\$113,654	\$5,520	\$17,652	\$136,826	\$39,508	\$337	\$1,019	\$409	\$0	\$41,273	\$178,099	\$1,426,991
2028	\$118,847	\$5,658	\$17,915	\$142,420	\$39,508	\$345	\$1,019	\$428	\$0	\$41,300	\$183,720	\$1,489,796
2029	\$124,010	\$5,799	\$18,185	\$147,995	\$39,508	\$354	\$1,019	\$447	\$0	\$41,328	\$189,323	\$1,551,434
2030	\$129,398	\$5,945	\$18,462	\$153,804	\$39,508	\$363	\$1,019	\$467	\$0	\$41,357	\$195,161	\$1,611,947
2031	\$135,032	\$6,093	\$18,745	\$159,870	\$39,508	\$372	\$1,019	\$488	\$0	\$41,387	\$201,257	\$1,671,378
2032	\$140,931	\$6,245	\$19,036	\$166,213	\$39,508	\$381	\$1,019	\$510	\$0	\$41,418	\$207,631	\$1,729,772
2033	\$147,109	\$6,401	\$19,334	\$172,844	\$39,508	\$391	\$1,019	\$533	\$0	\$41,451	\$214,295	\$1,787,171
2034	\$153,578	\$6,561	\$19,639	\$179,779	\$39,508	\$400	\$1,019	\$557	\$0	\$41,484	\$221,263	\$1,843,614
2035	\$160,341	\$6,726	\$19,952	\$187,019	\$39,508	\$410	\$1,019	\$582	\$0	\$41,519	\$228,539	\$1,899,137

Table D.1-6 Expansion Plan Economic Summary - Without Taylor Energy Center - High Load and Energy Growth

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	High Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
GE LM6000 1X1 CC	82,096	18	05/01/12	97,737	7,736
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost				Capital Cost and Other Project Costs						Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		Total System Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$52,817	\$328	\$0	\$53,145	\$0	\$0	\$0	\$0	\$0	\$0	\$53,145	\$53,145
2007	\$49,757	\$272	\$0	\$50,030	\$0	\$0	\$0	\$0	\$0	\$0	\$50,030	\$100,792
2008	\$48,031	\$308	\$0	\$48,339	\$0	\$0	\$0	\$0	\$0	\$0	\$48,339	\$144,638
2009	\$49,395	\$359	\$0	\$49,754	\$0	\$0	\$0	\$0	\$0	\$0	\$49,754	\$187,617
2010	\$50,345	\$395	\$0	\$50,740	\$0	\$0	\$0	\$0	\$0	\$0	\$50,740	\$229,361
2011	\$44,210	\$34,453	\$11,231	\$89,894	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$94,960	\$303,765
2012	\$55,766	\$23,475	\$10,657	\$89,897	\$12,725	\$0	\$0	\$0	\$0	\$12,725	\$102,623	\$380,344
2013	\$62,617	\$18,698	\$12,221	\$93,535	\$15,283	\$0	\$0	\$0	\$0	\$15,283	\$108,818	\$457,678
2014	\$59,140	\$30,769	\$15,929	\$105,838	\$15,283	\$0	\$0	\$0	\$0	\$15,283	\$121,121	\$539,658
2015	\$58,016	\$37,595	\$16,135	\$111,746	\$15,283	\$0	\$0	\$0	\$0	\$15,283	\$127,029	\$621,542
2016	\$60,539	\$40,310	\$16,456	\$117,306	\$15,283	\$0	\$0	\$0	\$0	\$15,283	\$132,589	\$702,940
2017	\$63,318	\$42,928	\$16,646	\$122,892	\$15,283	\$0	\$0	\$0	\$0	\$15,283	\$138,175	\$783,728
2018	\$100,063	\$5,051	\$14,799	\$119,913	\$27,326	\$0	\$0	\$0	\$0	\$27,326	\$147,239	\$865,716
2019	\$100,259	\$5,315	\$17,915	\$123,489	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$156,714	\$948,825
2020	\$105,379	\$5,483	\$18,126	\$128,988	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$162,212	\$1,030,753
2021	\$111,082	\$5,659	\$18,341	\$135,083	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$168,308	\$1,111,712
2022	\$116,882	\$5,841	\$18,563	\$141,287	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$174,511	\$1,191,657
2023	\$123,197	\$6,029	\$18,790	\$148,015	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$181,240	\$1,270,731
2024	\$129,983	\$6,222	\$19,022	\$155,227	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$188,452	\$1,349,037
2025	\$136,840	\$6,421	\$19,260	\$162,521	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$195,746	\$1,426,500
2026	\$142,970	\$6,582	\$19,505	\$169,057	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$202,281	\$1,502,738
2027	\$149,542	\$6,746	\$19,755	\$176,044	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$209,268	\$1,577,853
2028	\$156,349	\$6,915	\$20,012	\$183,276	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$216,501	\$1,651,864
2029	\$163,406	\$7,088	\$20,275	\$190,769	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$223,993	\$1,724,790
2030	\$170,951	\$7,265	\$20,544	\$198,760	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$231,985	\$1,796,721
2031	\$178,841	\$7,447	\$20,821	\$207,108	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$240,333	\$1,867,692
2032	\$187,085	\$7,633	\$21,104	\$215,822	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$249,047	\$1,937,734
2033	\$195,724	\$7,824	\$21,394	\$224,942	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$258,167	\$2,006,883
2034	\$204,752	\$8,019	\$21,692	\$234,463	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$267,688	\$2,075,169
2035	\$214,198	\$8,220	\$21,997	\$244,415	\$33,224	\$0	\$0	\$0	\$0	\$33,224	\$277,639	\$2,142,620

Table D.1-7 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Load and Energy Growth

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Low Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
TEC	NA	NA	05/01/12	193,266	14,019
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/20	119,083	9,425

Year	Production Cost			Capital Cost and Other Project Costs							Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		Total System Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$50,823	\$288	\$0	\$51,111	\$0	\$0	\$0	\$0	\$0	\$0	\$51,111	\$51,111
2007	\$48,008	\$240	\$0	\$48,247	\$0	\$0	\$0	\$0	\$0	\$0	\$48,247	\$97,061
2008	\$46,323	\$267	\$0	\$46,590	\$0	\$0	\$0	\$0	\$0	\$0	\$46,590	\$139,319
2009	\$47,801	\$312	\$0	\$48,113	\$0	\$0	\$0	\$0	\$0	\$0	\$48,113	\$180,881
2010	\$46,828	\$342	\$0	\$48,170	\$0	\$0	\$0	\$0	\$0	\$0	\$48,170	\$221,334
2011	\$43,258	\$31,802	\$10,553	\$85,613	\$5,066	\$0	\$0	\$0	\$5,066	\$0	\$90,679	\$292,383
2012	\$48,101	\$15,331	\$6,589	\$70,021	\$16,932	\$233	\$679	\$142	\$0	\$17,985	\$88,006	\$358,054
2013	\$52,030	\$7,149	\$7,326	\$66,505	\$21,566	\$238	\$1,019	\$221	\$0	\$23,045	\$89,550	\$421,695
2014	\$48,215	\$18,469	\$11,039	\$77,723	\$21,566	\$244	\$1,019	\$231	\$0	\$23,061	\$100,783	\$489,909
2015	\$46,787	\$24,530	\$11,137	\$82,454	\$21,566	\$250	\$1,019	\$241	\$0	\$23,077	\$105,531	\$557,936
2016	\$48,352	\$26,062	\$11,350	\$85,764	\$21,566	\$257	\$1,019	\$262	\$0	\$23,094	\$108,858	\$624,765
2017	\$49,448	\$27,418	\$11,440	\$88,306	\$21,566	\$263	\$1,019	\$263	\$0	\$23,112	\$111,418	\$689,909
2018	\$69,394	\$3,805	\$9,669	\$82,868	\$27,588	\$270	\$1,019	\$275	\$0	\$29,152	\$112,020	\$752,286
2019	\$71,712	\$3,941	\$11,285	\$86,937	\$30,537	\$276	\$1,019	\$288	\$0	\$32,120	\$119,058	\$815,425
2020	\$74,153	\$4,072	\$14,490	\$92,715	\$36,847	\$283	\$1,019	\$301	\$0	\$38,450	\$131,164	\$881,672
2021	\$77,100	\$4,189	\$16,201	\$97,489	\$39,963	\$290	\$1,019	\$314	\$0	\$41,586	\$139,076	\$948,569
2022	\$79,908	\$4,306	\$16,428	\$100,642	\$39,963	\$298	\$1,019	\$328	\$0	\$41,608	\$142,250	\$1,013,736
2023	\$83,764	\$4,430	\$16,861	\$104,854	\$39,963	\$305	\$1,019	\$343	\$0	\$41,630	\$146,484	\$1,077,646
2024	\$88,958	\$4,553	\$16,899	\$110,411	\$39,963	\$313	\$1,019	\$359	\$0	\$41,653	\$152,064	\$1,140,832
2025	\$93,159	\$4,680	\$17,144	\$114,983	\$39,963	\$321	\$1,019	\$375	\$0	\$41,677	\$158,660	\$1,202,828
2026	\$97,062	\$4,797	\$17,395	\$119,254	\$39,963	\$329	\$1,019	\$392	\$0	\$41,702	\$166,956	\$1,263,490
2027	\$100,607	\$4,917	\$17,652	\$123,176	\$39,963	\$337	\$1,019	\$409	\$0	\$41,728	\$164,903	\$1,322,681
2028	\$105,206	\$5,040	\$17,915	\$128,161	\$39,963	\$345	\$1,019	\$428	\$0	\$41,755	\$169,915	\$1,380,767
2029	\$109,753	\$5,166	\$18,185	\$133,104	\$39,963	\$354	\$1,019	\$447	\$0	\$41,782	\$174,886	\$1,437,705
2030	\$114,484	\$5,295	\$18,462	\$138,240	\$39,963	\$363	\$1,019	\$467	\$0	\$41,811	\$180,052	\$1,493,533
2031	\$119,429	\$5,427	\$18,745	\$143,601	\$39,963	\$372	\$1,019	\$488	\$0	\$41,841	\$185,443	\$1,548,295
2032	\$124,610	\$5,563	\$19,036	\$149,209	\$39,963	\$381	\$1,019	\$510	\$0	\$41,873	\$191,081	\$1,602,035
2033	\$130,035	\$5,702	\$19,334	\$155,071	\$39,963	\$391	\$1,019	\$533	\$0	\$41,905	\$196,976	\$1,654,794
2034	\$135,717	\$5,845	\$19,639	\$161,201	\$39,963	\$400	\$1,019	\$557	\$0	\$41,939	\$203,140	\$1,706,614
2035	\$141,656	\$5,991	\$19,952	\$167,600	\$39,963	\$410	\$1,019	\$582	\$0	\$41,974	\$209,574	\$1,757,529

Table D.1-8 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Load and Energy Growth

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Low Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
GE LM6000 1X1 CC	82,096	18	05/01/14	102,680	8,127
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$50,823	\$288	\$0	\$51,111	\$0	\$0	\$0	\$0	\$0	\$0	\$51,111	\$51,111
2007	\$48,008	\$240	\$0	\$48,247	\$0	\$0	\$0	\$0	\$0	\$0	\$48,247	\$97,061
2008	\$46,323	\$267	\$0	\$46,590	\$0	\$0	\$0	\$0	\$0	\$0	\$46,590	\$139,319
2009	\$47,801	\$312	\$0	\$48,113	\$0	\$0	\$0	\$0	\$0	\$0	\$48,113	\$180,881
2010	\$48,828	\$342	\$0	\$49,170	\$0	\$0	\$0	\$0	\$0	\$0	\$49,170	\$221,334
2011	\$43,258	\$31,802	\$10,553	\$85,613	\$5,066	\$0	\$0	\$0	\$5,066	\$0	\$90,679	\$292,383
2012	\$44,612	\$32,910	\$12,057	\$89,579	\$7,547	\$0	\$0	\$0	\$7,547	\$0	\$97,126	\$364,860
2013	\$46,015	\$34,654	\$12,101	\$92,771	\$7,547	\$0	\$0	\$0	\$7,547	\$0	\$100,317	\$436,153
2014	\$51,982	\$33,641	\$13,519	\$99,143	\$13,002	\$0	\$0	\$0	\$13,002	\$0	\$112,145	\$512,057
2015	\$56,023	\$32,678	\$15,005	\$103,705	\$15,674	\$0	\$0	\$0	\$15,674	\$0	\$119,379	\$589,010
2016	\$58,543	\$34,613	\$15,213	\$108,369	\$15,674	\$0	\$0	\$0	\$15,674	\$0	\$124,043	\$665,162
2017	\$61,072	\$36,329	\$15,293	\$112,694	\$15,674	\$0	\$0	\$0	\$15,674	\$0	\$128,368	\$740,216
2018	\$92,208	\$4,774	\$14,798	\$111,780	\$27,717	\$0	\$0	\$0	\$27,717	\$0	\$139,497	\$817,893
2019	\$93,672	\$4,968	\$17,915	\$116,555	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$150,171	\$897,532
2020	\$97,991	\$5,104	\$18,126	\$121,221	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$154,837	\$975,735
2021	\$102,771	\$5,244	\$18,341	\$126,356	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$159,972	\$1,052,685
2022	\$107,574	\$5,387	\$18,563	\$131,524	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$165,140	\$1,128,337
2023	\$112,909	\$5,538	\$18,790	\$137,237	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$170,852	\$1,202,890
2024	\$118,507	\$5,689	\$19,022	\$143,219	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$176,835	\$1,276,358
2025	\$124,166	\$5,845	\$19,260	\$149,271	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$182,897	\$1,348,732
2026	\$129,729	\$5,991	\$19,505	\$155,224	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$188,840	\$1,419,904
2027	\$135,689	\$6,141	\$19,755	\$161,585	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$195,201	\$1,489,970
2028	\$141,865	\$6,294	\$20,012	\$168,171	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$201,787	\$1,558,951
2029	\$148,270	\$6,452	\$20,275	\$174,995	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$208,612	\$1,626,869
2030	\$155,116	\$6,613	\$20,544	\$182,273	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$215,889	\$1,693,809
2031	\$162,273	\$6,778	\$20,821	\$189,872	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$223,488	\$1,759,806
2032	\$169,754	\$6,948	\$21,104	\$197,806	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$231,422	\$1,824,891
2033	\$177,591	\$7,121	\$21,394	\$206,107	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$239,722	\$1,889,100
2034	\$185,784	\$7,299	\$21,692	\$214,775	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$248,391	\$1,952,463
2035	\$194,353	\$7,482	\$21,997	\$223,832	\$33,616	\$0	\$0	\$0	\$33,616	\$0	\$257,448	\$2,015,009

Table D.1-9 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Capital Costs

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2008	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	98,515	18	05/01/11	114,419	9,056
TEC	NA	NA	05/01/12	231,193	16,771
GE LM6000 1X1 CC	98,515	18	05/01/18	136,008	10,765
GE LM6000 1X1 CC	98,515	18	05/01/18	136,008	10,765

Year	Production Cost			Total Production Cost (\$1,000)	Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M			Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)			
		Variable (\$1,000)	Fixed (\$1,000)										
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$42,749	\$33,016	\$10,892	\$86,656	\$6,079	\$0	\$0	\$0	\$0	\$6,079	\$92,735	\$296,540	
2012	\$47,793	\$16,656	\$6,928	\$71,377	\$20,283	\$233	\$679	\$142	\$0	\$21,336	\$92,713	\$365,724	
2013	\$51,643	\$8,865	\$7,778	\$68,286	\$25,827	\$238	\$1,019	\$221	\$0	\$27,305	\$95,592	\$433,659	
2014	\$47,877	\$20,443	\$11,491	\$79,811	\$25,827	\$244	\$1,019	\$231	\$0	\$27,321	\$107,132	\$506,170	
2015	\$46,502	\$26,945	\$11,702	\$85,149	\$25,827	\$250	\$1,019	\$241	\$0	\$27,338	\$112,487	\$578,681	
2016	\$48,103	\$28,775	\$11,915	\$88,793	\$25,827	\$257	\$1,019	\$252	\$0	\$27,355	\$116,148	\$649,985	
2017	\$49,153	\$30,647	\$12,116	\$91,916	\$25,827	\$263	\$1,019	\$263	\$0	\$27,373	\$119,289	\$719,731	
2018	\$71,165	\$3,941	\$12,641	\$87,747	\$40,279	\$270	\$1,019	\$275	\$0	\$41,843	\$129,590	\$791,892	
2019	\$73,029	\$4,106	\$15,763	\$92,898	\$47,357	\$276	\$1,019	\$288	\$0	\$48,940	\$141,838	\$867,112	
2020	\$76,924	\$4,234	\$15,979	\$97,138	\$47,357	\$283	\$1,019	\$301	\$0	\$48,950	\$145,098	\$940,901	
2021	\$80,453	\$4,367	\$16,201	\$101,020	\$47,357	\$290	\$1,019	\$314	\$0	\$48,981	\$150,001	\$1,013,054	
2022	\$83,711	\$4,503	\$16,428	\$104,642	\$47,357	\$298	\$1,019	\$328	\$0	\$49,002	\$153,644	\$1,083,440	
2023	\$87,983	\$4,644	\$16,661	\$109,288	\$47,357	\$305	\$1,019	\$343	\$0	\$49,024	\$158,312	\$1,152,511	
2024	\$93,679	\$4,789	\$16,899	\$115,367	\$47,357	\$313	\$1,019	\$359	\$0	\$49,047	\$164,414	\$1,220,829	
2025	\$98,417	\$4,938	\$17,144	\$120,499	\$47,357	\$321	\$1,019	\$375	\$0	\$49,071	\$169,570	\$1,287,934	
2026	\$102,555	\$5,061	\$17,395	\$125,011	\$47,357	\$329	\$1,019	\$392	\$0	\$49,096	\$174,107	\$1,353,553	
2027	\$106,352	\$5,188	\$17,652	\$129,192	\$47,357	\$337	\$1,019	\$409	\$0	\$49,122	\$178,314	\$1,417,557	
2028	\$111,213	\$5,318	\$17,915	\$134,445	\$47,357	\$345	\$1,019	\$428	\$0	\$49,149	\$183,594	\$1,480,319	
2029	\$116,031	\$5,451	\$18,185	\$139,666	\$47,357	\$354	\$1,019	\$447	\$0	\$49,177	\$188,843	\$1,541,801	
2030	\$121,050	\$5,587	\$18,462	\$145,099	\$47,357	\$363	\$1,019	\$467	\$0	\$49,206	\$194,304	\$1,602,048	
2031	\$126,298	\$5,726	\$18,745	\$150,770	\$47,357	\$372	\$1,019	\$488	\$0	\$49,236	\$200,006	\$1,661,111	
2032	\$131,796	\$5,870	\$19,036	\$156,701	\$47,357	\$381	\$1,019	\$510	\$0	\$49,267	\$205,968	\$1,719,037	
2033	\$137,552	\$6,016	\$19,334	\$162,902	\$47,357	\$391	\$1,019	\$533	\$0	\$49,300	\$212,202	\$1,775,875	
2034	\$143,580	\$6,167	\$19,639	\$169,386	\$47,357	\$400	\$1,019	\$557	\$0	\$49,333	\$218,719	\$1,831,669	
2035	\$149,882	\$6,321	\$19,952	\$176,155	\$47,357	\$410	\$1,019	\$582	\$0	\$49,368	\$225,524	\$1,886,459	

Table D.1-10 Expansion Plan Economic Summary - Without Taylor Energy Center - High Capital Costs

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
GE LM6000 1X1 CC	98,515	18	05/01/11	114,419	9,056	
GE LM6000 1X1 CC	98,515	18	05/01/14	123,217	9,753	
GE LM6000 1X1 CC	98,515	18	05/01/18	136,008	10,765	
GE LM6000 1X1 CC	98,515	18	05/01/18	136,008	10,765	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$42,749	\$33,016	\$10,892	\$86,656	\$6,079	\$0	\$0	\$0	\$0	\$6,079	\$92,735	\$296,540
2012	\$45,382	\$34,305	\$12,396	\$92,083	\$9,056	\$0	\$0	\$0	\$0	\$9,056	\$101,139	\$372,012
2013	\$47,412	\$36,436	\$12,554	\$96,402	\$9,056	\$0	\$0	\$0	\$0	\$9,056	\$105,458	\$446,959
2014	\$53,222	\$35,596	\$13,972	\$102,789	\$15,603	\$0	\$0	\$0	\$0	\$15,603	\$118,392	\$527,091
2015	\$57,502	\$35,000	\$15,570	\$108,072	\$18,809	\$0	\$0	\$0	\$0	\$18,809	\$126,881	\$608,880
2016	\$60,030	\$37,221	\$15,778	\$113,029	\$18,809	\$0	\$0	\$0	\$0	\$18,809	\$131,838	\$689,817
2017	\$62,774	\$39,492	\$15,969	\$118,236	\$18,809	\$0	\$0	\$0	\$0	\$18,809	\$137,045	\$769,944
2018	\$95,457	\$4,884	\$14,798	\$115,140	\$33,261	\$0	\$0	\$0	\$0	\$33,261	\$148,400	\$852,578
2019	\$96,302	\$5,110	\$17,915	\$119,327	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$159,666	\$937,253
2020	\$101,075	\$5,264	\$18,126	\$124,465	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$164,804	\$1,020,490
2021	\$106,288	\$5,423	\$18,341	\$130,052	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$170,391	\$1,102,451
2022	\$111,660	\$5,584	\$18,563	\$135,806	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$176,145	\$1,183,145
2023	\$117,349	\$5,754	\$18,790	\$141,892	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$182,231	\$1,262,652
2024	\$123,513	\$5,926	\$19,022	\$148,461	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$188,800	\$1,341,102
2025	\$129,751	\$6,104	\$19,260	\$155,115	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$195,454	\$1,418,450
2026	\$135,564	\$6,256	\$19,505	\$161,325	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$201,664	\$1,494,455
2027	\$141,794	\$6,413	\$19,755	\$167,962	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$208,301	\$1,569,223
2028	\$148,249	\$6,573	\$20,012	\$174,834	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$215,173	\$1,642,780
2029	\$154,941	\$6,737	\$20,275	\$181,953	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$222,291	\$1,715,151
2030	\$162,095	\$6,906	\$20,544	\$189,545	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$229,884	\$1,786,431
2031	\$169,575	\$7,079	\$20,821	\$197,474	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$237,813	\$1,856,658
2032	\$177,396	\$7,255	\$21,104	\$205,755	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$246,095	\$1,925,870
2033	\$185,586	\$7,437	\$21,394	\$214,417	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$254,756	\$1,994,106
2034	\$194,152	\$7,623	\$21,692	\$223,466	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$263,805	\$2,061,401
2035	\$203,107	\$7,813	\$21,997	\$232,918	\$40,339	\$0	\$0	\$0	\$0	\$40,339	\$273,257	\$2,127,787

Table D.1-12 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Capital Costs

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	65,677	18	05/01/11	76,279	6,037
GE LM6000 1X1 CC	65,677	18	05/01/14	82,144	6,502
GE LM6000 1X1 CC	65,677	18	05/01/18	90,672	7,177
GE LM6000 1X1 CC	65,677	18	05/01/18	90,672	7,177

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,293
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$193,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$42,749	\$33,016	\$10,892	\$86,656	\$4,053	\$0	\$0	\$0	\$4,053	\$0	\$90,709	\$294,953
2012	\$45,382	\$34,305	\$12,396	\$92,083	\$6,037	\$0	\$0	\$0	\$6,037	\$0	\$98,120	\$368,171
2013	\$47,412	\$36,436	\$12,554	\$96,402	\$6,037	\$0	\$0	\$0	\$6,037	\$0	\$102,439	\$440,973
2014	\$53,222	\$35,596	\$13,972	\$102,789	\$10,402	\$0	\$0	\$0	\$10,402	\$0	\$113,191	\$517,585
2015	\$57,502	\$35,000	\$15,570	\$108,072	\$12,539	\$0	\$0	\$0	\$12,539	\$0	\$120,611	\$595,332
2016	\$60,030	\$37,221	\$15,778	\$113,029	\$12,539	\$0	\$0	\$0	\$12,539	\$0	\$125,568	\$672,420
2017	\$62,774	\$39,492	\$15,969	\$118,236	\$12,539	\$0	\$0	\$0	\$12,539	\$0	\$130,775	\$748,882
2018	\$95,457	\$4,884	\$14,798	\$115,140	\$22,174	\$0	\$0	\$0	\$0	\$22,174	\$137,313	\$825,343
2019	\$96,302	\$5,110	\$17,915	\$119,327	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$146,220	\$902,886
2020	\$101,075	\$5,264	\$18,126	\$124,465	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$151,358	\$979,332
2021	\$106,288	\$5,423	\$18,341	\$130,052	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$156,944	\$1,054,825
2022	\$111,660	\$5,584	\$18,563	\$135,806	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$162,699	\$1,129,359
2023	\$117,349	\$5,754	\$18,790	\$141,892	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$168,785	\$1,203,000
2024	\$123,513	\$5,926	\$19,022	\$148,461	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$175,353	\$1,275,863
2025	\$129,751	\$6,104	\$19,260	\$155,115	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$182,008	\$1,347,899
2026	\$135,564	\$6,256	\$19,505	\$161,325	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$188,218	\$1,418,827
2027	\$141,794	\$6,413	\$19,755	\$167,962	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$194,854	\$1,488,766
2028	\$148,249	\$6,573	\$20,012	\$174,834	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$201,726	\$1,557,728
2029	\$154,941	\$6,737	\$20,275	\$181,953	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$208,845	\$1,625,722
2030	\$162,095	\$6,906	\$20,544	\$189,545	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$216,437	\$1,692,833
2031	\$169,575	\$7,079	\$20,821	\$197,474	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$224,366	\$1,759,089
2032	\$177,396	\$7,255	\$21,104	\$205,756	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$232,648	\$1,824,519
2033	\$185,586	\$7,437	\$21,394	\$214,417	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$241,310	\$1,889,153
2034	\$194,152	\$7,623	\$21,692	\$223,466	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$250,359	\$1,953,018
2035	\$203,107	\$7,813	\$21,997	\$232,918	\$26,893	\$0	\$0	\$0	\$0	\$26,893	\$259,810	\$2,016,138

Table D.1-13 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Allowance Prices

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coat: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
TEC	NA	NA	05/01/12	182,096	13,209
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost		Capital Cost and Other Project Costs								Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,191	\$323	\$0	\$48,514	\$0	\$0	\$0	\$0	\$0	\$0	\$48,514	\$183,161
2010	\$49,146	\$353	\$0	\$49,499	\$0	\$0	\$0	\$0	\$0	\$0	\$49,499	\$223,884
2011	\$42,761	\$33,016	\$10,892	\$86,669	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$91,734	\$295,760
2012	\$47,954	\$16,656	\$6,928	\$71,538	\$16,389	\$233	\$679	\$142	\$0	\$17,443	\$88,980	\$362,159
2013	\$51,876	\$8,866	\$7,778	\$68,520	\$20,756	\$238	\$1,019	\$221	\$0	\$22,234	\$90,754	\$426,656
2014	\$48,115	\$20,443	\$11,491	\$80,049	\$20,756	\$244	\$1,019	\$231	\$0	\$22,250	\$102,299	\$495,696
2015	\$46,882	\$26,947	\$11,702	\$85,530	\$20,756	\$250	\$1,019	\$241	\$0	\$22,267	\$101,797	\$565,383
2016	\$48,500	\$28,776	\$11,915	\$89,191	\$20,756	\$257	\$1,019	\$252	\$0	\$22,284	\$111,475	\$633,819
2017	\$49,508	\$30,649	\$12,116	\$92,273	\$20,756	\$263	\$1,019	\$263	\$0	\$22,302	\$114,574	\$700,808
2018	\$71,594	\$3,941	\$12,641	\$88,177	\$32,799	\$270	\$1,019	\$275	\$0	\$34,363	\$122,540	\$769,043
2019	\$73,544	\$4,106	\$15,763	\$93,413	\$38,698	\$276	\$1,019	\$288	\$0	\$40,281	\$133,694	\$839,944
2020	\$77,534	\$4,234	\$15,979	\$97,747	\$38,698	\$283	\$1,019	\$301	\$0	\$40,301	\$138,048	\$909,668
2021	\$81,054	\$4,367	\$16,201	\$101,622	\$38,698	\$290	\$1,019	\$314	\$0	\$40,322	\$141,943	\$977,945
2022	\$84,296	\$4,503	\$16,428	\$105,227	\$38,698	\$298	\$1,019	\$328	\$0	\$40,343	\$145,570	\$1,044,632
2023	\$88,750	\$4,644	\$16,661	\$110,054	\$38,698	\$305	\$1,019	\$343	\$0	\$40,365	\$150,419	\$1,110,259
2024	\$94,750	\$4,789	\$16,899	\$116,438	\$38,698	\$313	\$1,019	\$359	\$0	\$40,388	\$156,826	\$1,175,424
2025	\$99,622	\$4,938	\$17,144	\$121,704	\$38,698	\$321	\$1,019	\$375	\$0	\$40,412	\$162,116	\$1,239,579
2026	\$103,855	\$5,061	\$17,395	\$126,311	\$38,698	\$329	\$1,019	\$392	\$0	\$40,437	\$166,748	\$1,302,424
2027	\$107,753	\$5,188	\$17,652	\$130,592	\$38,698	\$337	\$1,019	\$409	\$0	\$40,463	\$171,055	\$1,363,823
2028	\$112,730	\$5,318	\$17,915	\$135,963	\$38,698	\$345	\$1,019	\$428	\$0	\$40,490	\$176,452	\$1,424,143
2029	\$117,653	\$5,451	\$18,185	\$141,288	\$38,698	\$354	\$1,019	\$447	\$0	\$40,518	\$181,806	\$1,483,334
2030	\$122,784	\$5,587	\$18,462	\$146,832	\$38,698	\$363	\$1,019	\$467	\$0	\$40,547	\$187,379	\$1,541,434
2031	\$128,148	\$5,726	\$18,745	\$152,620	\$38,698	\$372	\$1,019	\$488	\$0	\$40,577	\$193,196	\$1,598,486
2032	\$133,774	\$5,870	\$19,036	\$158,680	\$38,698	\$381	\$1,019	\$510	\$0	\$40,608	\$199,288	\$1,654,534
2033	\$139,661	\$6,016	\$19,334	\$165,012	\$38,698	\$391	\$1,019	\$533	\$0	\$40,640	\$205,652	\$1,709,617
2034	\$145,835	\$6,167	\$19,639	\$171,641	\$38,698	\$400	\$1,019	\$557	\$0	\$40,674	\$212,315	\$1,763,777
2035	\$152,306	\$6,321	\$19,952	\$178,579	\$38,698	\$410	\$1,019	\$582	\$0	\$40,709	\$219,289	\$1,817,053

Year	Fuel and Energy			O&M		Production Cost		Capital Cost and Other Project Costs							Cumulative Present Worth (\$1,000)
	(\$1,000)	(\$1,000)	(\$1,000)	Variable (\$1,000)	Fixed (\$1,000)	Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)	Total System Cost (\$1,000)		
2008	\$1,566	\$302	\$0	\$251	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868		
2009	\$48,623	\$251	\$0	\$48,874	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415		
2010	\$46,946	\$283	\$0	\$47,229	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253		
2011	\$48,191	\$323	\$0	\$48,514	\$0	\$48,514	\$0	\$0	\$0	\$0	\$0	\$48,514	\$183,161		
2012	\$49,146	\$353	\$0	\$49,499	\$0	\$49,499	\$0	\$0	\$0	\$0	\$0	\$49,499	\$223,884		
2013	\$42,761	\$33,016	\$10,892	\$86,669	\$0	\$86,669	\$5,066	\$0	\$0	\$0	\$0	\$91,734	\$295,760		
2014	\$34,005	\$34,305	\$12,996	\$92,102	\$0	\$92,102	\$7,547	\$0	\$0	\$0	\$0	\$99,648	\$370,120		
2015	\$47,426	\$36,437	\$12,554	\$96,416	\$0	\$96,416	\$7,547	\$0	\$0	\$0	\$0	\$103,963	\$444,004		
2016	\$53,242	\$35,597	\$13,972	\$102,810	\$0	\$102,810	\$13,002	\$0	\$0	\$0	\$0	\$115,813	\$522,391		
2017	\$57,546	\$35,001	\$15,570	\$108,117	\$0	\$108,117	\$15,674	\$0	\$0	\$0	\$0	\$123,791	\$602,187		
2018	\$62,812	\$39,493	\$15,959	\$116,274	\$0	\$116,274	\$15,674	\$0	\$0	\$0	\$0	\$128,748	\$681,227		
2019	\$69,074	\$37,221	\$15,778	\$119,004	\$0	\$119,004	\$15,674	\$0	\$0	\$0	\$0	\$133,948	\$759,544		
2020	\$74,754	\$39,423	\$18,341	\$130,140	\$0	\$130,140	\$13,853	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2021	\$81,174	\$38,264	\$18,126	\$124,564	\$0	\$124,564	\$12,717	\$0	\$0	\$0	\$0	\$142,921	\$839,128		
2022	\$88,484	\$37,915	\$17,915	\$119,204	\$0	\$119,204	\$11,204	\$0	\$0	\$0	\$0	\$133,948	\$839,128		
2023	\$96,379	\$35,110	\$17,915	\$119,204	\$0	\$119,204	\$11,204	\$0	\$0	\$0	\$0	\$133,948	\$839,128		
2024	\$104,174	\$32,564	\$18,126	\$124,564	\$0	\$124,564	\$12,717	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2025	\$112,961	\$30,016	\$18,341	\$130,140	\$0	\$130,140	\$13,853	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2026	\$122,202	\$27,569	\$18,554	\$136,325	\$0	\$136,325	\$15,066	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2027	\$131,915	\$25,119	\$18,769	\$142,603	\$0	\$142,603	\$16,279	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2028	\$142,009	\$22,672	\$18,984	\$149,065	\$0	\$149,065	\$17,492	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2029	\$152,500	\$20,225	\$19,199	\$155,724	\$0	\$155,724	\$18,706	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2030	\$163,491	\$17,778	\$19,414	\$162,683	\$0	\$162,683	\$19,919	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2031	\$174,982	\$15,331	\$19,629	\$170,042	\$0	\$170,042	\$21,133	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2032	\$187,073	\$12,884	\$19,844	\$177,401	\$0	\$177,401	\$22,346	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2033	\$199,764	\$10,437	\$20,059	\$184,860	\$0	\$184,860	\$23,559	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2034	\$213,055	\$7,990	\$20,274	\$192,419	\$0	\$192,419	\$24,772	\$0	\$0	\$0	\$0	\$158,779	\$839,128		
2035	\$226,946	\$5,543	\$20,489	\$200,098	\$0	\$200,098	\$25,985	\$0	\$0	\$0	\$0	\$158,779	\$839,128		

Case Description	Base Case	Base Case	Base Case	Base Case	Base Case	Base Case
Load Forecast	82.096	82.096	82.096	82.096	82.096	82.096
Capital Cost (\$1,000)	82.096	82.096	82.096	82.096	82.096	82.096
Development and Construction Period (months)	18	18	18	18	18	18
Installed Cost (\$1,000)	95.349	102.880	113.340	113.340	113.340	113.340
Levelized Cost	7.547	8.127	8.971	8.971	8.971	8.971

Financial Parameters: Interest During Construction: 8.97%
Fixed Charge Rate CT (20 Year): 7.92%
Fixed Charge Rate Coal (30 Year): 7.25%

Economic Parameters: CPW Discount Rate: 5.00%
Final Capital Escalation Rate: 2.50%
Base Year for CPW \$: 2006

Table D.1-14 Expansion Plan Economic Summary - Without Taylor Energy Center - High Allowance Prices

Table D.1-15 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Allowance Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547	
TEC	NA	NA	05/01/12	193,266	14,019	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	

Year	Production Cost				Capital Cost and Other Project Costs						Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		Total System Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$263	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$46,187	\$323	\$0	\$46,510	\$0	\$0	\$0	\$0	\$0	\$0	\$46,510	\$183,158
2010	\$49,140	\$353	\$0	\$49,493	\$0	\$0	\$0	\$0	\$0	\$0	\$49,493	\$223,876
2011	\$42,733	\$33,015	\$10,892	\$86,640	\$5,066	\$0	\$0	\$0	\$5,066	\$5,066	\$91,705	\$295,730
2012	\$47,637	\$16,656	\$6,926	\$71,221	\$16,932	\$233	\$679	\$142	\$0	\$17,985	\$89,206	\$362,296
2013	\$51,408	\$8,865	\$7,778	\$68,051	\$21,566	\$238	\$1,019	\$221	\$0	\$23,045	\$91,095	\$427,036
2014	\$47,636	\$20,442	\$11,491	\$79,568	\$21,566	\$244	\$1,019	\$231	\$0	\$23,061	\$102,629	\$496,499
2015	\$46,127	\$26,944	\$11,702	\$84,773	\$21,566	\$250	\$1,019	\$241	\$0	\$23,077	\$107,850	\$566,020
2016	\$47,712	\$28,773	\$11,915	\$88,400	\$21,566	\$257	\$1,019	\$252	\$0	\$23,094	\$111,495	\$634,468
2017	\$48,789	\$30,646	\$12,116	\$91,551	\$21,566	\$263	\$1,019	\$263	\$0	\$23,112	\$114,663	\$701,510
2018	\$70,746	\$3,941	\$12,641	\$87,329	\$33,609	\$270	\$1,019	\$275	\$0	\$35,174	\$122,502	\$769,724
2019	\$72,508	\$4,106	\$15,763	\$92,377	\$39,508	\$276	\$1,019	\$288	\$0	\$41,091	\$133,469	\$840,505
2020	\$76,318	\$4,234	\$15,979	\$96,531	\$39,508	\$283	\$1,019	\$301	\$0	\$41,111	\$137,642	\$910,024
2021	\$79,859	\$4,367	\$16,201	\$100,427	\$39,508	\$290	\$1,019	\$314	\$0	\$41,132	\$141,559	\$978,116
2022	\$83,125	\$4,503	\$16,428	\$104,057	\$39,508	\$298	\$1,019	\$328	\$0	\$41,153	\$145,210	\$1,044,638
2023	\$87,217	\$4,644	\$16,661	\$108,521	\$39,508	\$305	\$1,019	\$343	\$0	\$41,175	\$149,697	\$1,109,951
2024	\$92,614	\$4,789	\$16,899	\$114,302	\$39,508	\$313	\$1,019	\$359	\$0	\$41,198	\$155,500	\$1,174,564
2025	\$97,205	\$4,938	\$17,144	\$119,287	\$39,508	\$321	\$1,019	\$375	\$0	\$41,222	\$160,509	\$1,238,083
2026	\$101,258	\$5,061	\$17,395	\$123,715	\$39,508	\$329	\$1,019	\$392	\$0	\$41,247	\$164,962	\$1,300,255
2027	\$104,950	\$5,188	\$17,652	\$127,790	\$39,508	\$337	\$1,019	\$409	\$0	\$41,273	\$169,063	\$1,360,939
2028	\$109,705	\$5,318	\$17,915	\$132,937	\$39,508	\$345	\$1,019	\$428	\$0	\$41,300	\$174,237	\$1,420,502
2029	\$114,416	\$5,451	\$18,185	\$138,051	\$39,508	\$354	\$1,019	\$447	\$0	\$41,328	\$179,379	\$1,478,903
2030	\$119,312	\$5,587	\$18,462	\$143,361	\$39,508	\$363	\$1,019	\$467	\$0	\$41,357	\$184,717	\$1,536,178
2031	\$124,439	\$5,726	\$18,745	\$148,911	\$39,508	\$372	\$1,019	\$488	\$0	\$41,387	\$190,297	\$1,592,373
2032	\$129,891	\$5,870	\$19,036	\$154,706	\$39,508	\$381	\$1,019	\$510	\$0	\$41,418	\$196,124	\$1,647,531
2033	\$135,413	\$6,016	\$19,334	\$160,763	\$39,508	\$391	\$1,019	\$533	\$0	\$41,451	\$202,214	\$1,701,694
2034	\$141,283	\$6,167	\$19,639	\$167,089	\$39,508	\$400	\$1,019	\$557	\$0	\$41,484	\$208,573	\$1,754,900
2035	\$147,436	\$6,321	\$19,952	\$173,710	\$39,508	\$410	\$1,019	\$582	\$0	\$41,519	\$215,229	\$1,807,189

Table D.1-16 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Allowance Prices

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547	
GE LM6000 1X1 CC	82,096	18	05/01/14	102,680	8,127	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,187	\$323	\$0	\$48,510	\$0	\$0	\$0	\$0	\$0	\$0	\$48,510	\$183,158
2010	\$49,140	\$353	\$0	\$49,493	\$0	\$0	\$0	\$0	\$0	\$0	\$49,493	\$223,876
2011	\$42,733	\$33,015	\$10,892	\$86,640	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$91,705	\$295,730
2012	\$45,368	\$34,305	\$12,396	\$92,069	\$7,547	\$0	\$0	\$0	\$0	\$7,547	\$99,616	\$370,064
2013	\$47,392	\$36,436	\$12,554	\$96,382	\$7,547	\$0	\$0	\$0	\$0	\$7,547	\$103,928	\$443,925
2014	\$53,195	\$35,594	\$13,972	\$102,761	\$13,002	\$0	\$0	\$0	\$0	\$13,002	\$115,763	\$522,278
2015	\$57,458	\$35,000	\$15,570	\$108,028	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$123,702	\$602,017
2016	\$59,987	\$37,220	\$15,778	\$112,985	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$128,659	\$681,003
2017	\$62,730	\$39,492	\$15,969	\$118,191	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$133,865	\$759,271
2018	\$95,403	\$4,884	\$14,798	\$115,086	\$27,717	\$0	\$0	\$0	\$0	\$27,717	\$142,803	\$838,789
2019	\$96,226	\$5,110	\$17,915	\$119,251	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$152,867	\$919,857
2020	\$100,987	\$5,264	\$18,126	\$124,377	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$157,993	\$999,654
2021	\$106,199	\$5,423	\$18,341	\$129,963	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$163,579	\$1,078,338
2022	\$111,571	\$5,584	\$18,563	\$135,717	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$169,333	\$1,155,912
2023	\$117,238	\$5,754	\$18,790	\$141,781	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$175,397	\$1,232,437
2024	\$123,344	\$5,926	\$19,022	\$148,292	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$181,908	\$1,308,024
2025	\$129,560	\$6,104	\$19,260	\$154,925	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$188,540	\$1,382,635
2026	\$135,373	\$6,256	\$19,505	\$161,134	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$194,750	\$1,456,035
2027	\$141,580	\$6,413	\$19,755	\$167,748	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$201,364	\$1,528,313
2028	\$148,024	\$6,573	\$20,012	\$174,609	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$208,224	\$1,599,494
2029	\$154,705	\$6,737	\$20,275	\$181,717	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$215,333	\$1,669,600
2030	\$161,824	\$6,906	\$20,544	\$189,274	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$222,890	\$1,738,711
2031	\$169,293	\$7,079	\$20,821	\$197,192	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$230,808	\$1,806,859
2032	\$177,087	\$7,255	\$21,104	\$205,446	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$239,052	\$1,874,103
2033	\$185,261	\$7,437	\$21,394	\$214,092	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$247,706	\$1,940,452
2034	\$193,801	\$7,623	\$21,692	\$223,116	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$256,732	\$2,005,942
2035	\$202,747	\$7,813	\$21,997	\$232,557	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$266,173	\$2,070,608

Table D.1-17 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Regulated - CQ

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
TEC	NA	NA	05/01/12	193,118	14,009
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,202	\$307	\$0	\$51,509	\$0	\$0	\$0	\$0	\$0	\$0	\$51,509	\$51,509
2007	\$47,706	\$268	\$0	\$47,975	\$0	\$0	\$0	\$0	\$0	\$0	\$47,975	\$97,199
2008	\$46,675	\$288	\$0	\$46,962	\$0	\$0	\$0	\$0	\$0	\$0	\$46,962	\$139,795
2009	\$47,925	\$329	\$0	\$48,254	\$0	\$0	\$0	\$0	\$0	\$0	\$48,254	\$181,479
2010	\$48,880	\$359	\$0	\$49,239	\$0	\$0	\$0	\$0	\$0	\$0	\$49,239	\$221,988
2011	\$41,736	\$32,970	\$10,892	\$85,597	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$90,663	\$293,025
2012	\$49,229	\$16,658	\$6,928	\$72,815	\$16,924	\$233	\$679	\$142	\$0	\$17,978	\$90,793	\$360,776
2013	\$57,379	\$8,861	\$7,778	\$74,017	\$21,556	\$238	\$1,019	\$221	\$0	\$23,034	\$97,051	\$429,748
2014	\$56,182	\$20,519	\$11,491	\$88,192	\$21,556	\$244	\$1,019	\$231	\$0	\$23,050	\$111,242	\$505,041
2015	\$53,743	\$27,052	\$11,702	\$92,497	\$21,556	\$250	\$1,019	\$241	\$0	\$23,066	\$115,563	\$579,534
2016	\$55,558	\$28,886	\$11,915	\$96,359	\$21,556	\$257	\$1,019	\$252	\$0	\$23,084	\$119,443	\$652,862
2017	\$55,769	\$30,721	\$12,116	\$98,606	\$21,556	\$263	\$1,019	\$263	\$0	\$23,101	\$121,707	\$724,022
2018	\$70,895	\$3,941	\$12,641	\$87,477	\$33,599	\$270	\$1,019	\$275	\$0	\$35,163	\$122,640	\$792,312
2019	\$73,706	\$4,106	\$15,763	\$93,575	\$39,497	\$276	\$1,019	\$288	\$0	\$41,081	\$134,655	\$863,723
2020	\$76,022	\$4,234	\$15,979	\$96,236	\$39,497	\$283	\$1,019	\$301	\$0	\$41,109	\$137,337	\$933,087
2021	\$80,163	\$4,367	\$16,201	\$100,731	\$39,497	\$290	\$1,019	\$314	\$0	\$41,121	\$141,852	\$1,001,320
2022	\$88,173	\$4,503	\$16,428	\$109,104	\$39,497	\$298	\$1,019	\$328	\$0	\$41,142	\$150,247	\$1,070,150
2023	\$94,319	\$4,644	\$16,661	\$115,624	\$39,497	\$305	\$1,019	\$343	\$0	\$41,165	\$156,789	\$1,138,557
2024	\$97,075	\$4,789	\$16,889	\$118,763	\$39,497	\$313	\$1,019	\$359	\$0	\$41,188	\$159,951	\$1,205,020
2025	\$102,402	\$4,938	\$17,144	\$124,484	\$39,497	\$321	\$1,019	\$375	\$0	\$41,212	\$165,696	\$1,270,591
2026	\$106,432	\$5,061	\$17,395	\$128,888	\$39,497	\$329	\$1,019	\$392	\$0	\$41,237	\$170,125	\$1,334,709
2027	\$111,160	\$5,188	\$17,652	\$134,000	\$39,497	\$337	\$1,019	\$409	\$0	\$41,262	\$175,262	\$1,397,618
2028	\$116,977	\$5,318	\$17,915	\$140,210	\$39,497	\$345	\$1,019	\$428	\$0	\$41,289	\$181,499	\$1,459,664
2029	\$122,786	\$5,451	\$18,185	\$146,421	\$39,497	\$354	\$1,019	\$447	\$0	\$41,317	\$187,739	\$1,520,786
2030	\$128,849	\$5,587	\$18,462	\$152,897	\$39,497	\$363	\$1,019	\$467	\$0	\$41,346	\$194,243	\$1,581,015
2031	\$135,247	\$5,726	\$18,745	\$159,718	\$39,497	\$372	\$1,019	\$488	\$0	\$41,376	\$201,094	\$1,640,398
2032	\$142,004	\$5,870	\$19,036	\$166,910	\$39,497	\$381	\$1,019	\$510	\$0	\$41,407	\$208,317	\$1,698,986
2033	\$149,150	\$6,016	\$19,334	\$174,501	\$39,497	\$391	\$1,019	\$533	\$0	\$41,440	\$215,940	\$1,756,825
2034	\$156,694	\$6,167	\$19,639	\$182,500	\$39,497	\$400	\$1,019	\$557	\$0	\$41,474	\$223,974	\$1,813,959
2035	\$164,690	\$6,321	\$19,952	\$190,963	\$39,497	\$410	\$1,019	\$582	\$0	\$41,509	\$232,472	\$1,870,437

Table D.1-18 Expansion Plan Economic Summary - Without Taylor Energy Center - Regulated - CQ

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
GE LM6000 1X1 CC	82,096	18	05/01/14	102,680	8,127
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,202	\$307	\$0	\$51,509	\$0	\$0	\$0	\$0	\$0	\$0	\$51,509	\$51,509
2007	\$47,706	\$268	\$0	\$47,975	\$0	\$0	\$0	\$0	\$0	\$0	\$47,975	\$97,199
2008	\$46,675	\$288	\$0	\$46,962	\$0	\$0	\$0	\$0	\$0	\$0	\$46,962	\$139,795
2009	\$47,925	\$329	\$0	\$48,254	\$0	\$0	\$0	\$0	\$0	\$0	\$48,254	\$181,479
2010	\$48,880	\$359	\$0	\$49,239	\$0	\$0	\$0	\$0	\$0	\$0	\$49,239	\$221,988
2011	\$41,736	\$32,970	\$10,892	\$85,597	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$90,663	\$293,025
2012	\$45,529	\$34,306	\$12,396	\$92,231	\$7,547	\$0	\$0	\$0	\$0	\$7,547	\$99,778	\$367,481
2013	\$49,030	\$36,493	\$12,554	\$98,077	\$7,547	\$0	\$0	\$0	\$0	\$7,547	\$105,624	\$442,546
2014	\$56,563	\$35,766	\$13,972	\$106,301	\$13,002	\$0	\$0	\$0	\$0	\$13,002	\$119,303	\$523,295
2015	\$61,061	\$34,989	\$15,570	\$111,620	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$127,294	\$605,350
2016	\$63,802	\$37,210	\$15,778	\$116,790	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$132,464	\$686,671
2017	\$65,608	\$39,575	\$15,969	\$121,152	\$15,674	\$0	\$0	\$0	\$0	\$15,674	\$136,826	\$766,670
2018	\$93,877	\$4,884	\$14,798	\$113,559	\$27,717	\$0	\$0	\$0	\$0	\$27,717	\$141,276	\$845,338
2019	\$95,602	\$5,110	\$17,915	\$118,628	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$152,243	\$926,076
2020	\$99,449	\$5,264	\$18,126	\$122,839	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$156,455	\$1,005,097
2021	\$104,930	\$5,423	\$18,341	\$128,694	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$162,310	\$1,083,170
2022	\$113,396	\$5,584	\$18,563	\$137,542	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$171,158	\$1,161,580
2023	\$120,660	\$5,754	\$18,790	\$145,203	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$178,819	\$1,239,598
2024	\$125,002	\$5,926	\$19,022	\$149,950	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$183,565	\$1,315,873
2025	\$132,025	\$6,104	\$19,260	\$157,389	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$191,005	\$1,391,460
2026	\$138,142	\$6,256	\$19,505	\$163,903	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$197,519	\$1,465,903
2027	\$144,969	\$6,413	\$19,755	\$171,137	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$204,752	\$1,539,397
2028	\$152,048	\$6,573	\$20,012	\$178,633	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$212,249	\$1,611,955
2029	\$159,393	\$6,737	\$20,275	\$186,405	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$220,021	\$1,683,587
2030	\$167,222	\$6,906	\$20,544	\$194,672	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$228,288	\$1,754,372
2031	\$175,456	\$7,078	\$20,821	\$203,355	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$236,971	\$1,824,350
2032	\$184,109	\$7,255	\$21,104	\$212,468	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$246,084	\$1,893,559
2033	\$193,222	\$7,437	\$21,394	\$222,053	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$255,669	\$1,962,039
2034	\$202,795	\$7,623	\$21,692	\$232,110	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$265,726	\$2,029,824
2035	\$212,884	\$7,813	\$21,997	\$242,695	\$33,616	\$0	\$0	\$0	\$0	\$33,616	\$276,310	\$2,096,953

Table D.1-19 Expansion Plan Economic Summary - With Joint 3x1 CC in 2012

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coat: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547	
GE 3X1 7FA CC	50,824	36	05/01/12	63,885	5,056	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	
GE LM6000 1X1 CC	82,096	18	05/01/22	125,106	9,902	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$42,749	\$33,016	\$10,892	\$86,656	\$5,066	\$0	\$0	\$0	\$5,066	\$91,722	\$295,747	\$295,747
2012	\$58,040	\$15,287	\$4,927	\$78,254	\$10,932	\$233	\$805	\$0	\$11,969	\$90,224	\$363,073	\$363,073
2013	\$67,325	\$6,475	\$5,258	\$79,058	\$12,603	\$238	\$1,208	\$0	\$14,050	\$93,108	\$429,243	\$429,243
2014	\$64,153	\$17,985	\$8,933	\$91,072	\$12,603	\$244	\$1,208	\$0	\$14,056	\$105,127	\$500,397	\$500,397
2015	\$62,433	\$24,311	\$9,106	\$95,850	\$12,603	\$250	\$1,208	\$0	\$14,062	\$109,912	\$571,247	\$571,247
2016	\$65,205	\$25,951	\$9,280	\$100,436	\$12,603	\$257	\$1,208	\$0	\$14,068	\$114,504	\$641,542	\$641,542
2017	\$68,064	\$27,628	\$9,443	\$105,135	\$12,603	\$263	\$1,208	\$0	\$14,074	\$119,209	\$711,242	\$711,242
2018	\$90,254	\$6,257	\$7,970	\$104,480	\$18,625	\$270	\$1,208	\$0	\$20,103	\$124,583	\$780,614	\$780,614
2019	\$93,522	\$6,458	\$9,542	\$109,523	\$21,574	\$276	\$1,208	\$0	\$23,059	\$132,582	\$860,925	\$860,925
2020	\$98,203	\$6,645	\$9,662	\$114,509	\$21,574	\$283	\$1,208	\$0	\$23,065	\$137,575	\$920,410	\$920,410
2021	\$103,318	\$6,839	\$9,785	\$119,942	\$21,574	\$290	\$1,208	\$0	\$23,073	\$143,014	\$989,202	\$989,202
2022	\$108,064	\$7,044	\$13,026	\$128,134	\$28,221	\$298	\$1,208	\$0	\$29,726	\$157,861	\$1,061,520	\$1,061,520
2023	\$113,165	\$7,258	\$14,738	\$135,160	\$31,476	\$305	\$1,208	\$0	\$32,989	\$168,150	\$1,134,883	\$1,134,883
2024	\$119,121	\$7,471	\$14,928	\$141,520	\$31,476	\$313	\$1,208	\$0	\$32,997	\$174,517	\$1,207,398	\$1,207,398
2025	\$125,152	\$7,687	\$15,123	\$147,962	\$31,476	\$321	\$1,208	\$0	\$33,005	\$180,967	\$1,279,013	\$1,279,013
2026	\$130,759	\$7,880	\$15,323	\$153,962	\$31,476	\$329	\$1,208	\$0	\$33,013	\$186,975	\$1,349,482	\$1,349,482
2027	\$136,766	\$8,077	\$15,529	\$160,371	\$31,476	\$337	\$1,208	\$0	\$33,021	\$193,392	\$1,418,898	\$1,418,898
2028	\$142,994	\$8,279	\$15,739	\$167,012	\$31,476	\$345	\$1,208	\$0	\$33,029	\$200,041	\$1,487,282	\$1,487,282
2029	\$149,443	\$8,487	\$15,954	\$173,884	\$31,476	\$354	\$1,208	\$0	\$33,038	\$206,922	\$1,554,650	\$1,554,650
2030	\$156,343	\$8,699	\$16,175	\$181,218	\$31,476	\$363	\$1,208	\$0	\$33,047	\$214,266	\$1,621,087	\$1,621,087
2031	\$163,560	\$8,917	\$16,402	\$188,879	\$31,476	\$372	\$1,208	\$0	\$33,056	\$221,935	\$1,686,625	\$1,686,625
2032	\$171,099	\$9,140	\$16,634	\$196,873	\$31,476	\$381	\$1,208	\$0	\$33,065	\$229,939	\$1,751,293	\$1,751,293
2033	\$178,997	\$9,369	\$16,872	\$205,238	\$31,476	\$391	\$1,208	\$0	\$33,075	\$238,313	\$1,815,125	\$1,815,125
2034	\$187,259	\$9,604	\$17,116	\$213,979	\$31,476	\$400	\$1,208	\$0	\$33,085	\$247,063	\$1,878,149	\$1,878,149
2035	\$195,893	\$9,844	\$17,366	\$223,103	\$31,476	\$410	\$1,208	\$0	\$33,095	\$256,197	\$1,940,391	\$1,940,391

Table D.1-20 Expansion Plan Economic Summary - With Joint IGCC in 2012

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547	
Three Train 1X1 GE IGCC	218,602	53	05/01/12	271,866	19,721	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	
GE LM6000 1X1 CC	82,096	18	05/01/19	116,173	9,195	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$42,749	\$33,016	\$10,892	\$86,656	\$5,066	\$0	\$0	\$0	\$5,066	\$91,722	\$295,747	\$295,747
2012	\$44,590	\$17,358	\$7,451	\$69,399	\$20,748	\$233	\$772	\$0	\$0	\$21,753	\$91,152	\$363,766
2013	\$47,632	\$9,661	\$8,874	\$66,167	\$27,268	\$238	\$1,158	\$0	\$0	\$28,665	\$94,832	\$431,161
2014	\$45,414	\$20,815	\$12,516	\$78,745	\$27,268	\$244	\$1,158	\$0	\$0	\$28,671	\$107,415	\$503,864
2015	\$43,640	\$27,098	\$12,769	\$83,507	\$27,268	\$250	\$1,158	\$0	\$0	\$28,677	\$112,184	\$576,179
2016	\$45,451	\$28,852	\$13,026	\$87,329	\$27,268	\$257	\$1,158	\$0	\$0	\$28,683	\$116,012	\$647,400
2017	\$46,956	\$30,660	\$13,274	\$90,890	\$27,268	\$263	\$1,158	\$0	\$0	\$28,689	\$119,579	\$717,316
2018	\$68,651	\$7,390	\$11,550	\$87,591	\$33,290	\$270	\$1,158	\$0	\$0	\$34,718	\$122,308	\$785,421
2019	\$68,454	\$7,885	\$16,218	\$92,357	\$42,411	\$276	\$1,158	\$0	\$0	\$43,846	\$136,202	\$857,652
2020	\$71,689	\$7,911	\$17,955	\$97,554	\$45,434	\$283	\$1,158	\$0	\$0	\$46,876	\$144,430	\$930,599
2021	\$75,272	\$8,135	\$18,226	\$101,633	\$45,434	\$290	\$1,158	\$0	\$0	\$46,883	\$148,515	\$1,002,038
2022	\$78,541	\$8,366	\$18,503	\$105,410	\$45,434	\$298	\$1,158	\$0	\$0	\$46,890	\$152,300	\$1,071,808
2023	\$82,517	\$8,603	\$18,788	\$109,908	\$45,434	\$305	\$1,158	\$0	\$0	\$46,897	\$156,806	\$1,140,222
2024	\$88,207	\$8,847	\$19,080	\$116,134	\$45,434	\$313	\$1,158	\$0	\$0	\$46,905	\$163,039	\$1,207,968
2025	\$92,967	\$9,098	\$19,379	\$121,464	\$45,434	\$321	\$1,158	\$0	\$0	\$46,913	\$168,376	\$1,274,600
2026	\$96,765	\$9,325	\$19,685	\$125,776	\$45,434	\$329	\$1,158	\$0	\$0	\$46,921	\$172,696	\$1,339,688
2027	\$100,638	\$9,559	\$20,000	\$130,197	\$45,434	\$337	\$1,158	\$0	\$0	\$46,929	\$177,126	\$1,403,266
2028	\$105,215	\$9,797	\$20,322	\$135,334	\$45,434	\$345	\$1,158	\$0	\$0	\$46,938	\$182,271	\$1,465,575
2029	\$110,208	\$10,042	\$20,652	\$140,903	\$45,434	\$354	\$1,158	\$0	\$0	\$46,946	\$187,849	\$1,526,733
2030	\$115,258	\$10,293	\$20,990	\$146,541	\$45,434	\$363	\$1,158	\$0	\$0	\$46,955	\$193,436	\$1,586,730
2031	\$120,543	\$10,551	\$21,337	\$152,431	\$45,434	\$372	\$1,158	\$0	\$0	\$46,964	\$199,395	\$1,645,612
2032	\$126,077	\$10,814	\$21,692	\$158,583	\$45,434	\$381	\$1,158	\$0	\$0	\$46,973	\$205,557	\$1,703,423
2033	\$131,872	\$11,084	\$22,057	\$165,013	\$45,434	\$391	\$1,158	\$0	\$0	\$46,983	\$211,996	\$1,760,206
2034	\$137,932	\$11,361	\$22,430	\$171,723	\$45,434	\$400	\$1,158	\$0	\$0	\$46,993	\$218,716	\$1,815,999
2035	\$144,279	\$11,645	\$22,813	\$178,737	\$45,434	\$410	\$1,158	\$0	\$0	\$47,003	\$225,740	\$1,870,842

Table D.1-21 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Second PC Unit Available

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CF: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
TEC	NA	NA	05/01/12	193,266	14,019
JOINT OWNERSHIP PC UNIT	NA	NA	05/01/18	223,599	16,220

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$42,749	\$33,016	\$10,892	\$86,656	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$91,722	\$295,747
2012	\$47,793	\$16,656	\$6,928	\$71,377	\$16,932	\$233	\$679	\$142	\$0	\$17,985	\$89,362	\$362,430
2013	\$51,643	\$8,865	\$7,778	\$68,286	\$21,566	\$238	\$1,019	\$221	\$0	\$23,045	\$91,331	\$427,337
2014	\$47,877	\$20,443	\$11,491	\$79,811	\$21,566	\$244	\$1,019	\$231	\$0	\$23,061	\$102,871	\$496,964
2015	\$46,502	\$26,945	\$11,702	\$85,149	\$21,566	\$250	\$1,019	\$241	\$0	\$23,077	\$108,227	\$566,728
2016	\$48,103	\$28,775	\$11,915	\$88,793	\$21,566	\$257	\$1,019	\$252	\$0	\$23,094	\$111,887	\$635,417
2017	\$49,153	\$30,647	\$12,116	\$91,916	\$21,566	\$263	\$1,019	\$263	\$0	\$23,112	\$115,029	\$702,672
2018	\$58,591	\$3,309	\$8,222	\$70,122	\$32,454	\$539	\$1,699	\$440	\$0	\$35,131	\$105,254	\$761,281
2019	\$55,004	\$3,199	\$9,133	\$67,336	\$37,786	\$553	\$2,038	\$544	\$0	\$40,921	\$108,258	\$816,692
2020	\$58,295	\$3,302	\$9,302	\$70,900	\$37,786	\$567	\$2,038	\$568	\$0	\$40,960	\$111,859	\$875,189
2021	\$60,454	\$3,406	\$9,475	\$73,335	\$37,786	\$581	\$2,038	\$594	\$0	\$40,999	\$114,335	\$930,186
2022	\$62,101	\$3,510	\$9,653	\$75,263	\$37,786	\$595	\$2,038	\$621	\$0	\$41,041	\$116,304	\$983,466
2023	\$65,200	\$3,620	\$9,835	\$78,655	\$37,786	\$610	\$2,038	\$649	\$0	\$41,083	\$119,738	\$1,035,707
2024	\$70,713	\$3,737	\$10,021	\$84,470	\$37,786	\$625	\$2,038	\$678	\$0	\$41,128	\$125,598	\$1,087,896
2025	\$74,340	\$3,856	\$10,213	\$88,409	\$37,786	\$641	\$2,038	\$708	\$0	\$41,174	\$129,582	\$1,139,176
2026	\$77,155	\$3,952	\$10,409	\$91,516	\$37,786	\$657	\$2,038	\$740	\$0	\$41,222	\$132,738	\$1,189,204
2027	\$78,956	\$4,048	\$10,609	\$93,614	\$37,786	\$673	\$2,038	\$774	\$0	\$41,272	\$134,885	\$1,237,620
2028	\$82,583	\$4,149	\$10,815	\$97,548	\$37,786	\$690	\$2,038	\$808	\$0	\$41,323	\$138,871	\$1,285,093
2029	\$85,922	\$4,252	\$11,026	\$101,201	\$37,786	\$708	\$2,038	\$845	\$0	\$41,377	\$142,578	\$1,331,512
2030	\$89,242	\$4,358	\$11,243	\$104,842	\$37,786	\$723	\$2,038	\$883	\$0	\$41,433	\$146,275	\$1,376,957
2031	\$92,717	\$4,466	\$11,465	\$108,647	\$37,786	\$743	\$2,038	\$923	\$0	\$41,490	\$150,138	\$1,421,203
2032	\$96,363	\$4,577	\$11,692	\$112,632	\$37,786	\$762	\$2,038	\$964	\$0	\$41,550	\$154,183	\$1,464,566
2033	\$100,188	\$4,690	\$11,925	\$116,804	\$37,786	\$781	\$2,038	\$1,007	\$0	\$41,613	\$158,417	\$1,506,997
2034	\$104,196	\$4,807	\$12,164	\$121,167	\$37,786	\$801	\$2,038	\$1,053	\$0	\$41,678	\$162,845	\$1,548,538
2035	\$108,391	\$4,927	\$12,408	\$125,726	\$37,786	\$821	\$2,038	\$1,100	\$0	\$41,745	\$167,471	\$1,589,224

Table D.1-22 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Direct-Fired Biomass in 201

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions					
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yyyy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547	
BIOMASS	84,555	0	05/01/11	96,446	6,996	
TEC	NA	NA	05/01/12	193,266	14,019	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	

Year	Production Cost				Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Biomass Fuel, VOM, & FOM Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)										
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$45,132	\$22,114	\$7,938	\$75,184	\$9,762	\$0	\$0	\$0	\$7,881	\$0	\$17,643	\$92,827	\$296,612
2012	\$45,787	\$1,985	\$5,458	\$53,230	\$23,928	\$233	\$679	\$142	\$12,034	\$0	\$37,015	\$90,245	\$363,954
2013	\$42,215	\$1,899	\$6,195	\$50,308	\$28,563	\$238	\$1,019	\$221	\$12,335	\$0	\$42,376	\$92,684	\$429,823
2014	\$41,570	\$9,037	\$7,808	\$58,415	\$28,563	\$244	\$1,019	\$231	\$12,643	\$0	\$42,700	\$101,115	\$498,262
2015	\$41,461	\$13,063	\$8,763	\$63,287	\$28,563	\$250	\$1,019	\$241	\$12,960	\$0	\$43,033	\$106,320	\$566,797
2016	\$42,889	\$14,206	\$8,976	\$66,071	\$28,563	\$257	\$1,019	\$252	\$13,283	\$0	\$43,374	\$109,445	\$633,987
2017	\$43,753	\$15,391	\$9,185	\$68,329	\$28,563	\$263	\$1,019	\$263	\$13,616	\$0	\$43,724	\$112,053	\$699,502
2018	\$53,002	\$3,015	\$9,669	\$65,686	\$40,606	\$270	\$1,019	\$275	\$13,956	\$0	\$56,126	\$121,812	\$767,331
2019	\$55,479	\$3,123	\$11,285	\$69,886	\$46,504	\$276	\$1,019	\$288	\$14,305	\$0	\$62,392	\$132,278	\$837,482
2020	\$58,590	\$3,226	\$11,448	\$73,264	\$46,504	\$283	\$1,019	\$301	\$14,682	\$0	\$62,770	\$136,034	\$906,188
2021	\$61,275	\$3,332	\$11,616	\$76,223	\$46,504	\$290	\$1,019	\$314	\$15,029	\$0	\$63,157	\$139,380	\$973,232
2022	\$63,691	\$3,441	\$11,787	\$78,919	\$46,504	\$298	\$1,019	\$328	\$15,405	\$0	\$63,554	\$142,474	\$1,038,501
2023	\$67,023	\$3,553	\$11,963	\$82,540	\$46,504	\$305	\$1,019	\$343	\$15,790	\$0	\$63,962	\$146,501	\$1,102,419
2024	\$71,755	\$3,671	\$12,144	\$87,570	\$46,504	\$313	\$1,019	\$359	\$16,185	\$0	\$64,379	\$151,949	\$1,165,557
2025	\$75,498	\$3,790	\$12,329	\$91,617	\$46,504	\$321	\$1,019	\$375	\$16,589	\$0	\$64,806	\$158,425	\$1,227,459
2026	\$79,612	\$3,885	\$12,519	\$95,015	\$46,504	\$329	\$1,019	\$392	\$17,004	\$0	\$65,247	\$166,263	\$1,287,861
2027	\$81,316	\$3,982	\$12,713	\$98,010	\$46,504	\$337	\$1,019	\$409	\$17,429	\$0	\$65,698	\$163,709	\$1,346,823
2028	\$85,036	\$4,081	\$12,912	\$102,030	\$46,504	\$345	\$1,019	\$428	\$17,865	\$0	\$66,161	\$168,191	\$1,404,118
2029	\$88,674	\$4,183	\$13,116	\$105,973	\$46,504	\$354	\$1,019	\$447	\$18,311	\$0	\$66,635	\$172,609	\$1,460,315
2030	\$92,432	\$4,287	\$13,326	\$110,045	\$46,504	\$363	\$1,019	\$467	\$18,769	\$0	\$67,122	\$177,167	\$1,515,249
2031	\$96,363	\$4,394	\$13,540	\$114,297	\$46,504	\$372	\$1,019	\$488	\$19,238	\$0	\$67,622	\$181,918	\$1,568,970
2032	\$100,481	\$4,504	\$13,760	\$118,745	\$46,504	\$381	\$1,019	\$510	\$19,719	\$0	\$68,134	\$186,879	\$1,621,528
2033	\$104,795	\$4,616	\$13,985	\$123,397	\$46,504	\$391	\$1,019	\$533	\$20,212	\$0	\$68,659	\$192,056	\$1,672,970
2034	\$109,314	\$4,732	\$14,216	\$128,261	\$46,504	\$400	\$1,019	\$557	\$20,718	\$0	\$69,198	\$197,460	\$1,723,340
2035	\$114,037	\$4,850	\$14,453	\$133,340	\$46,504	\$410	\$1,019	\$582	\$21,236	\$0	\$69,751	\$203,091	\$1,772,680

Table D.1-23 Expansion Plan Economic Summary - Without Taylor Energy Center - Direct-Fired Biomass in 2011

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
GE LM6000 1X1 CC BIOMASS	82,096	18	05/01/11	95,349	7,547	
GE LM6000 1X1 CC	84,555	0	05/01/11	96,446	6,996	
GE LM6000 1X1 CC	82,096	18	05/01/14	102,680	8,127	
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971	
GE LM6000 1X1 CC	82,096	18	05/01/24	131,440	10,403	

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Costs (\$1,000)	Biomass Fuel, VOM, & FOM Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$45,093	\$22,166	\$7,953	\$75,212	\$9,762	\$0	\$0	\$0	\$7,981	\$17,643	\$92,854	\$296,634
2012	\$39,345	\$22,416	\$9,457	\$71,218	\$14,543	\$0	\$0	\$0	\$12,034	\$26,577	\$97,796	\$369,610
2013	\$40,588	\$23,938	\$9,615	\$74,140	\$14,543	\$0	\$0	\$0	\$12,335	\$26,878	\$101,019	\$441,402
2014	\$46,273	\$22,198	\$11,033	\$79,503	\$19,998	\$0	\$0	\$0	\$12,643	\$32,642	\$112,145	\$517,306
2015	\$50,112	\$21,316	\$12,631	\$84,058	\$22,670	\$0	\$0	\$0	\$12,960	\$35,630	\$119,688	\$594,459
2016	\$54,978	\$22,820	\$12,839	\$90,637	\$22,670	\$0	\$0	\$0	\$13,283	\$35,954	\$126,591	\$672,174
2017	\$57,725	\$24,427	\$13,038	\$95,190	\$22,670	\$0	\$0	\$0	\$13,616	\$36,286	\$131,476	\$749,046
2018	\$74,978	\$3,971	\$11,827	\$90,775	\$28,692	\$0	\$0	\$0	\$13,956	\$42,648	\$133,423	\$823,341
2019	\$77,917	\$4,117	\$13,436	\$95,470	\$31,641	\$0	\$0	\$0	\$14,305	\$45,946	\$141,416	\$898,336
2020	\$81,890	\$4,246	\$13,594	\$99,730	\$31,641	\$0	\$0	\$0	\$14,662	\$46,304	\$146,034	\$972,093
2021	\$86,255	\$4,378	\$13,756	\$104,389	\$31,641	\$0	\$0	\$0	\$15,029	\$46,670	\$151,059	\$1,044,755
2022	\$90,656	\$4,515	\$13,922	\$109,093	\$31,641	\$0	\$0	\$0	\$15,405	\$47,046	\$156,139	\$1,116,285
2023	\$95,479	\$4,656	\$14,092	\$114,227	\$31,641	\$0	\$0	\$0	\$15,790	\$47,431	\$161,658	\$1,186,815
2024	\$100,408	\$4,804	\$17,459	\$122,672	\$38,624	\$0	\$0	\$0	\$16,185	\$54,809	\$177,480	\$1,260,562
2025	\$105,591	\$4,955	\$19,260	\$129,806	\$42,045	\$0	\$0	\$0	\$16,589	\$56,634	\$188,440	\$1,335,134
2026	\$110,321	\$5,078	\$19,505	\$134,905	\$42,045	\$0	\$0	\$0	\$17,004	\$59,049	\$193,953	\$1,408,233
2027	\$115,391	\$5,205	\$19,755	\$140,351	\$42,045	\$0	\$0	\$0	\$17,429	\$59,474	\$199,825	\$1,479,959
2028	\$120,644	\$5,335	\$20,012	\$145,991	\$42,045	\$0	\$0	\$0	\$17,865	\$59,909	\$205,900	\$1,550,346
2029	\$126,088	\$5,469	\$20,275	\$151,832	\$42,045	\$0	\$0	\$0	\$18,311	\$60,356	\$212,188	\$1,619,428
2030	\$131,909	\$5,606	\$20,544	\$158,059	\$42,045	\$0	\$0	\$0	\$18,769	\$60,814	\$218,873	\$1,687,293
2031	\$137,996	\$5,746	\$20,821	\$164,562	\$42,045	\$0	\$0	\$0	\$19,238	\$61,283	\$225,845	\$1,753,986
2032	\$144,357	\$5,889	\$21,104	\$171,351	\$42,045	\$0	\$0	\$0	\$19,719	\$61,764	\$233,115	\$1,819,547
2033	\$151,023	\$6,037	\$21,394	\$178,454	\$42,045	\$0	\$0	\$0	\$20,212	\$62,257	\$240,711	\$1,884,021
2034	\$157,989	\$6,188	\$21,692	\$185,869	\$42,045	\$0	\$0	\$0	\$20,718	\$62,762	\$248,631	\$1,947,445
2035	\$165,277	\$6,342	\$21,997	\$193,616	\$42,045	\$0	\$0	\$0	\$21,236	\$63,280	\$256,896	\$2,009,858

Table D.1-24 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 on PRB

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CF: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coat: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yyyy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
TEC	NA	NA	05/01/12	192,782	13,984
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost			Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$42,749	\$33,016	\$10,892	\$86,656	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$91,722	\$295,747
2012	\$46,478	\$16,960	\$7,041	\$70,479	\$16,908	\$233	\$678	\$141	\$0	\$17,960	\$88,439	\$361,741
2013	\$49,596	\$9,300	\$7,891	\$66,788	\$21,531	\$238	\$1,017	\$221	\$0	\$23,007	\$89,795	\$425,556
2014	\$45,826	\$20,530	\$11,491	\$77,847	\$21,531	\$244	\$1,017	\$230	\$0	\$23,023	\$100,870	\$493,829
2015	\$44,512	\$26,819	\$11,702	\$83,033	\$21,531	\$250	\$1,017	\$241	\$0	\$23,040	\$106,073	\$562,205
2016	\$49,542	\$28,695	\$11,915	\$90,152	\$21,531	\$257	\$1,017	\$252	\$0	\$23,057	\$113,209	\$631,705
2017	\$52,095	\$30,563	\$12,116	\$94,774	\$21,531	\$263	\$1,017	\$263	\$0	\$23,074	\$117,848	\$700,609
2018	\$71,967	\$3,936	\$12,642	\$88,544	\$33,574	\$270	\$1,017	\$275	\$0	\$35,136	\$123,680	\$769,478
2019	\$72,916	\$4,118	\$15,764	\$92,800	\$39,473	\$276	\$1,017	\$287	\$0	\$41,054	\$133,853	\$840,464
2020	\$76,534	\$4,248	\$15,980	\$96,762	\$39,473	\$283	\$1,017	\$300	\$0	\$41,074	\$137,835	\$910,080
2021	\$80,586	\$4,380	\$16,201	\$101,168	\$39,473	\$290	\$1,017	\$314	\$0	\$41,094	\$142,262	\$978,510
2022	\$84,142	\$4,517	\$16,428	\$105,087	\$39,473	\$298	\$1,017	\$328	\$0	\$41,115	\$146,202	\$1,045,487
2023	\$89,398	\$4,658	\$16,661	\$110,717	\$39,473	\$305	\$1,017	\$342	\$0	\$41,138	\$151,855	\$1,111,741
2024	\$94,845	\$4,803	\$16,900	\$116,548	\$39,473	\$313	\$1,017	\$358	\$0	\$41,161	\$157,709	\$1,177,272
2025	\$99,885	\$4,953	\$17,144	\$121,982	\$39,473	\$321	\$1,017	\$374	\$0	\$41,185	\$163,167	\$1,241,843
2026	\$103,949	\$5,077	\$17,395	\$126,421	\$39,473	\$329	\$1,017	\$391	\$0	\$41,209	\$167,630	\$1,305,021
2027	\$108,677	\$5,204	\$17,652	\$131,533	\$39,473	\$337	\$1,017	\$408	\$0	\$41,235	\$172,766	\$1,367,035
2028	\$113,543	\$5,334	\$17,915	\$136,792	\$39,473	\$345	\$1,017	\$427	\$0	\$41,262	\$178,054	\$1,427,903
2029	\$118,657	\$5,467	\$18,185	\$142,310	\$39,473	\$354	\$1,017	\$446	\$0	\$41,290	\$183,600	\$1,487,677
2030	\$124,021	\$5,604	\$18,462	\$148,087	\$39,473	\$363	\$1,017	\$466	\$0	\$41,319	\$189,406	\$1,546,406
2031	\$129,630	\$5,744	\$18,745	\$154,120	\$39,473	\$372	\$1,017	\$487	\$0	\$41,349	\$195,469	\$1,604,129
2032	\$135,503	\$5,888	\$19,036	\$160,427	\$39,473	\$381	\$1,017	\$509	\$0	\$41,380	\$201,807	\$1,660,995
2033	\$141,652	\$6,035	\$19,334	\$167,021	\$39,473	\$391	\$1,017	\$532	\$0	\$41,412	\$208,434	\$1,716,713
2034	\$148,087	\$6,186	\$19,640	\$173,912	\$39,473	\$400	\$1,017	\$556	\$0	\$41,446	\$215,350	\$1,771,650
2035	\$154,834	\$6,340	\$19,953	\$181,127	\$39,473	\$410	\$1,017	\$581	\$0	\$41,481	\$222,608	\$1,825,732

Table D.1-25 Expansion Plan Economic Summary - With Taylor Energy Center in May of 2013

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 1X1 CC	82,096	18	05/01/11	95,349	7,547
TEC	NA	NA	05/01/13	197,936	14,358
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971
GE LM6000 1X1 CC	82,096	18	05/01/18	113,340	8,971

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Ongoing Capex Cost (\$1,000)	Other Capital Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$51,566	\$302	\$0	\$51,868	\$0	\$0	\$0	\$0	\$0	\$0	\$51,868	\$51,868
2007	\$48,623	\$251	\$0	\$48,874	\$0	\$0	\$0	\$0	\$0	\$0	\$48,874	\$98,415
2008	\$46,946	\$283	\$0	\$47,229	\$0	\$0	\$0	\$0	\$0	\$0	\$47,229	\$141,253
2009	\$48,189	\$323	\$0	\$48,512	\$0	\$0	\$0	\$0	\$0	\$0	\$48,512	\$183,159
2010	\$49,143	\$353	\$0	\$49,496	\$0	\$0	\$0	\$0	\$0	\$0	\$49,496	\$223,880
2011	\$42,749	\$33,016	\$10,892	\$86,656	\$5,066	\$0	\$0	\$0	\$0	\$5,066	\$91,722	\$235,747
2012	\$45,382	\$34,305	\$12,396	\$92,083	\$7,547	\$0	\$0	\$0	\$0	\$7,547	\$99,629	\$370,092
2013	\$52,996	\$18,066	\$7,118	\$78,180	\$17,185	\$238	\$679	\$145	\$0	\$18,248	\$96,427	\$438,621
2014	\$51,263	\$20,518	\$11,491	\$83,272	\$21,905	\$244	\$1,019	\$226	\$0	\$23,395	\$106,667	\$510,817
2015	\$50,370	\$27,021	\$11,702	\$89,093	\$21,905	\$250	\$1,019	\$237	\$0	\$23,411	\$112,504	\$583,338
2016	\$52,194	\$28,854	\$11,915	\$92,964	\$21,905	\$257	\$1,019	\$247	\$0	\$23,428	\$116,392	\$654,793
2017	\$53,521	\$30,725	\$12,116	\$96,352	\$21,905	\$263	\$1,019	\$258	\$0	\$23,446	\$119,808	\$724,842
2018	\$71,165	\$3,941	\$12,641	\$87,747	\$33,948	\$270	\$1,019	\$270	\$0	\$35,507	\$123,254	\$793,475
2019	\$73,029	\$4,106	\$15,763	\$92,898	\$39,847	\$276	\$1,019	\$282	\$0	\$41,425	\$134,322	\$864,709
2020	\$76,924	\$4,234	\$15,979	\$97,138	\$39,847	\$283	\$1,019	\$295	\$0	\$41,444	\$138,582	\$934,702
2021	\$80,453	\$4,367	\$16,201	\$101,020	\$39,847	\$290	\$1,019	\$308	\$0	\$41,465	\$142,485	\$1,003,240
2022	\$83,711	\$4,503	\$16,428	\$104,642	\$39,847	\$298	\$1,019	\$322	\$0	\$41,486	\$146,128	\$1,070,183
2023	\$87,983	\$4,644	\$16,661	\$109,288	\$39,847	\$305	\$1,019	\$337	\$0	\$41,508	\$150,795	\$1,135,974
2024	\$93,679	\$4,789	\$16,899	\$115,367	\$39,847	\$313	\$1,019	\$352	\$0	\$41,530	\$156,897	\$1,201,168
2025	\$98,417	\$4,938	\$17,144	\$120,499	\$39,847	\$321	\$1,019	\$368	\$0	\$41,554	\$162,053	\$1,265,298
2026	\$102,555	\$5,061	\$17,395	\$125,011	\$39,847	\$329	\$1,019	\$384	\$0	\$41,579	\$166,590	\$1,328,084
2027	\$106,352	\$5,188	\$17,652	\$129,192	\$39,847	\$337	\$1,019	\$401	\$0	\$41,604	\$170,796	\$1,389,390
2028	\$111,213	\$5,318	\$17,915	\$134,445	\$39,847	\$345	\$1,019	\$419	\$0	\$41,631	\$176,076	\$1,449,581
2029	\$116,031	\$5,451	\$18,185	\$139,666	\$39,847	\$354	\$1,019	\$438	\$0	\$41,658	\$181,324	\$1,508,615
2030	\$121,050	\$5,587	\$18,462	\$145,099	\$39,847	\$363	\$1,019	\$458	\$0	\$41,687	\$186,785	\$1,566,531
2031	\$126,298	\$5,726	\$18,745	\$150,770	\$39,847	\$372	\$1,019	\$479	\$0	\$41,716	\$192,406	\$1,623,373
2032	\$131,796	\$5,870	\$19,036	\$156,701	\$39,847	\$381	\$1,019	\$500	\$0	\$41,747	\$198,448	\$1,679,185
2033	\$137,552	\$6,016	\$19,334	\$162,902	\$39,847	\$391	\$1,019	\$523	\$0	\$41,779	\$204,682	\$1,734,008
2034	\$143,580	\$6,167	\$19,639	\$169,386	\$39,847	\$400	\$1,019	\$546	\$0	\$41,812	\$211,198	\$1,787,884
2035	\$149,882	\$6,321	\$19,952	\$176,155	\$39,847	\$410	\$1,019	\$571	\$0	\$41,847	\$218,002	\$1,840,847

Table E.5-5 Expansion Plan Economic Summary - With Taylor Energy Center in 2012

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	421,860	30,602
GE 7FA SC	84,784	14	05/01/16	110,969	9,956

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,718	\$8,496	\$0	\$161,213	\$0	\$0	\$0	\$990	\$0	\$990	\$162,203	\$1,059,850
2012	\$145,934	\$7,789	\$2,869	\$156,592	\$20,485	\$508	\$1,483	\$0	\$309	\$22,784	\$179,376	\$1,193,704
2013	\$143,713	\$7,710	\$4,380	\$155,803	\$30,602	\$520	\$2,225	\$0	\$482	\$33,829	\$189,632	\$1,328,471
2014	\$152,920	\$8,073	\$4,490	\$165,483	\$30,602	\$533	\$2,225	\$0	\$504	\$33,863	\$199,346	\$1,463,396
2015	\$164,843	\$8,450	\$4,602	\$177,896	\$30,602	\$547	\$2,225	\$0	\$527	\$33,899	\$211,795	\$1,599,922
2016	\$172,799	\$9,135	\$5,749	\$187,684	\$37,266	\$560	\$2,225	\$0	\$550	\$40,601	\$228,285	\$1,740,069
2017	\$181,929	\$10,001	\$6,410	\$198,341	\$40,558	\$574	\$2,225	\$0	\$575	\$43,932	\$242,273	\$1,881,721
2018	\$191,820	\$10,485	\$6,571	\$208,875	\$40,558	\$589	\$2,225	\$0	\$601	\$43,972	\$252,847	\$2,022,516
2019	\$204,731	\$11,032	\$6,735	\$222,497	\$40,558	\$603	\$2,225	\$0	\$628	\$44,014	\$266,511	\$2,163,852
2020	\$218,249	\$11,583	\$6,903	\$236,735	\$40,558	\$618	\$2,225	\$0	\$656	\$44,057	\$280,792	\$2,305,671
2021	\$231,430	\$12,167	\$7,076	\$250,673	\$40,558	\$634	\$2,225	\$0	\$686	\$44,102	\$294,775	\$2,447,463
2022	\$243,848	\$12,719	\$7,253	\$263,820	\$40,558	\$650	\$2,225	\$0	\$717	\$44,149	\$307,968	\$2,588,547
2023	\$259,672	\$13,322	\$7,434	\$280,428	\$40,558	\$666	\$2,225	\$0	\$749	\$44,197	\$324,625	\$2,730,180
2024	\$281,843	\$14,371	\$7,620	\$303,834	\$40,558	\$683	\$2,225	\$0	\$783	\$44,248	\$348,081	\$2,874,815
2025	\$299,095	\$15,082	\$7,810	\$321,987	\$40,558	\$700	\$2,225	\$0	\$818	\$44,300	\$366,287	\$3,019,767
2026	\$311,914	\$15,449	\$8,006	\$335,369	\$40,558	\$717	\$2,225	\$0	\$855	\$44,354	\$379,723	\$3,162,880
2027	\$324,297	\$15,830	\$8,206	\$348,332	\$40,558	\$735	\$2,225	\$0	\$893	\$44,411	\$392,743	\$3,303,853
2028	\$339,103	\$16,214	\$8,411	\$363,729	\$40,558	\$753	\$2,225	\$0	\$933	\$44,469	\$408,198	\$3,443,395
2029	\$354,014	\$16,617	\$8,621	\$379,252	\$40,558	\$772	\$2,225	\$0	\$975	\$44,530	\$423,782	\$3,581,366
2030	\$369,652	\$17,028	\$8,837	\$395,516	\$40,558	\$792	\$2,225	\$0	\$1,019	\$44,593	\$440,109	\$3,717,830
2031	\$386,012	\$17,454	\$9,058	\$412,524	\$40,558	\$811	\$2,225	\$0	\$1,065	\$44,659	\$457,183	\$3,852,837
2032	\$402,923	\$17,954	\$9,284	\$430,162	\$40,558	\$832	\$2,225	\$0	\$1,113	\$44,727	\$474,889	\$3,986,395
2033	\$420,874	\$18,404	\$9,516	\$448,794	\$40,558	\$852	\$2,225	\$0	\$1,163	\$44,798	\$493,592	\$4,118,603
2034	\$439,646	\$18,865	\$9,754	\$468,265	\$40,558	\$874	\$2,225	\$0	\$1,215	\$44,872	\$513,137	\$4,249,501
2035	\$459,315	\$19,337	\$9,998	\$488,650	\$40,558	\$896	\$2,225	\$0	\$1,270	\$44,948	\$533,598	\$4,379,137

Table E.5-6 Expansion Plan Economic Summary - Without Taylor Energy Center

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 SC	74,256	17	05/01/11	86,157	7,730
250 MW CFB	679,200	44	05/01/16	916,154	66,458

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,448	\$8,614	\$854	\$161,916	\$5,189	\$0	\$0	\$0	\$0	\$5,189	\$167,105	\$1,063,691
2012	\$161,186	\$9,007	\$1,305	\$171,498	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$179,228	\$1,197,434
2013	\$172,037	\$9,465	\$1,337	\$182,839	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$190,569	\$1,332,867
2014	\$183,161	\$9,888	\$1,371	\$194,419	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$202,149	\$1,469,690
2015	\$195,653	\$10,304	\$1,405	\$207,362	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$215,092	\$1,608,340
2016	\$172,425	\$12,699	\$9,655	\$194,778	\$52,217	\$0	\$0	\$0	\$0	\$52,217	\$246,995	\$1,759,974
2017	\$168,241	\$14,088	\$14,020	\$196,349	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$270,537	\$1,918,151
2018	\$178,224	\$14,645	\$14,371	\$207,240	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$281,428	\$2,074,861
2019	\$190,470	\$15,204	\$14,730	\$220,404	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$294,592	\$2,231,089
2020	\$201,422	\$15,784	\$15,098	\$232,305	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$306,492	\$2,385,889
2021	\$212,467	\$16,389	\$15,476	\$244,332	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$318,510	\$2,539,102
2022	\$223,463	\$17,015	\$15,863	\$256,341	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$330,529	\$2,690,521
2023	\$240,540	\$17,658	\$16,259	\$274,457	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$348,645	\$2,842,634
2024	\$264,140	\$18,726	\$16,666	\$299,532	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$373,720	\$2,997,922
2025	\$280,737	\$19,463	\$17,083	\$317,283	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$391,471	\$3,152,840
2026	\$292,160	\$19,949	\$17,510	\$329,618	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$403,806	\$3,305,030
2027	\$305,127	\$20,449	\$17,947	\$343,524	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$417,711	\$3,454,965
2028	\$318,217	\$20,961	\$18,396	\$357,574	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$431,762	\$3,602,562
2029	\$331,774	\$21,484	\$18,856	\$372,114	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$446,302	\$3,747,865
2030	\$346,166	\$22,023	\$19,327	\$387,516	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$461,704	\$3,891,025
2031	\$361,208	\$22,574	\$19,810	\$403,592	\$68,999	\$0	\$0	\$0	\$0	\$68,999	\$472,592	\$4,030,582
2032	\$376,952	\$23,139	\$20,306	\$420,397	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$486,855	\$4,167,506
2033	\$393,492	\$23,717	\$20,813	\$438,022	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$504,480	\$4,302,630
2034	\$410,766	\$24,312	\$21,334	\$456,412	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$522,869	\$4,436,011
2035	\$428,884	\$24,919	\$21,867	\$475,670	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$542,128	\$4,567,719

Table E.1-1 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Fuel Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	High Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coat: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	421,860	30,602
GE LMS100 SC	74,256	17	05/01/16	97,483	8,746
GE LMS100 SC	74,256	17	05/01/21	110,293	9,895

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$269,078	\$5,352	\$0	\$274,430	\$0	\$0	\$0	\$0	\$0	\$0	\$274,430	\$274,430
2007	\$245,385	\$5,738	\$0	\$251,123	\$0	\$0	\$0	\$0	\$0	\$0	\$251,123	\$513,594
2008	\$223,520	\$6,867	\$0	\$230,387	\$0	\$0	\$0	\$0	\$0	\$0	\$230,387	\$722,562
2009	\$193,967	\$7,582	\$0	\$201,549	\$0	\$0	\$0	\$0	\$0	\$0	\$201,549	\$896,668
2010	\$177,270	\$8,041	\$0	\$185,311	\$0	\$0	\$0	\$0	\$0	\$0	\$185,311	\$1,049,124
2011	\$175,725	\$8,424	\$0	\$184,149	\$0	\$0	\$0	\$990	\$0	\$990	\$185,139	\$1,194,185
2012	\$165,389	\$7,732	\$2,869	\$175,989	\$20,485	\$508	\$1,483	\$0	\$309	\$22,784	\$198,773	\$1,342,513
2013	\$161,950	\$7,618	\$4,380	\$173,949	\$30,602	\$520	\$2,225	\$0	\$482	\$33,829	\$207,777	\$1,490,177
2014	\$172,739	\$7,957	\$4,490	\$185,187	\$30,602	\$533	\$2,225	\$0	\$504	\$33,863	\$219,050	\$1,638,438
2015	\$187,467	\$8,312	\$4,602	\$200,381	\$30,602	\$547	\$2,225	\$0	\$527	\$33,899	\$234,281	\$1,789,458
2016	\$196,053	\$8,728	\$5,684	\$210,465	\$36,456	\$560	\$2,225	\$0	\$550	\$39,791	\$250,256	\$1,943,094
2017	\$208,492	\$9,411	\$6,311	\$224,215	\$39,348	\$574	\$2,225	\$0	\$575	\$42,722	\$266,937	\$2,099,166
2018	\$221,846	\$9,877	\$6,469	\$238,192	\$39,348	\$589	\$2,225	\$0	\$601	\$42,762	\$280,954	\$2,255,611
2019	\$236,295	\$10,296	\$6,631	\$253,222	\$39,348	\$603	\$2,225	\$0	\$628	\$42,804	\$296,026	\$2,412,600
2020	\$252,756	\$11,267	\$6,797	\$270,819	\$39,348	\$618	\$2,225	\$0	\$656	\$42,847	\$313,666	\$2,571,023
2021	\$267,786	\$11,822	\$8,060	\$287,669	\$45,972	\$634	\$2,225	\$0	\$686	\$49,516	\$337,185	\$2,733,214
2022	\$283,628	\$12,318	\$8,811	\$304,756	\$49,243	\$650	\$2,225	\$0	\$717	\$52,834	\$357,591	\$2,897,031
2023	\$299,555	\$12,854	\$9,031	\$321,441	\$49,243	\$666	\$2,225	\$0	\$749	\$52,883	\$374,324	\$3,060,347
2024	\$320,312	\$13,478	\$9,257	\$343,047	\$49,243	\$683	\$2,225	\$0	\$783	\$52,933	\$395,980	\$3,224,885
2025	\$342,126	\$13,996	\$9,488	\$365,611	\$49,243	\$700	\$2,225	\$0	\$818	\$52,985	\$418,596	\$3,390,537
2026	\$357,164	\$14,347	\$9,726	\$381,237	\$49,243	\$717	\$2,225	\$0	\$855	\$53,040	\$434,277	\$3,554,212
2027	\$372,367	\$14,707	\$9,969	\$397,042	\$49,243	\$735	\$2,225	\$0	\$893	\$53,096	\$450,138	\$3,715,785
2028	\$390,027	\$15,084	\$10,218	\$415,329	\$49,243	\$753	\$2,225	\$0	\$933	\$53,155	\$468,484	\$3,875,936
2029	\$407,806	\$15,462	\$10,473	\$433,741	\$49,243	\$772	\$2,225	\$0	\$975	\$53,215	\$488,957	\$4,034,476
2030	\$425,750	\$15,920	\$10,735	\$452,405	\$49,243	\$792	\$2,225	\$0	\$1,019	\$53,279	\$505,683	\$4,191,272
2031	\$445,312	\$16,320	\$11,004	\$472,635	\$49,243	\$811	\$2,225	\$0	\$1,065	\$53,344	\$525,980	\$4,346,595
2032	\$465,813	\$16,729	\$11,279	\$493,821	\$49,243	\$832	\$2,225	\$0	\$1,113	\$53,413	\$547,233	\$4,500,499
2033	\$487,276	\$17,148	\$11,561	\$515,985	\$49,243	\$852	\$2,225	\$0	\$1,163	\$53,483	\$569,468	\$4,653,031
2034	\$509,786	\$17,578	\$11,850	\$539,214	\$49,243	\$874	\$2,225	\$0	\$1,215	\$53,557	\$592,771	\$4,804,243
2035	\$534,910	\$18,351	\$12,146	\$565,407	\$49,243	\$896	\$2,225	\$0	\$1,270	\$53,634	\$619,041	\$4,954,636

Table E.1-2 Expansion Plan Economic Summary - Without Taylor Energy Center - High Fuel Prices

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	High Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 SC	74,256	17	05/01/11	86,157	7,730
250 MW CFB	679,200	44	05/01/16	916,154	66,458

Year	Production Cost				Capital Cost and Other Project Costs					Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$269,078	\$5,352	\$0	\$274,430	\$0	\$0	\$0	\$0	\$0	\$0	\$274,430	\$274,430
2007	\$245,385	\$5,738	\$0	\$251,123	\$0	\$0	\$0	\$0	\$0	\$0	\$251,123	\$513,594
2008	\$223,520	\$6,867	\$0	\$230,387	\$0	\$0	\$0	\$0	\$0	\$0	\$230,387	\$722,562
2009	\$193,967	\$7,582	\$0	\$201,549	\$0	\$0	\$0	\$0	\$0	\$0	\$201,549	\$896,668
2010	\$177,270	\$8,041	\$0	\$185,311	\$0	\$0	\$0	\$0	\$0	\$0	\$185,311	\$1,049,124
2011	\$175,404	\$8,535	\$854	\$184,794	\$5,189	\$0	\$0	\$0	\$0	\$5,189	\$189,982	\$1,197,980
2012	\$185,583	\$8,906	\$1,305	\$195,794	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$203,524	\$1,349,852
2013	\$197,881	\$9,336	\$1,337	\$208,554	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$216,284	\$1,503,561
2014	\$210,933	\$9,732	\$1,371	\$222,036	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$229,766	\$1,659,076
2015	\$225,498	\$10,134	\$1,405	\$237,037	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$244,767	\$1,816,855
2016	\$195,121	\$12,573	\$9,655	\$217,348	\$52,217	\$0	\$0	\$0	\$0	\$52,217	\$269,565	\$1,982,344
2017	\$190,184	\$14,088	\$14,020	\$218,293	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$292,480	\$2,153,352
2018	\$203,074	\$14,646	\$14,371	\$232,091	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$366,279	\$2,323,899
2019	\$214,902	\$15,204	\$14,730	\$244,836	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$319,024	\$2,493,084
2020	\$235,513	\$16,168	\$15,098	\$266,780	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$340,968	\$2,665,296
2021	\$251,040	\$16,790	\$15,476	\$283,306	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$357,493	\$2,837,257
2022	\$265,906	\$17,434	\$15,863	\$299,202	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$373,390	\$3,008,311
2023	\$281,131	\$18,022	\$16,259	\$315,412	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$389,600	\$3,178,292
2024	\$300,086	\$18,727	\$16,666	\$335,479	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$409,667	\$3,348,517
2025	\$319,278	\$19,464	\$17,083	\$355,824	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$430,012	\$3,518,688
2026	\$333,348	\$19,950	\$17,510	\$370,808	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$444,996	\$3,686,402
2027	\$348,262	\$20,450	\$17,947	\$386,659	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$460,847	\$3,851,819
2028	\$363,758	\$20,962	\$18,396	\$403,116	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$477,303	\$4,014,985
2029	\$379,827	\$21,485	\$18,856	\$420,168	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$494,356	\$4,175,933
2030	\$396,882	\$22,024	\$19,327	\$438,233	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$512,420	\$4,334,818
2031	\$414,777	\$22,576	\$19,810	\$457,163	\$68,999	\$0	\$0	\$0	\$0	\$68,999	\$526,162	\$4,490,196
2032	\$433,542	\$23,141	\$20,306	\$476,988	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$543,446	\$4,643,035
2033	\$453,243	\$23,718	\$20,813	\$497,774	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$564,232	\$4,794,164
2034	\$474,027	\$24,331	\$21,334	\$519,692	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$586,149	\$4,943,687
2035	\$495,774	\$24,977	\$21,867	\$542,618	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$609,075	\$5,091,659

Table E.1-3 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Fuel Prices

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Low Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	420,607	30,511
GE 7FA SC	84,784	14	05/01/16	110,969	9,956

Year	Production Cost				Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)			
		Variable (\$1,000)	Fixed (\$1,000)										
2006	\$180,688	\$5,356	\$0	\$186,044	\$0	\$0	\$0	\$0	\$0	\$0	\$186,044	\$186,044	
2007	\$165,055	\$5,773	\$0	\$170,829	\$0	\$0	\$0	\$0	\$0	\$0	\$170,829	\$348,738	
2008	\$150,843	\$6,979	\$0	\$157,822	\$0	\$0	\$0	\$0	\$0	\$0	\$157,822	\$491,887	
2009	\$130,081	\$7,805	\$0	\$137,886	\$0	\$0	\$0	\$0	\$0	\$0	\$137,886	\$610,998	
2010	\$119,127	\$8,184	\$0	\$127,312	\$0	\$0	\$0	\$0	\$0	\$0	\$127,312	\$715,738	
2011	\$117,623	\$8,528	\$0	\$126,151	\$0	\$0	\$0	\$990	\$0	\$990	\$127,141	\$815,356	
2012	\$114,565	\$7,828	\$2,869	\$125,262	\$20,424	\$508	\$1,483	\$0	\$309	\$22,723	\$147,985	\$925,785	
2013	\$115,002	\$7,736	\$4,380	\$127,118	\$30,511	\$520	\$2,225	\$0	\$482	\$33,738	\$160,856	\$1,040,102	
2014	\$122,911	\$8,103	\$4,490	\$135,504	\$30,511	\$533	\$2,225	\$0	\$504	\$33,773	\$169,277	\$1,154,675	
2015	\$132,727	\$8,499	\$4,602	\$145,829	\$30,511	\$547	\$2,225	\$0	\$527	\$33,809	\$179,637	\$1,270,471	
2016	\$137,869	\$9,179	\$5,749	\$152,796	\$37,175	\$560	\$2,225	\$0	\$550	\$40,511	\$193,307	\$1,389,145	
2017	\$146,244	\$9,993	\$6,410	\$162,647	\$40,467	\$574	\$2,225	\$0	\$575	\$43,841	\$206,487	\$1,509,874	
2018	\$154,319	\$10,480	\$6,571	\$171,370	\$40,467	\$589	\$2,225	\$0	\$601	\$43,881	\$215,251	\$1,629,734	
2019	\$164,030	\$11,024	\$6,735	\$181,788	\$40,467	\$603	\$2,225	\$0	\$628	\$43,923	\$225,711	\$1,749,433	
2020	\$174,059	\$11,577	\$6,903	\$192,540	\$40,467	\$618	\$2,225	\$0	\$656	\$43,966	\$236,506	\$1,868,885	
2021	\$184,869	\$12,158	\$7,076	\$204,102	\$40,467	\$634	\$2,225	\$0	\$686	\$44,011	\$248,114	\$1,988,232	
2022	\$194,761	\$12,708	\$7,253	\$214,721	\$40,467	\$650	\$2,225	\$0	\$717	\$44,058	\$258,779	\$2,106,781	
2023	\$206,244	\$13,316	\$7,434	\$226,994	\$40,467	\$666	\$2,225	\$0	\$749	\$44,106	\$271,101	\$2,225,062	
2024	\$219,704	\$13,952	\$7,620	\$241,275	\$40,467	\$683	\$2,225	\$0	\$783	\$44,157	\$285,432	\$2,343,665	
2025	\$233,454	\$14,662	\$7,810	\$255,927	\$40,467	\$700	\$2,225	\$0	\$818	\$44,209	\$300,136	\$2,462,439	
2026	\$242,933	\$15,029	\$8,006	\$265,968	\$40,467	\$717	\$2,225	\$0	\$855	\$44,263	\$310,232	\$2,579,362	
2027	\$251,921	\$15,412	\$8,206	\$275,538	\$40,467	\$735	\$2,225	\$0	\$893	\$44,320	\$319,858	\$2,694,172	
2028	\$263,250	\$15,797	\$8,411	\$287,458	\$40,467	\$753	\$2,225	\$0	\$933	\$44,378	\$331,877	\$2,807,610	
2029	\$274,513	\$16,186	\$8,621	\$299,321	\$40,467	\$772	\$2,225	\$0	\$975	\$44,439	\$343,760	\$2,919,529	
2030	\$286,261	\$16,586	\$8,837	\$311,683	\$40,467	\$792	\$2,225	\$0	\$1,019	\$44,502	\$356,186	\$3,029,971	
2031	\$298,540	\$16,995	\$9,058	\$324,593	\$40,467	\$811	\$2,225	\$0	\$1,065	\$44,568	\$369,161	\$3,138,985	
2032	\$311,400	\$17,414	\$9,284	\$338,098	\$40,467	\$832	\$2,225	\$0	\$1,113	\$44,636	\$382,734	\$3,246,625	
2033	\$324,801	\$17,836	\$9,516	\$352,153	\$40,467	\$852	\$2,225	\$0	\$1,163	\$44,707	\$396,860	\$3,352,923	
2034	\$338,846	\$18,275	\$9,754	\$366,875	\$40,467	\$874	\$2,225	\$0	\$1,215	\$44,781	\$411,656	\$3,457,934	
2035	\$353,535	\$18,732	\$9,998	\$382,265	\$40,467	\$896	\$2,225	\$0	\$1,270	\$44,857	\$427,123	\$3,561,702	

Table E.1-4 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Fuel Prices

Case Description		Low Case		Base Case		Economic Parameters		Financial Parameters						
Fuel Forecast: Load Forecast						CPW Discount Rate: Final Capital Escalation Rate: Base Year for CPW \$		Interest During Construction: Fixed Charge Rate CT: (20 year) Fixed Charge Rate CC: (25 year) Fixed Charge Rate Cook: (30 year)						
		5.0%		2.5%		5.0%		8.97%						
		2006		2006		2.5%		7.92%						
						2006		7.25%						
Year	Unit Addition	2006		Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	Capital Cost and Other Project Costs				Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
		Capital Cost (\$1,000)	Variable (\$1,000)					Fixed (\$1,000)	O&M	Fuel and Energy Cost (\$1,000)	Production Cost (\$1,000)			Total Production Cost (\$1,000)
2006	GE LMS100 SC	74,256	\$5,356	17	05/01/11	86,157	7,730	\$180,688	\$0	\$0	\$0	\$0	\$186,044	\$186,044
2007	GE 7FA SC	84,784	\$5,773	14	05/01/16	110,969	9,956	\$165,055	\$0	\$0	\$0	\$0	\$170,829	\$346,738
2008	GE LMS100 SC	74,256	\$6,979	17	05/01/21	110,288	9,895	\$150,843	\$0	\$0	\$0	\$0	\$157,822	\$491,887
2009			\$7,805					\$130,081	\$0	\$0	\$0	\$0	\$137,886	\$610,988
2010			\$8,184					\$119,127	\$0	\$0	\$0	\$0	\$127,312	\$715,738
2011			\$8,654					\$117,583	\$854	\$5,189	\$0	\$0	\$132,278	\$849,382
2012			\$9,040					\$124,194	\$9,040	\$17,730	\$0	\$0	\$142,269	\$925,545
2013			\$9,517					\$132,574	\$1,305	\$17,730	\$0	\$0	\$151,158	\$1,032,971
2014			\$9,951					\$141,187	\$1,337	\$17,730	\$0	\$0	\$160,236	\$1,141,426
2015			\$10,387					\$150,894	\$1,405	\$17,730	\$0	\$0	\$170,416	\$1,251,278
2016			\$11,304					\$157,639	\$2,472	\$14,395	\$0	\$0	\$177,300	\$1,365,349
2017			\$12,154					\$166,316	\$3,051	\$17,686	\$0	\$0	\$185,810	\$1,462,991
2018			\$12,764					\$173,266	\$3,128	\$17,686	\$0	\$0	\$195,158	\$1,560,510
2019			\$13,413					\$179,266	\$3,206	\$17,686	\$0	\$0	\$207,306	\$1,658,028
2020			\$14,071					\$190,687	\$3,286	\$17,686	\$0	\$0	\$219,668	\$1,720,828
2021			\$14,744					\$202,311	\$3,286	\$17,686	\$0	\$0	\$233,354	\$1,840,708
2022			\$15,428					\$213,544	\$4,462	\$24,328	\$0	\$0	\$247,581	\$1,964,098
2023			\$16,124					\$226,124	\$5,122	\$24,328	\$0	\$0	\$262,581	\$2,089,353
2024			\$16,843					\$240,400	\$5,251	\$27,581	\$0	\$0	\$277,581	\$2,215,220
2025			\$17,587					\$255,026	\$5,382	\$27,581	\$0	\$0	\$293,581	\$2,341,682
2026			\$18,354					\$271,462	\$5,516	\$27,581	\$0	\$0	\$310,255	\$2,468,813
2027			\$19,143					\$283,551	\$5,654	\$27,581	\$0	\$0	\$327,581	\$2,594,656
2028			\$19,956					\$296,988	\$5,796	\$27,581	\$0	\$0	\$345,507	\$2,719,391
2029			\$20,794					\$310,121	\$5,940	\$27,581	\$0	\$0	\$363,624	\$2,843,012
2030			\$21,656					\$324,132	\$6,089	\$27,581	\$0	\$0	\$381,922	\$2,965,504
2031			\$22,543					\$339,104	\$6,241	\$27,581	\$0	\$0	\$400,327	\$3,086,995
2032			\$23,456					\$354,169	\$6,397	\$27,581	\$0	\$0	\$418,851	\$3,205,981
2033			\$24,394					\$371,164	\$6,557	\$27,581	\$0	\$0	\$437,426	\$3,323,378
2034			\$25,357					\$388,317	\$6,721	\$27,581	\$0	\$0	\$455,950	\$3,439,956
2035			\$26,344					\$405,251	\$6,889	\$27,581	\$0	\$0	\$473,311	\$3,555,731
2036			\$27,354					\$425,014	\$7,061	\$27,581	\$0	\$0	\$490,651	\$3,670,720

Table E.1-5 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Load and Energy Growth

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	High Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE 7FA SC	84,784	14	05/01/07	88,852	7,972
TEC	NA	NA	05/01/12	421,860	30,602
GE LM6000 SC	45,360	12	05/01/23	70,427	6,319

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$251,122	\$5,733	\$0	\$256,855	\$0	\$0	\$0	\$0	\$0	\$0	\$256,855	\$256,855
2007	\$249,537	\$7,668	\$826	\$258,031	\$5,351	\$0	\$0	\$0	\$0	\$5,351	\$263,382	\$507,695
2008	\$206,672	\$8,008	\$1,261	\$215,942	\$7,972	\$0	\$0	\$0	\$0	\$7,972	\$223,913	\$710,791
2009	\$178,171	\$9,031	\$1,293	\$188,494	\$7,972	\$0	\$0	\$0	\$0	\$7,972	\$196,466	\$880,506
2010	\$164,128	\$9,347	\$1,325	\$174,800	\$7,972	\$0	\$0	\$0	\$0	\$7,972	\$182,772	\$1,030,873
2011	\$162,309	\$9,921	\$1,358	\$173,588	\$7,972	\$0	\$0	\$0	\$0	\$7,972	\$181,559	\$1,173,129
2012	\$155,730	\$9,016	\$4,261	\$169,006	\$28,457	\$508	\$1,483	\$0	\$309	\$30,756	\$199,762	\$1,322,195
2013	\$154,397	\$8,715	\$5,807	\$168,919	\$38,574	\$520	\$2,225	\$0	\$482	\$41,801	\$210,719	\$1,471,949
2014	\$164,304	\$9,171	\$5,953	\$179,427	\$38,574	\$533	\$2,225	\$0	\$504	\$41,835	\$221,263	\$1,621,709
2015	\$177,006	\$9,585	\$6,101	\$192,693	\$38,574	\$547	\$2,225	\$0	\$527	\$41,871	\$234,564	\$1,772,911
2016	\$185,702	\$10,101	\$6,254	\$202,056	\$38,574	\$560	\$2,225	\$0	\$550	\$41,909	\$243,965	\$1,922,684
2017	\$196,357	\$11,048	\$6,410	\$213,815	\$38,574	\$574	\$2,225	\$0	\$575	\$41,947	\$255,763	\$2,072,223
2018	\$206,889	\$11,550	\$6,571	\$225,010	\$38,574	\$589	\$2,225	\$0	\$601	\$41,988	\$266,997	\$2,220,897
2019	\$220,727	\$12,129	\$6,735	\$239,590	\$38,574	\$603	\$2,225	\$0	\$628	\$42,029	\$281,619	\$2,370,246
2020	\$235,034	\$12,705	\$6,903	\$254,642	\$38,574	\$618	\$2,225	\$0	\$656	\$42,073	\$296,714	\$2,520,107
2021	\$248,951	\$13,345	\$7,076	\$269,371	\$38,574	\$634	\$2,225	\$0	\$686	\$42,118	\$311,489	\$2,669,939
2022	\$262,468	\$14,023	\$7,253	\$283,744	\$38,574	\$650	\$2,225	\$0	\$717	\$42,164	\$325,908	\$2,819,241
2023	\$277,949	\$14,292	\$8,529	\$300,770	\$42,815	\$666	\$2,225	\$0	\$749	\$46,454	\$347,224	\$2,970,734
2024	\$299,683	\$15,152	\$9,292	\$324,127	\$44,892	\$683	\$2,225	\$0	\$783	\$48,582	\$372,709	\$3,125,602
2025	\$318,196	\$15,844	\$9,524	\$343,564	\$44,892	\$700	\$2,225	\$0	\$818	\$48,634	\$392,199	\$3,280,806
2026	\$331,905	\$16,236	\$9,762	\$357,903	\$44,892	\$717	\$2,225	\$0	\$855	\$48,689	\$406,592	\$3,434,049
2027	\$345,213	\$16,642	\$10,006	\$371,862	\$39,541	\$735	\$2,225	\$0	\$893	\$43,394	\$415,256	\$3,583,101
2028	\$361,004	\$17,059	\$10,256	\$388,319	\$36,920	\$753	\$2,225	\$0	\$933	\$40,832	\$429,151	\$3,729,807
2029	\$376,910	\$17,486	\$10,513	\$404,909	\$36,920	\$772	\$2,225	\$0	\$975	\$40,893	\$445,802	\$3,874,947
2030	\$393,617	\$17,925	\$10,776	\$422,318	\$36,920	\$792	\$2,225	\$0	\$1,019	\$40,956	\$463,273	\$4,018,593
2031	\$411,071	\$18,374	\$11,045	\$440,490	\$36,920	\$811	\$2,225	\$0	\$1,065	\$41,021	\$481,512	\$4,160,785
2032	\$429,362	\$18,835	\$11,321	\$459,518	\$36,920	\$832	\$2,225	\$0	\$1,113	\$41,090	\$500,607	\$4,301,576
2033	\$448,524	\$19,307	\$11,604	\$479,435	\$36,920	\$852	\$2,225	\$0	\$1,163	\$41,160	\$520,596	\$4,441,017
2034	\$468,563	\$19,791	\$11,894	\$500,247	\$36,920	\$874	\$2,225	\$0	\$1,215	\$41,234	\$541,481	\$4,579,145
2035	\$489,556	\$20,287	\$12,192	\$522,034	\$36,920	\$896	\$2,225	\$0	\$1,270	\$41,311	\$563,344	\$4,716,008

Table E.1-6 Expansion Plan Economic Summary - Without Taylor Energy Center - High Load and Energy Growth

Case Description		Economic Parameters				Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%		Interest During Construction:	5.00%		
Load Forecast:	High Case	Final Capital Escalation Rate:	2.5%		Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006		Fixed Charge Rate CC: (25 year)	7.92%		
					Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 SC	48,600	12	05/01/07	50,830	4,560
GE LM6000 SC	45,360	12	05/01/11	52,366	4,698
250 MW CFB	679,200	44	05/01/15	893,768	64,834

Year	Production Cost				Capital Cost and Other Project Costs					Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$251,122	\$5,733	\$0	\$256,855	\$0	\$0	\$0	\$0	\$0	\$0	\$256,855	\$256,855
2007	\$249,969	\$6,263	\$738	\$256,969	\$3,061	\$0	\$0	\$0	\$0	\$3,061	\$260,050	\$504,522
2008	\$207,286	\$7,456	\$1,126	\$215,869	\$4,560	\$0	\$0	\$0	\$0	\$4,560	\$220,429	\$704,457
2009	\$179,205	\$8,280	\$1,154	\$188,639	\$4,560	\$0	\$0	\$0	\$0	\$4,560	\$193,199	\$871,350
2010	\$163,957	\$8,782	\$1,183	\$173,922	\$4,560	\$0	\$0	\$0	\$0	\$4,560	\$178,482	\$1,018,188
2011	\$162,928	\$9,179	\$2,027	\$174,134	\$7,714	\$0	\$0	\$0	\$0	\$7,714	\$181,848	\$1,160,670
2012	\$173,235	\$9,558	\$2,486	\$185,279	\$9,259	\$0	\$0	\$0	\$0	\$9,259	\$194,538	\$1,305,838
2013	\$185,040	\$9,992	\$2,548	\$197,581	\$9,259	\$0	\$0	\$0	\$0	\$9,259	\$206,840	\$1,452,835
2014	\$196,630	\$10,422	\$2,612	\$209,663	\$9,259	\$0	\$0	\$0	\$0	\$9,259	\$218,922	\$1,601,010
2015	\$174,947	\$12,814	\$10,692	\$198,452	\$52,777	\$0	\$0	\$0	\$0	\$52,777	\$251,230	\$1,762,955
2016	\$171,336	\$14,132	\$14,983	\$200,451	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$274,544	\$1,931,501
2017	\$181,140	\$14,728	\$15,357	\$211,225	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$285,318	\$2,098,320
2018	\$191,846	\$15,295	\$15,741	\$222,881	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$296,974	\$2,263,687
2019	\$204,897	\$15,880	\$16,135	\$236,911	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$311,004	\$2,428,618
2020	\$216,862	\$16,489	\$16,538	\$249,888	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$323,981	\$2,592,251
2021	\$228,966	\$17,114	\$16,952	\$263,031	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$337,124	\$2,754,413
2022	\$240,923	\$17,764	\$17,375	\$276,062	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$350,155	\$2,914,823
2023	\$258,973	\$18,442	\$17,810	\$295,225	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$369,318	\$3,075,956
2024	\$283,379	\$19,630	\$18,255	\$321,264	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$395,356	\$3,240,234
2025	\$301,285	\$20,323	\$18,711	\$340,320	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$414,412	\$3,404,231
2026	\$313,634	\$20,832	\$19,179	\$353,645	\$74,093	\$0	\$0	\$0	\$0	\$74,093	\$427,738	\$3,565,441
2027	\$327,592	\$21,355	\$19,659	\$368,606	\$71,032	\$0	\$0	\$0	\$0	\$71,032	\$439,637	\$3,723,246
2028	\$341,702	\$21,889	\$20,150	\$383,741	\$69,532	\$0	\$0	\$0	\$0	\$69,532	\$453,273	\$3,878,197
2029	\$356,317	\$22,436	\$20,654	\$399,406	\$69,532	\$0	\$0	\$0	\$0	\$69,532	\$468,938	\$4,030,870
2030	\$371,834	\$22,998	\$21,170	\$416,002	\$69,532	\$0	\$0	\$0	\$0	\$69,532	\$485,534	\$4,181,418
2031	\$388,053	\$23,574	\$21,699	\$433,327	\$66,379	\$0	\$0	\$0	\$0	\$66,379	\$499,705	\$4,328,983
2032	\$405,032	\$24,164	\$22,242	\$451,438	\$64,834	\$0	\$0	\$0	\$0	\$64,834	\$516,272	\$4,474,179
2033	\$422,855	\$24,768	\$22,798	\$470,421	\$64,834	\$0	\$0	\$0	\$0	\$64,834	\$535,255	\$4,617,546
2034	\$441,527	\$25,395	\$23,368	\$490,290	\$64,834	\$0	\$0	\$0	\$0	\$64,834	\$555,124	\$4,759,155
2035	\$460,731	\$26,095	\$23,952	\$510,779	\$64,834	\$0	\$0	\$0	\$0	\$64,834	\$575,613	\$4,898,998

Table E.1-7 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Load and Energy Growth

Case Description	
Fuel Forecast:	Base Case
Load Forecast:	Low Case

Economic Parameters	
CPW Discount Rate:	5.0%
Final Capital Escalation Rate:	2.5%
Base Year for CPW \$	2006

Financial Parameters	
Interest During Construction:	5.00%
Fixed Charge Rate CT: (20 year)	8.97%
Fixed Charge Rate CC: (25 year)	7.92%
Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	421,860	30,602
GE LMS100 SC	74,256	17	05/01/17	99,915	8,964
GE LM6000 SC	45,360	12	05/01/24	72,191	6,477

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$218,340	\$5,031	\$0	\$223,370	\$0	\$0	\$0	\$0	\$0	\$0	\$223,370	\$223,370
2007	\$216,682	\$5,401	\$0	\$222,084	\$0	\$0	\$0	\$0	\$0	\$0	\$222,084	\$434,879
2008	\$182,925	\$6,454	\$0	\$189,379	\$0	\$0	\$0	\$0	\$0	\$0	\$189,379	\$606,651
2009	\$159,312	\$7,221	\$0	\$166,533	\$0	\$0	\$0	\$0	\$0	\$0	\$166,533	\$750,509
2010	\$145,738	\$7,657	\$0	\$153,395	\$0	\$0	\$0	\$0	\$0	\$0	\$153,395	\$876,708
2011	\$144,853	\$7,989	\$0	\$152,842	\$0	\$0	\$0	\$0	\$0	\$0	\$152,842	\$996,464
2012	\$136,746	\$7,250	\$2,869	\$146,865	\$20,485	\$508	\$1,483	\$0	\$309	\$22,784	\$169,649	\$1,123,059
2013	\$134,309	\$7,163	\$4,380	\$145,852	\$30,602	\$520	\$2,225	\$0	\$482	\$33,829	\$179,681	\$1,250,754
2014	\$142,852	\$7,507	\$4,490	\$154,849	\$30,602	\$533	\$2,225	\$0	\$504	\$33,863	\$188,712	\$1,378,482
2015	\$154,676	\$7,859	\$4,602	\$167,138	\$30,602	\$547	\$2,225	\$0	\$527	\$33,899	\$201,037	\$1,508,072
2016	\$162,361	\$8,197	\$4,717	\$175,275	\$30,602	\$560	\$2,225	\$0	\$550	\$33,937	\$209,211	\$1,636,510
2017	\$169,859	\$8,726	\$5,826	\$184,411	\$36,619	\$574	\$2,225	\$0	\$575	\$39,993	\$224,403	\$1,767,714
2018	\$178,279	\$9,151	\$6,469	\$193,899	\$39,566	\$589	\$2,225	\$0	\$601	\$42,980	\$236,880	\$1,899,618
2019	\$190,982	\$9,591	\$6,631	\$207,204	\$39,566	\$603	\$2,225	\$0	\$628	\$43,022	\$250,226	\$2,032,318
2020	\$203,145	\$10,064	\$6,797	\$220,005	\$39,566	\$618	\$2,225	\$0	\$656	\$43,065	\$263,070	\$2,165,186
2021	\$215,143	\$10,496	\$6,967	\$232,605	\$39,566	\$634	\$2,225	\$0	\$686	\$43,110	\$275,715	\$2,297,810
2022	\$226,616	\$10,984	\$7,141	\$244,741	\$39,566	\$650	\$2,225	\$0	\$717	\$43,157	\$287,898	\$2,429,700
2023	\$241,166	\$11,477	\$7,319	\$259,962	\$39,566	\$666	\$2,225	\$0	\$749	\$43,206	\$303,168	\$2,561,971
2024	\$259,489	\$12,556	\$8,624	\$280,669	\$43,902	\$683	\$2,225	\$0	\$783	\$47,592	\$328,261	\$2,698,370
2025	\$275,143	\$13,117	\$9,404	\$297,664	\$46,043	\$700	\$2,225	\$0	\$818	\$49,785	\$347,449	\$2,835,867
2026	\$286,913	\$13,447	\$9,639	\$309,998	\$46,043	\$717	\$2,225	\$0	\$855	\$49,839	\$359,838	\$2,971,486
2027	\$298,157	\$13,784	\$9,880	\$321,820	\$46,043	\$735	\$2,225	\$0	\$893	\$49,896	\$371,716	\$3,104,911
2028	\$311,803	\$14,130	\$10,127	\$336,060	\$46,043	\$753	\$2,225	\$0	\$933	\$49,954	\$386,014	\$3,236,870
2029	\$325,475	\$14,483	\$10,380	\$350,338	\$46,043	\$772	\$2,225	\$0	\$975	\$50,015	\$400,353	\$3,367,213
2030	\$339,801	\$14,847	\$10,639	\$365,287	\$46,043	\$792	\$2,225	\$0	\$1,019	\$50,078	\$415,365	\$3,496,005
2031	\$354,767	\$15,219	\$10,905	\$380,890	\$46,043	\$811	\$2,225	\$0	\$1,065	\$50,144	\$431,035	\$3,623,290
2032	\$370,452	\$15,600	\$11,178	\$397,230	\$46,043	\$832	\$2,225	\$0	\$1,113	\$50,212	\$447,442	\$3,749,129
2033	\$386,887	\$15,990	\$11,457	\$414,334	\$46,043	\$852	\$2,225	\$0	\$1,163	\$50,283	\$464,617	\$3,873,576
2034	\$404,072	\$16,391	\$11,744	\$432,207	\$46,043	\$874	\$2,225	\$0	\$1,215	\$50,357	\$482,563	\$3,996,675
2035	\$421,031	\$16,847	\$12,037	\$449,915	\$46,043	\$896	\$2,225	\$0	\$1,270	\$50,433	\$500,349	\$4,118,233

Table E.1-8 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Load and Energy Growth

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Low Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LM6000 SC	45,360	12	05/01/12	53,678	4,816
250 MW CFB	679,200	44	05/01/15	893,768	64,834

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$219,340	\$5,031	\$0	\$223,370	\$0	\$0	\$0	\$0	\$0	\$0	\$223,370	\$223,370
2007	\$216,682	\$5,401	\$0	\$222,084	\$0	\$0	\$0	\$0	\$0	\$0	\$222,084	\$434,879
2008	\$182,925	\$6,454	\$0	\$189,379	\$0	\$0	\$0	\$0	\$0	\$0	\$189,379	\$606,651
2009	\$159,312	\$7,221	\$0	\$166,533	\$0	\$0	\$0	\$0	\$0	\$0	\$166,533	\$750,509
2010	\$145,738	\$7,657	\$0	\$153,395	\$0	\$0	\$0	\$0	\$0	\$0	\$153,395	\$876,708
2011	\$144,853	\$7,989	\$0	\$152,842	\$0	\$0	\$0	\$0	\$0	\$0	\$152,842	\$996,464
2012	\$154,588	\$8,353	\$834	\$163,776	\$3,224	\$0	\$0	\$0	\$0	\$3,224	\$167,000	\$1,121,082
2013	\$163,631	\$8,730	\$1,274	\$173,635	\$4,816	\$0	\$0	\$0	\$0	\$4,816	\$178,451	\$1,247,903
2014	\$173,800	\$9,108	\$1,306	\$184,214	\$4,816	\$0	\$0	\$0	\$0	\$4,816	\$189,030	\$1,375,846
2015	\$153,807	\$11,490	\$9,353	\$174,650	\$48,335	\$0	\$0	\$0	\$0	\$48,335	\$222,984	\$1,519,584
2016	\$149,862	\$12,787	\$13,610	\$176,260	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$245,910	\$1,670,551
2017	\$158,067	\$13,315	\$13,951	\$185,333	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$254,983	\$1,819,634
2018	\$167,544	\$13,834	\$14,300	\$195,678	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$265,328	\$1,967,379
2019	\$178,954	\$14,369	\$14,657	\$207,980	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$277,630	\$2,114,612
2020	\$189,371	\$14,923	\$15,023	\$219,317	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$288,967	\$2,260,560
2021	\$199,824	\$15,493	\$15,399	\$230,717	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$300,367	\$2,405,041
2022	\$210,067	\$16,084	\$15,784	\$241,935	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$311,585	\$2,547,782
2023	\$225,813	\$16,698	\$16,179	\$258,689	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$328,339	\$2,691,035
2024	\$249,776	\$17,783	\$16,583	\$284,142	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$353,792	\$2,838,043
2025	\$267,226	\$18,462	\$16,998	\$302,686	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$372,336	\$2,985,389
2026	\$278,062	\$18,927	\$17,423	\$314,412	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$384,062	\$3,130,138
2027	\$290,395	\$19,402	\$17,858	\$327,655	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$397,304	\$3,272,747
2028	\$301,178	\$19,925	\$18,305	\$339,407	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$409,057	\$3,412,583
2029	\$313,986	\$20,422	\$18,782	\$353,170	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$422,820	\$3,550,241
2030	\$327,581	\$20,933	\$19,231	\$367,745	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$437,395	\$3,685,863
2031	\$341,781	\$21,458	\$19,712	\$382,951	\$69,650	\$0	\$0	\$0	\$0	\$69,650	\$452,601	\$3,819,518
2032	\$356,652	\$21,994	\$20,205	\$398,851	\$66,426	\$0	\$0	\$0	\$0	\$66,426	\$465,277	\$3,950,372
2033	\$372,276	\$22,543	\$20,710	\$415,529	\$64,834	\$0	\$0	\$0	\$0	\$64,834	\$480,363	\$4,079,037
2034	\$388,588	\$23,109	\$21,228	\$432,924	\$64,834	\$0	\$0	\$0	\$0	\$64,834	\$497,758	\$4,206,012
2035	\$405,708	\$23,686	\$21,758	\$451,152	\$64,834	\$0	\$0	\$0	\$0	\$64,834	\$515,986	\$4,331,369

Table E.1-9 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Capital Costs

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	504,648	36,607
GE 7FA SC	101,741	14	05/01/16	133,163	11,947

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,718	\$8,496	\$0	\$161,213	\$0	\$0	\$0	\$990	\$0	\$990	\$162,203	\$1,059,850
2012	\$145,934	\$7,789	\$2,869	\$156,592	\$24,505	\$508	\$1,483	\$0	\$309	\$26,804	\$183,396	\$1,196,703
2013	\$143,713	\$7,710	\$4,380	\$155,803	\$36,607	\$520	\$2,225	\$0	\$482	\$39,834	\$195,637	\$1,335,739
2014	\$152,920	\$8,073	\$4,490	\$165,483	\$36,607	\$533	\$2,225	\$0	\$504	\$39,869	\$205,351	\$1,474,729
2015	\$164,843	\$8,450	\$4,602	\$177,896	\$36,607	\$547	\$2,225	\$0	\$527	\$39,905	\$217,801	\$1,615,125
2016	\$172,799	\$9,135	\$5,749	\$187,684	\$44,605	\$560	\$2,225	\$0	\$550	\$47,940	\$235,624	\$1,759,778
2017	\$181,929	\$10,001	\$6,410	\$198,341	\$48,555	\$574	\$2,225	\$0	\$575	\$51,928	\$250,269	\$1,906,105
2018	\$191,820	\$10,485	\$6,571	\$208,875	\$48,555	\$589	\$2,225	\$0	\$601	\$51,969	\$260,844	\$2,051,353
2019	\$204,731	\$11,032	\$6,735	\$222,497	\$48,555	\$603	\$2,225	\$0	\$628	\$52,010	\$274,508	\$2,196,930
2020	\$218,249	\$11,583	\$6,903	\$236,735	\$48,555	\$618	\$2,225	\$0	\$656	\$52,054	\$288,789	\$2,342,788
2021	\$231,430	\$12,167	\$7,076	\$250,673	\$48,555	\$634	\$2,225	\$0	\$686	\$52,099	\$302,772	\$2,488,426
2022	\$243,848	\$12,719	\$7,253	\$263,820	\$48,555	\$650	\$2,225	\$0	\$717	\$52,145	\$315,965	\$2,633,174
2023	\$259,672	\$13,322	\$7,434	\$280,428	\$48,555	\$666	\$2,225	\$0	\$749	\$52,194	\$332,622	\$2,778,295
2024	\$281,843	\$14,371	\$7,620	\$303,834	\$48,555	\$683	\$2,225	\$0	\$783	\$52,244	\$356,078	\$2,926,253
2025	\$299,095	\$15,082	\$7,810	\$321,987	\$48,555	\$700	\$2,225	\$0	\$818	\$52,297	\$374,284	\$3,074,370
2026	\$311,914	\$15,449	\$8,006	\$335,369	\$48,555	\$717	\$2,225	\$0	\$855	\$52,351	\$387,719	\$3,220,497
2027	\$324,297	\$15,830	\$8,206	\$348,332	\$48,555	\$735	\$2,225	\$0	\$893	\$52,407	\$400,740	\$3,364,340
2028	\$339,103	\$16,214	\$8,411	\$363,729	\$48,555	\$753	\$2,225	\$0	\$933	\$52,466	\$416,195	\$3,506,616
2029	\$354,014	\$16,617	\$8,621	\$379,252	\$48,555	\$772	\$2,225	\$0	\$975	\$52,527	\$431,779	\$3,647,191
2030	\$369,652	\$17,028	\$8,837	\$395,516	\$48,555	\$792	\$2,225	\$0	\$1,019	\$52,590	\$448,106	\$3,786,134
2031	\$386,012	\$17,454	\$9,058	\$412,524	\$48,555	\$811	\$2,225	\$0	\$1,065	\$52,656	\$465,179	\$3,923,503
2032	\$402,923	\$17,954	\$9,284	\$430,162	\$48,555	\$832	\$2,225	\$0	\$1,113	\$52,724	\$482,886	\$4,059,310
2033	\$420,874	\$18,404	\$9,516	\$448,794	\$48,555	\$852	\$2,225	\$0	\$1,163	\$52,795	\$501,588	\$4,193,659
2034	\$439,646	\$18,865	\$9,754	\$468,265	\$48,555	\$874	\$2,225	\$0	\$1,215	\$52,868	\$521,133	\$4,326,597
2035	\$459,315	\$19,337	\$9,998	\$488,650	\$48,555	\$896	\$2,225	\$0	\$1,270	\$52,945	\$541,595	\$4,458,176

Table E.1-10 Expansion Plan Economic Summary - Without Taylor Energy Center - High Capital Costs

Case Description	
Fuel Forecast:	Base Case
Load Forecast:	Base Case

Economic Parameters	
CPW Discount Rate:	5.0%
Final Capital Escalation Rate:	2.5%
Base Year for CPW \$	2006

Financial Parameters	
Interest During Construction:	5.00%
Fixed Charge Rate CT: (20 year)	8.97%
Fixed Charge Rate CC: (25 year)	7.92%
Fixed Charge Rate Coal: (30 year)	7.25%

Unit Addition	Generation Additions			Installed Cost (\$1,000)	Levelized Cost (\$1,000)
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)		
GE LMS100 SC	89,107	17	05/01/11	103,388	9,276
GE 7FA SC	101,741	14	05/01/16	133,163	11,947
GE LMS100 SC	89,107	17	05/01/21	132,346	11,874

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,448	\$8,614	\$854	\$161,916	\$6,226	\$0	\$0	\$0	\$0	\$6,226	\$168,143	\$1,064,504
2012	\$161,186	\$9,007	\$1,305	\$171,498	\$9,276	\$0	\$0	\$0	\$0	\$9,276	\$180,774	\$1,199,400
2013	\$172,037	\$9,465	\$1,337	\$182,839	\$9,276	\$0	\$0	\$0	\$0	\$9,276	\$192,115	\$1,335,933
2014	\$183,161	\$9,888	\$1,371	\$194,419	\$9,276	\$0	\$0	\$0	\$0	\$9,276	\$203,695	\$1,473,802
2015	\$195,653	\$10,304	\$1,405	\$207,362	\$9,276	\$0	\$0	\$0	\$0	\$9,276	\$216,638	\$1,613,449
2016	\$205,035	\$11,208	\$2,472	\$218,715	\$17,274	\$0	\$0	\$0	\$0	\$17,274	\$235,988	\$1,758,325
2017	\$218,606	\$12,154	\$3,051	\$233,812	\$21,223	\$0	\$0	\$0	\$0	\$21,223	\$255,035	\$1,907,439
2018	\$232,369	\$12,772	\$3,128	\$248,268	\$21,223	\$0	\$0	\$0	\$0	\$21,223	\$269,512	\$2,057,513
2019	\$247,366	\$13,423	\$3,206	\$263,995	\$21,223	\$0	\$0	\$0	\$0	\$21,223	\$285,219	\$2,208,771
2020	\$262,587	\$14,075	\$3,286	\$279,948	\$21,223	\$0	\$0	\$0	\$0	\$21,223	\$301,171	\$2,360,883
2021	\$276,797	\$14,197	\$4,462	\$295,456	\$29,194	\$0	\$0	\$0	\$0	\$29,194	\$324,650	\$2,517,045
2022	\$292,732	\$14,599	\$5,122	\$312,454	\$33,097	\$0	\$0	\$0	\$0	\$33,097	\$345,551	\$2,675,346
2023	\$311,401	\$15,263	\$5,251	\$331,915	\$33,097	\$0	\$0	\$0	\$0	\$33,097	\$365,012	\$2,834,599
2024	\$331,279	\$16,000	\$5,382	\$352,660	\$33,097	\$0	\$0	\$0	\$0	\$33,097	\$385,758	\$2,994,890
2025	\$351,804	\$16,739	\$5,516	\$374,060	\$33,097	\$0	\$0	\$0	\$0	\$33,097	\$407,157	\$3,156,016
2026	\$367,529	\$17,159	\$5,654	\$390,342	\$33,097	\$0	\$0	\$0	\$0	\$33,097	\$423,439	\$3,315,606
2027	\$384,387	\$17,588	\$5,796	\$407,771	\$33,097	\$0	\$0	\$0	\$0	\$33,097	\$440,868	\$3,473,852
2028	\$401,841	\$18,029	\$5,940	\$425,810	\$33,097	\$0	\$0	\$0	\$0	\$33,097	\$458,908	\$3,630,729
2029	\$419,946	\$18,481	\$6,089	\$444,516	\$33,097	\$0	\$0	\$0	\$0	\$33,097	\$477,613	\$3,786,227
2030	\$439,289	\$18,943	\$6,241	\$464,473	\$33,097	\$0	\$0	\$0	\$0	\$33,097	\$497,571	\$3,940,507
2031	\$459,511	\$19,418	\$6,397	\$485,327	\$26,871	\$0	\$0	\$0	\$0	\$26,871	\$512,198	\$4,091,761
2032	\$480,662	\$19,904	\$6,557	\$507,123	\$23,821	\$0	\$0	\$0	\$0	\$23,821	\$530,944	\$4,241,084
2033	\$502,800	\$20,403	\$6,721	\$529,924	\$23,821	\$0	\$0	\$0	\$0	\$23,821	\$553,746	\$4,389,404
2034	\$525,960	\$20,914	\$6,889	\$553,763	\$23,821	\$0	\$0	\$0	\$0	\$23,821	\$577,585	\$4,536,742
2035	\$550,186	\$21,438	\$7,061	\$578,685	\$23,821	\$0	\$0	\$0	\$0	\$23,821	\$602,507	\$4,683,119

Table E.1-11 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Capital Costs

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	339,071	24,596
GE LMS100 SC	59,405	17	05/01/16	77,986	6,997
GE LMS100 SC	59,405	17	05/01/21	88,234	7,916

Year	Production Cost			Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,718	\$8,496	\$0	\$161,213	\$0	\$0	\$0	\$990	\$0	\$990	\$162,203	\$1,059,850
2012	\$145,934	\$7,789	\$2,869	\$156,592	\$16,465	\$508	\$1,483	\$0	\$309	\$18,764	\$175,356	\$1,190,704
2013	\$143,713	\$7,710	\$4,380	\$155,803	\$24,596	\$520	\$2,225	\$0	\$482	\$27,823	\$183,626	\$1,321,203
2014	\$152,920	\$8,073	\$4,490	\$165,483	\$24,596	\$533	\$2,225	\$0	\$504	\$27,858	\$193,341	\$1,452,064
2015	\$164,843	\$8,450	\$4,602	\$177,896	\$24,596	\$547	\$2,225	\$0	\$527	\$27,894	\$205,790	\$1,584,718
2016	\$172,087	\$8,869	\$5,684	\$186,640	\$29,280	\$560	\$2,225	\$0	\$550	\$32,615	\$219,255	\$1,719,321
2017	\$180,981	\$9,389	\$6,311	\$196,682	\$31,593	\$574	\$2,225	\$0	\$575	\$34,967	\$231,649	\$1,854,761
2018	\$190,652	\$9,874	\$6,469	\$206,995	\$31,593	\$589	\$2,225	\$0	\$601	\$35,007	\$242,002	\$1,989,517
2019	\$203,439	\$10,295	\$6,631	\$220,365	\$31,593	\$603	\$2,225	\$0	\$628	\$35,049	\$255,414	\$2,124,969
2020	\$217,137	\$10,798	\$6,797	\$234,731	\$31,593	\$618	\$2,225	\$0	\$656	\$35,092	\$269,824	\$2,261,248
2021	\$229,196	\$11,357	\$8,060	\$248,613	\$36,892	\$634	\$2,225	\$0	\$686	\$40,437	\$289,049	\$2,400,286
2022	\$241,174	\$11,853	\$8,811	\$261,838	\$39,510	\$650	\$2,225	\$0	\$717	\$43,101	\$304,939	\$2,539,982
2023	\$256,364	\$12,425	\$9,031	\$277,820	\$39,510	\$666	\$2,225	\$0	\$749	\$43,149	\$320,969	\$2,680,019
2024	\$274,592	\$13,482	\$9,257	\$297,331	\$39,510	\$683	\$2,225	\$0	\$783	\$43,199	\$340,531	\$2,821,517
2025	\$293,263	\$13,987	\$9,488	\$316,739	\$39,510	\$700	\$2,225	\$0	\$818	\$43,252	\$359,990	\$2,963,977
2026	\$305,250	\$14,356	\$9,726	\$329,332	\$39,510	\$717	\$2,225	\$0	\$855	\$43,306	\$372,638	\$3,104,420
2027	\$317,317	\$14,715	\$9,969	\$342,001	\$39,510	\$735	\$2,225	\$0	\$893	\$43,362	\$385,363	\$3,242,743
2028	\$331,211	\$15,150	\$10,218	\$356,579	\$39,510	\$753	\$2,225	\$0	\$933	\$43,421	\$400,900	\$3,379,483
2029	\$345,753	\$15,530	\$10,473	\$371,756	\$39,510	\$772	\$2,225	\$0	\$975	\$43,482	\$415,238	\$3,514,673
2030	\$361,004	\$15,919	\$10,735	\$387,659	\$39,510	\$792	\$2,225	\$0	\$1,019	\$43,545	\$431,203	\$3,648,375
2031	\$376,941	\$16,318	\$11,004	\$404,262	\$39,510	\$811	\$2,225	\$0	\$1,065	\$43,611	\$447,873	\$3,780,633
2032	\$393,639	\$16,727	\$11,279	\$421,645	\$39,510	\$832	\$2,225	\$0	\$1,113	\$43,679	\$465,324	\$3,911,501
2033	\$411,129	\$17,146	\$11,561	\$439,836	\$39,510	\$852	\$2,225	\$0	\$1,163	\$43,750	\$483,586	\$4,041,029
2034	\$429,426	\$17,575	\$11,850	\$458,851	\$39,510	\$874	\$2,225	\$0	\$1,215	\$43,823	\$502,675	\$4,169,258
2035	\$448,589	\$18,016	\$12,146	\$478,750	\$39,510	\$896	\$2,225	\$0	\$1,270	\$43,900	\$522,650	\$4,296,234

Table E.1-12 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Capital Costs

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 SC	59,405	17	05/01/11	68,925	6,184
250 MW CFB	543,360	44	05/01/16	732,923	53,166

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,883	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,448	\$8,614	\$854	\$161,916	\$4,151	\$0	\$0	\$0	\$0	\$4,151	\$166,067	\$1,062,878
2012	\$161,186	\$9,007	\$1,305	\$171,498	\$6,184	\$0	\$0	\$0	\$0	\$6,184	\$177,682	\$1,195,467
2013	\$172,037	\$9,465	\$1,337	\$182,839	\$6,184	\$0	\$0	\$0	\$0	\$6,184	\$189,023	\$1,329,802
2014	\$183,161	\$9,888	\$1,371	\$194,419	\$6,184	\$0	\$0	\$0	\$0	\$6,184	\$200,603	\$1,465,578
2015	\$195,653	\$10,304	\$1,405	\$207,362	\$6,184	\$0	\$0	\$0	\$0	\$6,184	\$213,546	\$1,603,232
2016	\$172,425	\$12,699	\$9,655	\$194,778	\$41,773	\$0	\$0	\$0	\$0	\$41,773	\$236,552	\$1,748,454
2017	\$168,241	\$14,088	\$14,020	\$196,349	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$255,699	\$1,897,956
2018	\$178,224	\$14,645	\$14,371	\$207,240	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$266,590	\$2,046,404
2019	\$190,470	\$15,204	\$14,730	\$220,404	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$279,754	\$2,194,763
2020	\$201,422	\$15,784	\$15,098	\$232,305	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$291,655	\$2,342,069
2021	\$212,467	\$16,389	\$15,476	\$244,332	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$303,682	\$2,488,145
2022	\$223,463	\$17,015	\$15,863	\$256,341	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$315,691	\$2,632,767
2023	\$240,540	\$17,658	\$16,259	\$274,457	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$333,807	\$2,778,406
2024	\$264,140	\$18,726	\$16,666	\$299,532	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$358,882	\$2,927,529
2025	\$280,737	\$19,463	\$17,083	\$317,283	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$376,633	\$3,076,575
2026	\$292,160	\$19,949	\$17,510	\$329,618	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$388,968	\$3,223,174
2027	\$305,127	\$20,449	\$17,947	\$343,524	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$402,874	\$3,367,782
2028	\$318,217	\$20,961	\$18,396	\$357,574	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$416,924	\$3,510,307
2029	\$331,774	\$21,484	\$18,856	\$372,114	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$431,464	\$3,650,780
2030	\$346,166	\$22,023	\$19,327	\$387,516	\$59,350	\$0	\$0	\$0	\$0	\$59,350	\$446,866	\$3,789,339
2031	\$361,208	\$22,574	\$19,810	\$403,592	\$55,199	\$0	\$0	\$0	\$0	\$55,199	\$458,792	\$3,924,821
2032	\$376,952	\$23,139	\$20,306	\$420,397	\$53,166	\$0	\$0	\$0	\$0	\$53,166	\$473,564	\$4,058,006
2033	\$393,492	\$23,717	\$20,813	\$438,022	\$53,166	\$0	\$0	\$0	\$0	\$53,166	\$491,188	\$4,189,570
2034	\$410,766	\$24,312	\$21,334	\$456,412	\$53,166	\$0	\$0	\$0	\$0	\$53,166	\$509,578	\$4,319,561
2035	\$428,884	\$24,919	\$21,867	\$475,670	\$53,166	\$0	\$0	\$0	\$0	\$53,166	\$528,836	\$4,448,039

Table E.1-13 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - High Allowance Prices

Case Description		Economic Parameters		Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
				Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yyyy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	421,860	30,602
GE 7FA SC	84,784	14	05/01/16	110,969	9,956

Year	Production Cost				Capital Cost and Other Project Costs							Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)	Total System Cost (\$1,000)	
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,718	\$7,694	\$0	\$176,413	\$0	\$0	\$0	\$0	\$0	\$0	\$176,413	\$799,177
2010	\$154,587	\$8,150	\$0	\$162,736	\$0	\$0	\$0	\$0	\$0	\$0	\$162,736	\$933,061
2011	\$152,921	\$8,497	\$0	\$161,418	\$0	\$0	\$990	\$0	\$990	\$990	\$162,408	\$1,060,312
2012	\$146,457	\$7,790	\$2,869	\$157,116	\$20,485	\$508	\$1,483	\$0	\$309	\$22,784	\$179,900	\$1,194,557
2013	\$144,446	\$7,712	\$4,380	\$156,539	\$30,602	\$520	\$2,225	\$0	\$482	\$33,829	\$190,368	\$1,329,847
2014	\$153,637	\$8,075	\$4,490	\$166,201	\$30,602	\$533	\$2,225	\$0	\$504	\$33,863	\$200,065	\$1,465,259
2015	\$165,980	\$8,450	\$4,602	\$179,033	\$30,602	\$547	\$2,225	\$0	\$527	\$33,899	\$212,932	\$1,602,517
2016	\$173,991	\$9,147	\$5,749	\$188,867	\$37,266	\$560	\$2,225	\$0	\$550	\$40,601	\$229,488	\$1,743,403
2017	\$182,964	\$10,003	\$6,410	\$199,377	\$40,558	\$574	\$2,225	\$0	\$575	\$43,932	\$243,308	\$1,885,660
2018	\$192,946	\$10,487	\$6,571	\$210,003	\$40,558	\$589	\$2,225	\$0	\$601	\$43,972	\$253,975	\$2,027,083
2019	\$206,148	\$11,036	\$6,735	\$223,919	\$40,558	\$603	\$2,225	\$0	\$628	\$44,014	\$267,933	\$2,169,174
2020	\$221,899	\$12,028	\$6,903	\$240,830	\$40,558	\$618	\$2,225	\$0	\$656	\$44,057	\$284,887	\$2,313,061
2021	\$233,060	\$12,176	\$7,076	\$252,313	\$40,558	\$634	\$2,225	\$0	\$686	\$44,102	\$296,415	\$2,455,642
2022	\$245,432	\$12,721	\$7,253	\$265,406	\$40,558	\$650	\$2,225	\$0	\$717	\$44,149	\$309,555	\$2,597,452
2023	\$263,556	\$13,828	\$7,434	\$284,818	\$40,558	\$666	\$2,225	\$0	\$749	\$44,197	\$329,016	\$2,741,001
2024	\$284,520	\$14,346	\$7,620	\$306,485	\$40,558	\$683	\$2,225	\$0	\$783	\$44,248	\$350,733	\$2,886,738
2025	\$302,220	\$15,081	\$7,810	\$325,112	\$40,558	\$700	\$2,225	\$0	\$818	\$44,300	\$369,412	\$3,032,926
2026	\$315,136	\$15,502	\$8,006	\$338,644	\$40,558	\$717	\$2,225	\$0	\$855	\$44,354	\$382,998	\$3,177,274
2027	\$327,759	\$15,885	\$8,206	\$351,849	\$40,558	\$735	\$2,225	\$0	\$893	\$44,411	\$396,260	\$3,319,509
2028	\$342,842	\$16,270	\$8,411	\$367,524	\$40,558	\$753	\$2,225	\$0	\$933	\$44,469	\$411,993	\$3,460,348
2029	\$358,016	\$16,674	\$8,621	\$383,312	\$40,558	\$772	\$2,225	\$0	\$975	\$44,530	\$427,842	\$3,599,641
2030	\$373,933	\$17,087	\$8,837	\$399,856	\$40,558	\$792	\$2,225	\$0	\$1,019	\$44,593	\$444,449	\$3,737,451
2031	\$390,642	\$17,522	\$9,058	\$417,221	\$40,558	\$811	\$2,225	\$0	\$1,065	\$44,659	\$461,880	\$3,873,845
2032	\$408,113	\$17,961	\$9,284	\$435,358	\$40,558	\$832	\$2,225	\$0	\$1,113	\$44,727	\$480,085	\$4,008,865
2033	\$426,414	\$18,411	\$9,516	\$454,341	\$40,558	\$852	\$2,225	\$0	\$1,163	\$44,798	\$499,139	\$4,142,558
2034	\$445,606	\$18,872	\$9,754	\$474,232	\$40,558	\$874	\$2,225	\$0	\$1,215	\$44,872	\$519,104	\$4,274,978
2035	\$465,687	\$19,345	\$9,998	\$495,030	\$40,558	\$896	\$2,225	\$0	\$1,270	\$44,948	\$539,978	\$4,406,164

Table E.1-14 Expansion Plan Economic Summary - Without Taylor Energy Center - High Allowance Prices

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions		Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)			
GE LMS100 SC	74,256	17	05/01/11	86,157	7,730
250 MW CFB	679,200	44	05/01/16	916,154	66,458

Year	Production Cost				Capital Cost and Other Project Costs					Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)	
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)			Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029	
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662	
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785	
2009	\$168,718	\$7,694	\$0	\$176,413	\$0	\$0	\$0	\$0	\$0	\$176,413	\$799,177	
2010	\$154,587	\$8,150	\$0	\$162,736	\$0	\$0	\$0	\$0	\$0	\$162,736	\$933,061	
2011	\$152,649	\$8,615	\$854	\$162,119	\$5,189	\$0	\$0	\$0	\$0	\$5,189	\$167,307	
2012	\$161,402	\$9,009	\$1,305	\$171,716	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$179,446	
2013	\$172,262	\$9,467	\$1,337	\$183,066	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$190,796	
2014	\$183,403	\$9,890	\$1,371	\$194,664	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$202,394	
2015	\$196,055	\$10,305	\$1,405	\$207,766	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$215,496	
2016	\$173,988	\$12,693	\$9,655	\$196,337	\$52,217	\$0	\$0	\$0	\$0	\$52,217	\$248,553	
2017	\$170,040	\$14,088	\$14,020	\$198,148	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$272,336	
2018	\$180,174	\$14,646	\$14,371	\$209,191	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$283,379	
2019	\$192,871	\$15,205	\$14,730	\$222,806	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$296,994	
2020	\$209,365	\$16,171	\$15,098	\$240,634	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$314,822	
2021	\$215,208	\$16,391	\$15,476	\$247,075	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$321,263	
2022	\$226,195	\$17,016	\$15,863	\$259,074	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$333,262	
2023	\$249,031	\$18,022	\$16,259	\$283,313	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$357,501	
2024	\$269,273	\$18,729	\$16,666	\$304,668	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$378,856	
2025	\$285,901	\$19,465	\$17,083	\$322,449	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$396,637	
2026	\$297,751	\$19,951	\$17,510	\$335,212	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$409,400	
2027	\$311,139	\$20,452	\$17,947	\$349,538	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$423,726	
2028	\$324,695	\$20,964	\$18,396	\$364,055	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$438,242	
2029	\$338,700	\$21,487	\$18,856	\$379,044	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$453,231	
2030	\$353,580	\$22,026	\$19,327	\$394,932	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$469,120	
2031	\$369,147	\$22,577	\$19,810	\$411,535	\$68,999	\$0	\$0	\$0	\$0	\$68,999	\$480,534	
2032	\$385,471	\$23,143	\$20,306	\$428,919	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$495,377	
2033	\$402,607	\$23,720	\$20,813	\$447,140	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$513,598	
2034	\$420,542	\$24,315	\$21,334	\$466,191	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$532,649	
2035	\$439,355	\$24,923	\$21,867	\$486,144	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$552,602	

Table E.1-15 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Low Allowance Prices

Case Description		Economic Parameters		Financial Parameters							
		CPW Discount Rate: 5.0%	Final Capital Escalation Rate: 2.5%	Interest During Construction: 8.97%	Fixed Charge Rate CC: (25 year) 7.92%	Fixed Charge Rate Coal: (30 year) 7.25%					
Unit Addition		2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)					
TEC	GE 7FA SC	NA	NA	05/01/12	421,880	30,602					
		84,784	14	05/01/16	110,969	8,050					
Year	Fuel and Energy Cost (\$1,000)	Variable (\$1,000)	O&M (\$1,000)	Total Production Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)	Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$238,029	\$238,029	
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$237,965	\$464,662	
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$200,791	\$646,785	
2009	\$168,436	\$7,694	\$0	\$176,130	\$0	\$0	\$0	\$0	\$176,130	\$798,933	
2010	\$154,173	\$8,147	\$0	\$162,320	\$0	\$0	\$0	\$0	\$162,320	\$932,474	
2011	\$152,494	\$8,494	\$0	\$160,988	\$0	\$0	\$990	\$0	\$161,978	\$1,059,988	
2012	\$145,393	\$7,787	\$2,869	\$156,049	\$508	\$1,483	\$0	\$309	\$22,784	\$1,192,836	
2013	\$143,048	\$7,709	\$4,380	\$155,137	\$520	\$2,225	\$0	\$462	\$33,829	\$1,327,131	
2014	\$152,163	\$8,072	\$4,490	\$164,744	\$533	\$2,225	\$0	\$504	\$33,863	\$1,461,556	
2015	\$163,683	\$8,449	\$4,602	\$176,734	\$547	\$2,225	\$0	\$527	\$33,899	\$1,597,333	
2016	\$171,576	\$9,133	\$5,749	\$186,458	\$560	\$2,225	\$0	\$550	\$39,325	\$1,735,944	
2017	\$180,866	\$9,999	\$6,410	\$197,275	\$574	\$2,225	\$0	\$575	\$42,025	\$1,875,858	
2018	\$190,685	\$10,481	\$6,571	\$207,706	\$589	\$2,225	\$0	\$601	\$42,066	\$2,014,940	
2019	\$203,312	\$11,029	\$6,735	\$221,076	\$603	\$2,225	\$0	\$628	\$42,107	\$2,154,512	
2020	\$216,587	\$11,580	\$6,903	\$235,070	\$618	\$2,225	\$0	\$656	\$42,151	\$2,294,527	
2021	\$229,818	\$12,165	\$7,076	\$249,058	\$634	\$2,225	\$0	\$686	\$42,196	\$2,434,626	
2022	\$242,254	\$12,717	\$7,253	\$262,224	\$650	\$2,225	\$0	\$717	\$42,242	\$2,574,105	
2023	\$257,603	\$13,319	\$7,434	\$276,356	\$666	\$2,225	\$0	\$749	\$42,291	\$2,714,002	
2024	\$276,473	\$13,942	\$7,620	\$296,035	\$683	\$2,225	\$0	\$783	\$42,341	\$2,855,435	
2025	\$295,442	\$15,017	\$7,810	\$318,269	\$700	\$2,225	\$0	\$818	\$42,393	\$2,998,162	
2026	\$308,538	\$15,444	\$8,006	\$331,988	\$717	\$2,225	\$0	\$855	\$42,448	\$3,139,283	
2027	\$320,634	\$15,825	\$8,206	\$344,684	\$735	\$2,225	\$0	\$893	\$42,504	\$3,278,254	
2028	\$335,170	\$16,209	\$8,411	\$359,789	\$753	\$2,225	\$0	\$933	\$42,563	\$3,415,798	
2029	\$349,795	\$16,611	\$8,621	\$375,027	\$772	\$2,225	\$0	\$975	\$42,624	\$3,551,773	
2030	\$365,113	\$17,022	\$8,837	\$390,972	\$792	\$2,225	\$0	\$1,019	\$42,687	\$3,686,237	
2031	\$381,163	\$17,448	\$9,058	\$407,668	\$811	\$2,225	\$0	\$1,065	\$42,752	\$3,819,247	
2032	\$397,965	\$17,885	\$9,284	\$425,134	\$832	\$2,225	\$0	\$1,113	\$42,821	\$3,950,855	
2033	\$415,567	\$18,340	\$9,516	\$443,422	\$852	\$2,225	\$0	\$1,163	\$42,891	\$4,081,113	
2034	\$433,948	\$18,799	\$9,754	\$462,501	\$874	\$2,225	\$0	\$1,215	\$42,965	\$4,210,055	
2035	\$453,221	\$19,269	\$9,988	\$482,488	\$896	\$2,225	\$0	\$1,270	\$43,042	\$4,337,730	

Table E.1-16 Expansion Plan Economic Summary - Without Taylor Energy Center - Low Allowance Prices

Case Description		Economic Parameters				Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%		Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%		Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006		Fixed Charge Rate CC: (25 year)	7.92%	
					Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 SC	74,256	17	05/01/11	86,157	7,730
250 MW CFB	679,200	44	05/01/16	916,154	66,458

Year	Production Cost			Total Production Cost (\$1,000)	Capital Cost and Other Project Costs				Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)		
	Fuel and Energy Cost (\$1,000)	O&M			Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)			Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029	
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662	
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785	
2009	\$168,436	\$7,694	\$0	\$176,130	\$0	\$0	\$0	\$0	\$0	\$176,130	\$798,933	
2010	\$154,173	\$8,147	\$0	\$162,320	\$0	\$0	\$0	\$0	\$0	\$162,320	\$932,474	
2011	\$152,226	\$8,612	\$854	\$161,692	\$5,189	\$0	\$0	\$0	\$5,189	\$166,881	\$1,063,230	
2012	\$160,982	\$9,005	\$1,305	\$171,292	\$7,730	\$0	\$0	\$0	\$7,730	\$179,022	\$1,196,819	
2013	\$171,816	\$9,463	\$1,337	\$182,616	\$7,730	\$0	\$0	\$0	\$7,730	\$190,346	\$1,332,094	
2014	\$182,910	\$9,886	\$1,371	\$194,167	\$7,730	\$0	\$0	\$0	\$7,730	\$201,897	\$1,468,746	
2015	\$195,222	\$10,301	\$1,405	\$206,928	\$7,730	\$0	\$0	\$0	\$7,730	\$214,658	\$1,607,116	
2016	\$170,892	\$12,698	\$9,655	\$193,244	\$52,217	\$0	\$0	\$0	\$52,217	\$245,461	\$1,757,808	
2017	\$166,442	\$14,088	\$14,020	\$194,551	\$74,188	\$0	\$0	\$0	\$74,188	\$268,738	\$1,914,934	
2018	\$176,221	\$14,644	\$14,371	\$205,236	\$74,188	\$0	\$0	\$0	\$74,188	\$279,423	\$2,070,527	
2019	\$188,079	\$15,203	\$14,730	\$218,012	\$74,188	\$0	\$0	\$0	\$74,188	\$292,200	\$2,225,487	
2020	\$198,568	\$15,783	\$15,098	\$229,449	\$74,188	\$0	\$0	\$0	\$74,188	\$303,637	\$2,378,845	
2021	\$209,688	\$16,388	\$15,476	\$241,551	\$74,188	\$0	\$0	\$0	\$74,188	\$315,739	\$2,530,720	
2022	\$220,710	\$17,015	\$15,863	\$253,588	\$74,188	\$0	\$0	\$0	\$74,188	\$327,776	\$2,680,878	
2023	\$236,975	\$17,641	\$16,259	\$270,875	\$74,188	\$0	\$0	\$0	\$74,188	\$345,063	\$2,831,428	
2024	\$254,091	\$18,353	\$16,666	\$289,110	\$74,188	\$0	\$0	\$0	\$74,188	\$363,298	\$2,982,386	
2025	\$275,322	\$19,458	\$17,083	\$311,862	\$74,188	\$0	\$0	\$0	\$74,188	\$386,050	\$3,135,159	
2026	\$286,612	\$19,947	\$17,510	\$324,068	\$74,188	\$0	\$0	\$0	\$74,188	\$398,256	\$3,285,257	
2027	\$299,133	\$20,447	\$17,947	\$337,527	\$74,188	\$0	\$0	\$0	\$74,188	\$411,715	\$3,433,039	
2028	\$311,762	\$20,958	\$18,396	\$351,117	\$74,188	\$0	\$0	\$0	\$74,188	\$425,305	\$3,578,430	
2029	\$324,860	\$21,482	\$18,856	\$365,198	\$74,188	\$0	\$0	\$0	\$74,188	\$439,386	\$3,721,481	
2030	\$338,743	\$22,020	\$19,327	\$380,090	\$74,188	\$0	\$0	\$0	\$74,188	\$454,278	\$3,862,338	
2031	\$353,262	\$22,571	\$19,810	\$395,644	\$68,999	\$0	\$0	\$0	\$68,999	\$464,643	\$3,999,548	
2032	\$368,456	\$23,136	\$20,306	\$411,898	\$66,458	\$0	\$0	\$0	\$66,458	\$478,355	\$4,134,081	
2033	\$384,352	\$23,713	\$20,813	\$428,878	\$66,458	\$0	\$0	\$0	\$66,458	\$495,336	\$4,266,756	
2034	\$400,979	\$24,308	\$21,334	\$446,621	\$66,458	\$0	\$0	\$0	\$66,458	\$513,078	\$4,397,639	
2035	\$418,419	\$24,915	\$21,867	\$465,201	\$66,458	\$0	\$0	\$0	\$66,458	\$531,659	\$4,526,804	

Table E.1-17 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Regulated - CO₂

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	421,537	30,578
GE 7FA SC	84,784	14	05/01/16	110,969	9,956

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$224,752	\$5,346	\$0	\$230,098	\$0	\$0	\$0	\$0	\$0	\$0	\$230,098	\$230,098
2007	\$205,376	\$5,737	\$0	\$211,112	\$0	\$0	\$0	\$0	\$0	\$0	\$211,112	\$431,157
2008	\$186,997	\$6,876	\$0	\$193,873	\$0	\$0	\$0	\$0	\$0	\$0	\$193,873	\$607,006
2009	\$162,141	\$7,731	\$0	\$169,872	\$0	\$0	\$0	\$0	\$0	\$0	\$169,872	\$753,749
2010	\$148,178	\$8,154	\$0	\$156,332	\$0	\$0	\$0	\$0	\$0	\$0	\$156,332	\$882,363
2011	\$146,501	\$8,504	\$0	\$155,006	\$0	\$0	\$990	\$0	\$990	\$990	\$155,996	\$1,004,590
2012	\$149,024	\$7,786	\$2,869	\$159,679	\$20,469	\$508	\$1,483	\$0	\$309	\$22,769	\$182,447	\$1,140,735
2013	\$158,688	\$7,700	\$4,380	\$170,768	\$30,578	\$520	\$2,225	\$0	\$482	\$33,805	\$204,573	\$1,286,121
2014	\$174,849	\$8,042	\$4,490	\$187,380	\$30,578	\$533	\$2,225	\$0	\$504	\$33,840	\$221,220	\$1,435,852
2015	\$184,993	\$8,407	\$4,602	\$198,002	\$30,578	\$547	\$2,225	\$0	\$527	\$33,876	\$231,878	\$1,585,323
2016	\$193,801	\$9,075	\$5,749	\$208,625	\$37,243	\$560	\$2,225	\$0	\$550	\$40,578	\$249,203	\$1,738,312
2017	\$200,513	\$9,998	\$6,410	\$216,921	\$40,534	\$574	\$2,225	\$0	\$575	\$43,908	\$260,829	\$1,890,813
2018	\$190,419	\$10,480	\$6,571	\$207,469	\$40,534	\$589	\$2,225	\$0	\$601	\$43,949	\$251,418	\$2,030,812
2019	\$205,345	\$11,022	\$6,735	\$223,103	\$40,534	\$603	\$2,225	\$0	\$628	\$43,990	\$267,093	\$2,172,457
2020	\$214,854	\$11,577	\$6,903	\$233,333	\$40,534	\$618	\$2,225	\$0	\$656	\$44,034	\$277,367	\$2,312,546
2021	\$229,458	\$12,156	\$7,076	\$248,691	\$40,534	\$634	\$2,225	\$0	\$686	\$44,079	\$292,769	\$2,453,373
2022	\$253,701	\$12,710	\$7,253	\$273,664	\$40,534	\$650	\$2,225	\$0	\$717	\$44,125	\$317,789	\$2,598,956
2023	\$274,275	\$13,319	\$7,434	\$295,028	\$40,534	\$666	\$2,225	\$0	\$749	\$44,174	\$339,201	\$2,746,949
2024	\$286,635	\$13,936	\$7,620	\$308,191	\$40,534	\$683	\$2,225	\$0	\$783	\$44,224	\$352,415	\$2,893,385
2025	\$306,067	\$14,657	\$7,810	\$328,534	\$40,534	\$700	\$2,225	\$0	\$818	\$44,277	\$372,810	\$3,040,918
2026	\$318,675	\$15,013	\$8,006	\$341,694	\$40,534	\$717	\$2,225	\$0	\$855	\$44,331	\$386,024	\$3,186,407
2027	\$333,228	\$15,377	\$8,206	\$356,810	\$40,534	\$735	\$2,225	\$0	\$893	\$44,387	\$401,197	\$3,330,414
2028	\$350,352	\$15,761	\$8,411	\$374,524	\$40,534	\$753	\$2,225	\$0	\$933	\$44,446	\$418,970	\$3,473,638
2029	\$367,635	\$16,149	\$8,621	\$392,406	\$40,534	\$772	\$2,225	\$0	\$975	\$44,507	\$436,912	\$3,615,885
2030	\$385,762	\$16,554	\$8,837	\$411,153	\$40,534	\$792	\$2,225	\$0	\$1,019	\$44,570	\$455,723	\$3,757,190
2031	\$404,877	\$16,969	\$9,058	\$430,903	\$40,534	\$811	\$2,225	\$0	\$1,065	\$44,635	\$475,539	\$3,897,618
2032	\$425,061	\$17,393	\$9,284	\$451,738	\$40,534	\$832	\$2,225	\$0	\$1,113	\$44,704	\$496,442	\$4,037,237
2033	\$446,335	\$17,829	\$9,516	\$473,680	\$40,534	\$852	\$2,225	\$0	\$1,163	\$44,775	\$518,455	\$4,176,104
2034	\$468,809	\$18,275	\$9,754	\$496,838	\$40,534	\$874	\$2,225	\$0	\$1,215	\$44,848	\$541,686	\$4,314,285
2035	\$492,543	\$18,725	\$9,998	\$521,266	\$40,534	\$896	\$2,225	\$0	\$1,270	\$44,925	\$566,190	\$4,451,839

Table E.1-18 Expansion Plan Economic Summary - Without Taylor Energy Center - Regulated - CO₂

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 SC	74,256	17	05/01/11	86,157	7,730
250 MW CFB	679,200	44	05/01/16	916,154	66,458

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$224,752	\$5,346	\$0	\$230,098	\$0	\$0	\$0	\$0	\$0	\$0	\$230,098	\$230,098
2007	\$205,376	\$5,737	\$0	\$211,112	\$0	\$0	\$0	\$0	\$0	\$0	\$211,112	\$431,157
2008	\$186,997	\$6,876	\$0	\$193,873	\$0	\$0	\$0	\$0	\$0	\$0	\$193,873	\$607,006
2009	\$162,141	\$7,731	\$0	\$169,872	\$0	\$0	\$0	\$0	\$0	\$0	\$169,872	\$753,749
2010	\$148,178	\$8,154	\$0	\$156,332	\$0	\$0	\$0	\$0	\$0	\$0	\$156,332	\$882,363
2011	\$146,234	\$8,622	\$854	\$155,710	\$5,189	\$0	\$0	\$0	\$0	\$5,189	\$160,899	\$1,008,432
2012	\$161,508	\$9,003	\$1,305	\$171,816	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$179,546	\$1,142,412
2013	\$179,553	\$9,430	\$1,337	\$190,320	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$198,050	\$1,283,162
2014	\$194,690	\$9,814	\$1,371	\$205,875	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$213,605	\$1,427,739
2015	\$206,424	\$10,237	\$1,405	\$218,065	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$225,795	\$1,573,288
2016	\$194,696	\$12,490	\$9,655	\$216,841	\$52,217	\$0	\$0	\$0	\$0	\$52,217	\$269,058	\$1,738,466
2017	\$191,755	\$13,918	\$14,020	\$219,693	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$293,881	\$1,910,292
2018	\$177,405	\$14,642	\$14,371	\$206,418	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$280,605	\$2,066,544
2019	\$191,067	\$15,171	\$14,730	\$220,968	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$295,156	\$2,223,071
2020	\$197,425	\$15,765	\$15,098	\$228,288	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$302,476	\$2,375,842
2021	\$270,374	\$16,383	\$15,476	\$242,232	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$316,420	\$2,528,046
2022	\$235,218	\$16,979	\$15,863	\$268,061	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$342,248	\$2,684,834
2023	\$256,881	\$17,620	\$16,259	\$290,760	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$364,948	\$2,844,059
2024	\$266,026	\$18,329	\$16,666	\$301,021	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$375,208	\$2,999,966
2025	\$282,510	\$19,041	\$17,083	\$318,633	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$392,821	\$3,155,419
2026	\$292,837	\$19,517	\$17,510	\$329,864	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$404,052	\$3,307,702
2027	\$308,598	\$19,996	\$17,947	\$346,541	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$420,729	\$3,458,719
2028	\$323,823	\$20,496	\$18,396	\$362,714	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$436,902	\$3,608,074
2029	\$339,643	\$21,007	\$18,856	\$379,506	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$453,694	\$3,755,784
2030	\$356,340	\$21,533	\$19,327	\$397,200	\$74,188	\$0	\$0	\$0	\$0	\$74,188	\$471,388	\$3,901,946
2031	\$374,000	\$22,073	\$19,810	\$415,883	\$68,999	\$0	\$0	\$0	\$0	\$68,999	\$484,882	\$4,045,133
2032	\$392,684	\$22,625	\$20,306	\$435,615	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$502,072	\$4,186,336
2033	\$412,427	\$23,203	\$20,813	\$456,444	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$522,902	\$4,326,395
2034	\$433,420	\$23,774	\$21,334	\$478,527	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$544,985	\$4,465,417
2035	\$455,558	\$24,367	\$21,867	\$501,792	\$66,458	\$0	\$0	\$0	\$0	\$66,458	\$568,250	\$4,603,471

Table E.1-19 Expansion Plan Economic Summary - With Joint 3x1 CC in 2012

Case Description		Economic Parameters				Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%		Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%		Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006		Fixed Charge Rate CC: (25 year)	7.92%		
					Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
JOINT 3x1 /FA CC	111,156	36	05/01/12	134,748	10,665	
GE 7FA SC	84,784	14	05/01/17	113,738	10,205	

Year	Production Cost				Capital Cost and Other Project Costs							Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)	Total System Cost (\$1,000)	
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,718	\$8,496	\$0	\$161,213	\$0	\$0	\$0	\$990	\$0	\$990	\$162,203	\$1,059,850
2012	\$161,315	\$9,148	\$4,917	\$175,381	\$7,139	\$508	\$1,758	\$0	\$0	\$9,405	\$184,785	\$1,197,740
2013	\$169,654	\$9,682	\$7,353	\$186,688	\$10,665	\$520	\$2,637	\$0	\$0	\$13,822	\$200,510	\$1,340,239
2014	\$180,337	\$10,100	\$7,380	\$197,817	\$10,665	\$533	\$2,637	\$0	\$0	\$13,835	\$211,652	\$1,483,494
2015	\$192,005	\$10,596	\$7,408	\$210,010	\$10,665	\$547	\$2,637	\$0	\$0	\$13,849	\$223,858	\$1,627,795
2016	\$203,177	\$11,022	\$7,437	\$221,637	\$10,665	\$560	\$2,637	\$0	\$0	\$13,862	\$235,499	\$1,772,370
2017	\$216,364	\$12,034	\$8,524	\$236,922	\$17,515	\$574	\$2,637	\$0	\$0	\$20,726	\$257,648	\$1,923,012
2018	\$229,777	\$12,781	\$9,112	\$251,669	\$20,870	\$589	\$2,637	\$0	\$0	\$24,095	\$275,765	\$2,076,568
2019	\$244,264	\$13,359	\$9,183	\$266,807	\$20,870	\$603	\$2,637	\$0	\$0	\$24,110	\$290,917	\$2,230,847
2020	\$259,437	\$14,042	\$9,256	\$282,735	\$20,870	\$618	\$2,637	\$0	\$0	\$24,125	\$306,860	\$2,385,833
2021	\$275,712	\$14,688	\$9,332	\$299,731	\$20,870	\$634	\$2,637	\$0	\$0	\$24,140	\$323,872	\$2,541,620
2022	\$291,590	\$15,257	\$9,409	\$316,255	\$20,870	\$650	\$2,637	\$0	\$0	\$24,156	\$340,411	\$2,697,567
2023	\$310,281	\$16,074	\$9,487	\$335,843	\$20,870	\$666	\$2,637	\$0	\$0	\$24,173	\$360,016	\$2,854,640
2024	\$330,083	\$16,682	\$9,568	\$356,333	\$20,870	\$683	\$2,637	\$0	\$0	\$24,189	\$380,522	\$3,012,755
2025	\$350,184	\$17,481	\$9,651	\$377,315	\$20,870	\$700	\$2,637	\$0	\$0	\$24,206	\$401,522	\$3,171,851
2026	\$365,909	\$17,915	\$9,736	\$393,561	\$20,870	\$717	\$2,637	\$0	\$0	\$24,224	\$417,784	\$3,329,110
2027	\$382,781	\$18,366	\$9,823	\$410,970	\$20,870	\$735	\$2,637	\$0	\$0	\$24,242	\$435,212	\$3,485,326
2028	\$400,265	\$18,834	\$9,913	\$429,012	\$20,870	\$753	\$2,637	\$0	\$0	\$24,260	\$453,272	\$3,640,277
2029	\$418,389	\$19,308	\$10,004	\$447,701	\$20,870	\$772	\$2,637	\$0	\$0	\$24,279	\$471,980	\$3,793,940
2030	\$437,723	\$19,794	\$10,098	\$467,616	\$20,870	\$792	\$2,637	\$0	\$0	\$24,298	\$491,914	\$3,946,466
2031	\$457,994	\$20,295	\$10,194	\$488,483	\$20,870	\$811	\$2,637	\$0	\$0	\$24,318	\$512,801	\$4,097,898
2032	\$479,167	\$20,805	\$10,293	\$510,265	\$20,870	\$832	\$2,637	\$0	\$0	\$24,338	\$534,603	\$4,248,250
2033	\$501,349	\$21,329	\$10,394	\$533,071	\$20,870	\$853	\$2,637	\$0	\$0	\$24,359	\$557,430	\$4,397,557
2034	\$524,545	\$21,866	\$10,497	\$556,907	\$20,870	\$874	\$2,637	\$0	\$0	\$24,380	\$581,288	\$4,545,839
2035	\$548,824	\$22,416	\$10,603	\$581,843	\$20,870	\$896	\$2,637	\$0	\$0	\$24,402	\$606,245	\$4,693,124

Table E.1-20 Expansion Plan Economic Summary - With Joint IGCC in 2012

Case Description	
Fuel Forecast:	Base Case
Load Forecast:	Base Case

Economic Parameters	
CPW Discount Rate:	5.0%
Final Capital Escalation Rate:	2.5%
Base Year for CPW \$	2006

Financial Parameters	
Interest During Construction:	5.00%
Fixed Charge Rate CT: (20 year)	8.97%
Fixed Charge Rate CC: (25 year)	7.92%
Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
JOINT IGCC	477,164	53	05/01/12	588,392	42,682
GE LMS100 SC	74,256	17	05/01/16	97,483	8,746
GE LM6000 SC	45,360	12	05/01/22	68,709	6,165

Year	Production Cost				Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)			
		Variable (\$1,000)	Fixed (\$1,000)										
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029	
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662	
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785	
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051	
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760	
2011	\$152,718	\$8,496	\$0	\$161,213	\$0	\$0	\$0	\$990	\$0	\$990	\$162,203	\$1,059,850	
2012	\$135,338	\$12,501	\$5,244	\$153,083	\$28,571	\$508	\$1,686	\$0	\$0	\$30,764	\$183,847	\$1,197,040	
2013	\$132,339	\$14,428	\$6,007	\$154,775	\$42,682	\$520	\$2,528	\$0	\$0	\$45,731	\$200,505	\$1,339,535	
2014	\$141,348	\$14,975	\$6,208	\$164,531	\$42,682	\$533	\$2,528	\$0	\$0	\$45,744	\$210,275	\$1,481,857	
2015	\$153,408	\$15,501	\$8,413	\$177,322	\$42,682	\$547	\$2,528	\$0	\$0	\$45,757	\$223,078	\$1,625,655	
2016	\$160,007	\$16,153	\$9,590	\$185,750	\$48,537	\$560	\$2,528	\$0	\$0	\$51,625	\$237,375	\$1,771,383	
2017	\$169,354	\$16,870	\$10,315	\$196,538	\$51,428	\$574	\$2,528	\$0	\$0	\$54,531	\$251,069	\$1,918,178	
2018	\$179,382	\$17,495	\$10,573	\$207,450	\$51,428	\$589	\$2,528	\$0	\$0	\$54,545	\$261,995	\$2,064,066	
2019	\$193,244	\$18,154	\$10,837	\$222,234	\$51,428	\$603	\$2,528	\$0	\$0	\$54,560	\$276,794	\$2,210,856	
2020	\$205,633	\$18,824	\$11,108	\$235,565	\$51,428	\$618	\$2,528	\$0	\$0	\$54,575	\$290,140	\$2,357,396	
2021	\$218,289	\$19,490	\$11,386	\$249,164	\$51,428	\$634	\$2,528	\$0	\$0	\$54,590	\$303,754	\$2,503,507	
2022	\$229,900	\$20,230	\$12,738	\$262,869	\$55,566	\$650	\$2,528	\$0	\$0	\$58,744	\$321,613	\$2,650,842	
2023	\$244,830	\$20,964	\$13,593	\$279,387	\$57,593	\$666	\$2,528	\$0	\$0	\$60,787	\$340,174	\$2,799,259	
2024	\$265,846	\$22,043	\$13,933	\$301,822	\$57,593	\$683	\$2,528	\$0	\$0	\$60,804	\$362,626	\$2,949,937	
2025	\$283,669	\$22,818	\$14,281	\$320,768	\$57,593	\$700	\$2,528	\$0	\$0	\$60,821	\$381,588	\$3,100,945	
2026	\$295,573	\$23,389	\$14,638	\$333,601	\$57,593	\$717	\$2,528	\$0	\$0	\$60,838	\$394,439	\$3,249,605	
2027	\$307,960	\$23,974	\$15,004	\$346,939	\$57,593	\$735	\$2,528	\$0	\$0	\$60,856	\$407,795	\$3,395,980	
2028	\$321,987	\$24,575	\$15,379	\$361,942	\$57,593	\$753	\$2,528	\$0	\$0	\$60,874	\$422,816	\$3,540,519	
2029	\$337,089	\$25,191	\$15,764	\$378,044	\$57,593	\$772	\$2,528	\$0	\$0	\$60,893	\$438,937	\$3,683,425	
2030	\$352,598	\$25,821	\$16,158	\$394,577	\$57,593	\$792	\$2,528	\$0	\$0	\$60,913	\$455,490	\$3,824,657	
2031	\$368,811	\$26,466	\$16,562	\$411,839	\$57,593	\$811	\$2,528	\$0	\$0	\$60,932	\$472,772	\$3,964,268	
2032	\$385,801	\$27,129	\$16,976	\$429,906	\$57,593	\$832	\$2,528	\$0	\$0	\$60,953	\$490,859	\$4,102,317	
2033	\$403,596	\$27,809	\$17,400	\$448,805	\$57,593	\$852	\$2,528	\$0	\$0	\$60,973	\$509,778	\$4,238,861	
2034	\$422,194	\$28,505	\$17,835	\$468,534	\$57,593	\$874	\$2,528	\$0	\$0	\$60,995	\$529,529	\$4,373,940	
2035	\$440,450	\$29,290	\$18,281	\$488,021	\$57,593	\$896	\$2,528	\$0	\$0	\$61,017	\$549,038	\$4,507,327	

Table E.6-21 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Second PC Unit Available

Case Description	
Fuel Forecast:	Base Case
Load Forecast:	Base Case

Economic Parameters	
CPW Discount Rate:	5.0%
Final Capital Escalation Rate:	2.5%
Base Year for CPW \$	2006

Financial Parameters	
Interest During Construction:	5.00%
Fixed Charge Rate CT: (20 year)	8.97%
Fixed Charge Rate CC: (25 year)	7.92%
Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
TEC	NA	NA	05/01/12	421,860	30,602	
SECOND PC	NA	NA	05/01/16	465,177	33,744	

Year	Production Cost				Capital Cost and Other Project Costs							Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)	Total System Cost (\$1,000)	
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,718	\$8,496	\$0	\$161,213	\$0	\$0	\$0	\$990	\$0	\$990	\$162,203	\$1,059,850
2012	\$145,934	\$7,789	\$2,869	\$156,592	\$20,485	\$508	\$1,483	\$0	\$309	\$22,784	\$179,376	\$1,193,704
2013	\$143,713	\$7,710	\$4,380	\$155,803	\$30,602	\$520	\$2,225	\$0	\$482	\$33,829	\$189,632	\$1,328,471
2014	\$152,920	\$8,073	\$4,490	\$165,483	\$30,602	\$533	\$2,225	\$0	\$504	\$33,863	\$199,346	\$1,463,396
2015	\$164,843	\$8,450	\$4,602	\$177,896	\$30,602	\$547	\$2,225	\$0	\$527	\$33,899	\$211,795	\$1,599,922
2016	\$152,967	\$7,812	\$7,884	\$168,663	\$53,190	\$1,120	\$3,708	\$0	\$891	\$58,909	\$227,572	\$1,739,631
2017	\$151,477	\$7,842	\$9,670	\$168,990	\$64,346	\$1,148	\$4,449	\$0	\$1,107	\$71,051	\$240,040	\$1,879,977
2018	\$158,752	\$8,295	\$9,912	\$176,959	\$64,346	\$1,177	\$4,449	\$0	\$1,157	\$71,129	\$248,089	\$2,018,123
2019	\$169,417	\$8,679	\$10,160	\$188,256	\$64,346	\$1,207	\$4,449	\$0	\$1,209	\$71,211	\$259,467	\$2,155,723
2020	\$181,087	\$9,076	\$10,414	\$200,577	\$64,346	\$1,237	\$4,449	\$0	\$1,264	\$71,295	\$271,872	\$2,293,037
2021	\$190,444	\$9,483	\$10,674	\$210,601	\$64,346	\$1,268	\$4,449	\$0	\$1,321	\$71,383	\$281,984	\$2,428,676
2022	\$198,835	\$9,910	\$10,941	\$219,686	\$64,346	\$1,299	\$4,449	\$0	\$1,380	\$71,474	\$291,161	\$2,562,060
2023	\$211,594	\$10,359	\$11,215	\$233,167	\$64,346	\$1,332	\$4,449	\$0	\$1,442	\$71,569	\$304,736	\$2,695,016
2024	\$236,636	\$11,687	\$11,495	\$259,818	\$64,346	\$1,365	\$4,449	\$0	\$1,507	\$71,667	\$331,485	\$2,832,755
2025	\$252,558	\$12,191	\$11,782	\$276,532	\$64,346	\$1,399	\$4,449	\$0	\$1,575	\$71,769	\$348,301	\$2,970,589
2026	\$262,837	\$12,498	\$12,077	\$287,412	\$64,346	\$1,434	\$4,449	\$0	\$1,646	\$71,875	\$359,286	\$3,106,000
2027	\$271,278	\$12,810	\$12,379	\$296,467	\$64,346	\$1,470	\$4,449	\$0	\$1,720	\$71,985	\$368,452	\$3,238,253
2028	\$283,746	\$13,131	\$12,688	\$309,566	\$64,346	\$1,507	\$4,449	\$0	\$1,797	\$72,099	\$381,664	\$3,368,725
2029	\$295,770	\$13,459	\$13,006	\$322,234	\$64,346	\$1,544	\$4,449	\$0	\$1,878	\$72,217	\$394,452	\$3,497,147
2030	\$308,108	\$13,796	\$13,331	\$335,235	\$64,346	\$1,583	\$4,449	\$0	\$1,963	\$72,341	\$407,575	\$3,623,523
2031	\$321,001	\$14,141	\$13,664	\$348,807	\$64,346	\$1,623	\$4,449	\$0	\$2,051	\$72,468	\$421,275	\$3,747,927
2032	\$334,527	\$14,495	\$14,006	\$363,028	\$64,346	\$1,663	\$4,449	\$0	\$2,143	\$72,601	\$435,630	\$3,870,444
2033	\$347,832	\$14,954	\$14,356	\$377,142	\$64,346	\$1,705	\$4,449	\$0	\$2,240	\$72,739	\$449,861	\$3,990,944
2034	\$362,629	\$15,328	\$14,715	\$392,671	\$64,346	\$1,747	\$4,449	\$0	\$2,341	\$72,883	\$465,554	\$4,109,703
2035	\$378,143	\$15,711	\$15,082	\$408,937	\$64,346	\$1,791	\$4,449	\$0	\$2,446	\$73,032	\$481,968	\$4,226,796

Table E.1-22 Expansion Plan Economic Summary - Without Taylor Energy Center - All Gas

Year	Case Description	Case Description		Economic Parameters		Financial Parameters		Capital Cost and Other Project Costs										Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)
		Fuel Forecast	Load Forecast	Base Case	Base Case	CPW Discount Rate:	Final Capital Escalation Rate:	Interest During Construction:	Fixed Charge Rate CT: (20 year)	Fixed Charge Rate CC: (25 year)	Fixed Charge Rate Coak: (30 year)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)			
		Base Case	Base Case	5.0%	2.5%	5.00%	8.97%	7.92%	7.25%										
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)														
GE LMS100 SC	74,256	17	05/01/11	86,157	7,730														
GE 7FA SC	84,784	14	05/01/16	110,969	9,956														
GE LMS100 SC	74,256	17	05/01/21	110,288	9,895														
Fuel and Energy Cost (\$1,000)	Variable (\$1,000)	Fixed (\$1,000)	Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)	Total System Cost (\$1,000)	Cumulative Present Worth (\$1,000)								
2006	\$232,683	\$5,346	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	(\$1,000)								
2007	\$232,226	\$5,739	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662								
2008	\$193,920	\$6,872	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785								
2009	\$168,573	\$7,694	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$795,051								
2010	\$154,375	\$8,148	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$832,760								
2011	\$152,448	\$8,614	\$161,062	\$5,189	\$0	\$0	\$0	\$0	\$5,189	\$166,251	\$1,063,691								
2012	\$161,186	\$9,007	\$170,193	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$177,923	\$1,197,434								
2013	\$172,037	\$9,465	\$181,502	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$189,232	\$1,332,867								
2014	\$183,161	\$1,337	\$184,498	\$7,730	\$0	\$0	\$0	\$0	\$7,730	\$192,228	\$1,469,690								
2015	\$195,653	\$1,405	\$197,058	\$14,395	\$0	\$0	\$0	\$0	\$14,395	\$211,453	\$1,608,340								
2016	\$205,035	\$2,472	\$207,507	\$17,686	\$0	\$0	\$0	\$0	\$17,686	\$225,193	\$1,751,449								
2017	\$216,606	\$3,051	\$219,657	\$17,686	\$0	\$0	\$0	\$0	\$17,686	\$242,839	\$1,898,495								
2018	\$232,389	\$3,128	\$235,517	\$17,686	\$0	\$0	\$0	\$0	\$17,686	\$260,505	\$2,046,600								
2019	\$247,366	\$3,206	\$250,572	\$17,686	\$0	\$0	\$0	\$0	\$17,686	\$278,191	\$2,195,881								
2020	\$262,587	\$3,286	\$265,873	\$24,328	\$0	\$0	\$0	\$0	\$24,328	\$302,501	\$2,346,307								
2021	\$276,797	\$4,107	\$280,904	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$330,085	\$2,500,128								
2022	\$292,732	\$4,599	\$297,331	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$357,666	\$2,655,902								
2023	\$311,401	\$5,263	\$316,664	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$385,247	\$2,812,749								
2024	\$351,804	\$5,382	\$357,186	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$412,828	\$2,970,747								
2025	\$367,529	\$5,516	\$373,045	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$440,409	\$3,129,690								
2026	\$384,387	\$5,654	\$390,041	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$467,990	\$3,287,201								
2027	\$401,841	\$5,796	\$407,637	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$495,571	\$3,443,468								
2028	\$419,946	\$5,940	\$425,886	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$523,152	\$3,598,459								
2029	\$439,289	\$6,089	\$445,378	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$550,733	\$3,752,161								
2030	\$458,511	\$6,241	\$464,752	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$578,314	\$3,904,731								
2031	\$478,946	\$6,397	\$485,343	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$605,895	\$4,054,662								
2032	\$499,662	\$6,557	\$506,219	\$27,581	\$0	\$0	\$0	\$0	\$27,581	\$633,476	\$4,202,868								
2033	\$520,800	\$6,721	\$527,521	\$19,851	\$0	\$0	\$0	\$0	\$19,851	\$651,057	\$4,349,125								
2034	\$542,960	\$20,914	\$563,874	\$19,851	\$0	\$0	\$0	\$0	\$19,851	\$670,928	\$4,496,450								
2035	\$550,166	\$21,438	\$571,604	\$19,851	\$0	\$0	\$0	\$0	\$19,851	\$690,799	\$4,641,862								

Table E.1-23 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 - Direct-Fired Biomass in 2011

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Unit Addition	Generation Additions				
	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
BIOMASS	84,555	NA	05/01/11	96,446	6,996
TEC	NA	NA	05/01/12	421,860	30,602
GE LMS100 SC	74,256	17	05/01/17	99,915	8,964
GE LM6000 SC	45,360	12	05/01/24	72,191	6,477

Year	Production Cost				Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Biomass Fuel, VOM, & FOM Cost (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)			
		Variable (\$1,000)	Fixed (\$1,000)										
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029	
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662	
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785	
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051	
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760	
2011	\$146,321	\$8,053	\$0	\$154,374	\$4,696	\$0	\$0	\$7,881	\$0	\$12,577	\$166,950	\$1,063,570	
2012	\$134,778	\$7,117	\$2,869	\$144,763	\$27,481	\$508	\$1,483	\$12,034	\$309	\$41,815	\$186,578	\$1,202,797	
2013	\$132,483	\$7,040	\$4,380	\$143,903	\$37,598	\$520	\$2,225	\$12,335	\$482	\$53,160	\$197,063	\$1,342,846	
2014	\$140,864	\$7,383	\$4,490	\$152,736	\$37,598	\$533	\$2,225	\$12,643	\$504	\$53,503	\$206,239	\$1,482,437	
2015	\$153,061	\$7,748	\$4,602	\$165,411	\$37,598	\$547	\$2,225	\$12,960	\$527	\$53,855	\$219,266	\$1,623,778	
2016	\$160,941	\$8,087	\$4,717	\$173,745	\$37,598	\$560	\$2,225	\$13,283	\$550	\$54,217	\$227,962	\$1,763,726	
2017	\$167,829	\$8,630	\$5,826	\$182,285	\$43,615	\$574	\$2,225	\$13,616	\$575	\$60,605	\$242,889	\$1,905,739	
2018	\$176,450	\$9,082	\$6,469	\$192,001	\$46,562	\$589	\$2,225	\$13,956	\$601	\$63,932	\$255,934	\$2,048,252	
2019	\$188,915	\$9,501	\$6,631	\$205,047	\$46,562	\$603	\$2,225	\$14,305	\$628	\$64,323	\$269,370	\$2,191,105	
2020	\$201,272	\$9,977	\$6,797	\$218,046	\$46,562	\$618	\$2,225	\$14,662	\$656	\$64,724	\$282,770	\$2,333,923	
2021	\$213,468	\$10,427	\$6,967	\$230,862	\$46,562	\$634	\$2,225	\$15,029	\$686	\$65,136	\$295,997	\$2,476,302	
2022	\$225,061	\$10,835	\$7,141	\$243,037	\$46,562	\$650	\$2,225	\$15,405	\$717	\$65,558	\$308,595	\$2,617,673	
2023	\$239,764	\$11,383	\$7,319	\$258,467	\$46,562	\$666	\$2,225	\$15,790	\$749	\$65,992	\$324,458	\$2,759,233	
2024	\$258,339	\$12,482	\$8,624	\$279,445	\$50,898	\$683	\$2,225	\$16,185	\$783	\$70,772	\$350,218	\$2,904,756	
2025	\$273,891	\$13,049	\$9,404	\$296,344	\$53,039	\$700	\$2,225	\$16,589	\$818	\$73,371	\$369,714	\$3,051,064	
2026	\$285,607	\$13,376	\$9,639	\$308,622	\$53,039	\$717	\$2,225	\$17,004	\$855	\$73,840	\$382,462	\$3,195,210	
2027	\$296,802	\$13,711	\$9,880	\$320,393	\$53,039	\$735	\$2,225	\$17,429	\$893	\$74,321	\$394,714	\$3,336,890	
2028	\$309,646	\$14,081	\$10,127	\$333,854	\$53,039	\$753	\$2,225	\$17,865	\$933	\$74,815	\$408,669	\$3,476,593	
2029	\$323,221	\$14,433	\$10,380	\$348,034	\$53,039	\$772	\$2,225	\$18,311	\$975	\$75,323	\$423,357	\$3,614,426	
2030	\$337,440	\$14,795	\$10,639	\$366,874	\$53,039	\$792	\$2,225	\$18,769	\$1,019	\$75,844	\$438,718	\$3,750,458	
2031	\$352,302	\$15,166	\$10,905	\$378,373	\$53,039	\$811	\$2,225	\$19,238	\$1,065	\$76,379	\$454,752	\$3,884,748	
2032	\$367,875	\$15,546	\$11,178	\$394,599	\$53,039	\$832	\$2,225	\$19,719	\$1,113	\$76,928	\$471,526	\$4,017,360	
2033	\$384,190	\$15,935	\$11,457	\$411,582	\$53,039	\$852	\$2,225	\$20,212	\$1,163	\$77,492	\$489,074	\$4,148,358	
2034	\$401,255	\$16,334	\$11,744	\$429,333	\$53,039	\$874	\$2,225	\$20,718	\$1,215	\$78,071	\$507,403	\$4,277,793	
2035	\$419,154	\$16,745	\$12,037	\$447,935	\$53,039	\$896	\$2,225	\$21,236	\$1,270	\$78,665	\$526,601	\$4,405,729	

Table E.1-24 Expansion Plan Economic Summary - Without Taylor Energy Center - Direct-Fired Biomass in 2011

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
BIOMASS	84,555		05/01/11	96,446	6,996
GE LM6000 SC	45,360	12	05/01/12	53,678	4,816
250 MW CFB	679,200	44	05/01/15	893,768	64,834

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Biomass Fuel, VOM, & FOM (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$146,321	\$8,053	\$0	\$154,374	\$4,696	\$0	\$0	\$7,881	\$0	\$12,577	\$166,950	\$1,063,570
2012	\$152,525	\$8,208	\$834	\$161,567	\$10,220	\$0	\$0	\$12,034	\$0	\$22,254	\$183,821	\$1,200,740
2013	\$161,055	\$8,582	\$1,274	\$170,911	\$11,812	\$0	\$0	\$12,335	\$0	\$24,147	\$195,058	\$1,339,364
2014	\$171,745	\$8,968	\$1,306	\$182,019	\$11,812	\$0	\$0	\$12,643	\$0	\$24,456	\$206,475	\$1,479,114
2015	\$152,617	\$11,322	\$9,353	\$173,293	\$55,331	\$0	\$0	\$12,960	\$0	\$68,290	\$241,583	\$1,634,841
2016	\$148,547	\$12,654	\$13,610	\$174,812	\$76,646	\$0	\$0	\$13,283	\$0	\$89,930	\$264,742	\$1,797,369
2017	\$156,431	\$13,176	\$13,951	\$183,557	\$76,646	\$0	\$0	\$13,616	\$0	\$90,262	\$273,819	\$1,957,466
2018	\$165,727	\$13,692	\$14,300	\$193,718	\$76,646	\$0	\$0	\$13,956	\$0	\$90,602	\$284,320	\$2,115,786
2019	\$177,314	\$14,232	\$14,657	\$206,204	\$76,646	\$0	\$0	\$14,305	\$0	\$90,951	\$297,155	\$2,273,373
2020	\$187,820	\$14,792	\$15,023	\$217,636	\$76,646	\$0	\$0	\$14,662	\$0	\$91,309	\$308,944	\$2,429,411
2021	\$198,294	\$15,369	\$15,399	\$229,062	\$76,646	\$0	\$0	\$15,029	\$0	\$91,675	\$320,737	\$2,583,691
2022	\$208,597	\$15,968	\$15,784	\$240,349	\$76,646	\$0	\$0	\$15,405	\$0	\$92,051	\$332,400	\$2,735,967
2023	\$224,634	\$16,590	\$16,179	\$257,403	\$76,646	\$0	\$0	\$15,790	\$0	\$92,436	\$349,839	\$2,888,601
2024	\$247,436	\$17,622	\$16,583	\$281,642	\$76,646	\$0	\$0	\$16,185	\$0	\$92,831	\$374,472	\$3,044,202
2025	\$262,547	\$18,354	\$16,998	\$297,899	\$76,646	\$0	\$0	\$16,589	\$0	\$93,235	\$391,135	\$3,198,987
2026	\$273,189	\$18,813	\$17,423	\$309,425	\$76,646	\$0	\$0	\$17,004	\$0	\$93,650	\$403,075	\$3,350,902
2027	\$285,298	\$19,285	\$17,858	\$322,441	\$76,646	\$0	\$0	\$17,429	\$0	\$94,075	\$416,516	\$3,500,407
2028	\$297,512	\$19,767	\$18,305	\$335,584	\$76,646	\$0	\$0	\$17,865	\$0	\$94,511	\$430,095	\$3,647,435
2029	\$310,154	\$20,261	\$18,762	\$349,177	\$76,646	\$0	\$0	\$18,311	\$0	\$94,958	\$444,134	\$3,792,032
2030	\$323,681	\$20,771	\$19,231	\$363,683	\$76,646	\$0	\$0	\$18,769	\$0	\$95,415	\$459,098	\$3,934,384
2031	\$337,710	\$21,291	\$19,712	\$378,713	\$76,646	\$0	\$0	\$19,236	\$0	\$95,885	\$474,598	\$4,074,534
2032	\$352,437	\$21,840	\$20,205	\$394,482	\$73,422	\$0	\$0	\$19,719	\$0	\$93,142	\$487,624	\$4,211,674
2033	\$368,754	\$22,409	\$20,710	\$411,873	\$71,830	\$0	\$0	\$20,212	\$0	\$92,043	\$503,915	\$4,346,647
2034	\$384,912	\$22,971	\$21,228	\$429,111	\$71,830	\$0	\$0	\$20,718	\$0	\$92,548	\$521,859	\$4,479,718
2035	\$401,861	\$23,545	\$21,758	\$447,164	\$71,830	\$0	\$0	\$21,236	\$0	\$93,066	\$540,230	\$4,610,965

Table E.1-25 Expansion Plan Economic Summary - With Taylor Energy Center in 2012 on PRB

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Coal: (30 year)	7.25%		

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/12	420,804	30,525
GE 7FA SC	84,784	14	05/01/16	110,969	9,956

Year	Production Cost				Capital Cost and Other Project Costs						Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$464,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,718	\$8,496	\$0	\$161,213	\$0	\$0	\$0	\$990	\$0	\$990	\$162,203	\$1,059,850
2012	\$143,682	\$7,804	\$2,869	\$154,355	\$20,433	\$508	\$1,480	\$0	\$308	\$22,729	\$177,085	\$1,191,993
2013	\$141,260	\$7,733	\$4,380	\$153,373	\$30,525	\$520	\$2,220	\$0	\$481	\$33,747	\$187,120	\$1,324,976
2014	\$149,655	\$8,095	\$4,490	\$162,240	\$30,525	\$533	\$2,220	\$0	\$503	\$33,782	\$196,022	\$1,457,651
2015	\$161,813	\$8,473	\$4,602	\$174,888	\$30,525	\$547	\$2,220	\$0	\$526	\$33,817	\$208,706	\$1,592,185
2016	\$170,338	\$9,160	\$5,749	\$185,247	\$37,190	\$560	\$2,220	\$0	\$549	\$40,519	\$225,766	\$1,730,786
2017	\$180,566	\$10,027	\$6,410	\$197,003	\$40,481	\$574	\$2,220	\$0	\$574	\$43,850	\$240,853	\$1,871,607
2018	\$191,604	\$10,511	\$6,571	\$208,686	\$40,481	\$589	\$2,220	\$0	\$600	\$43,890	\$252,576	\$2,012,251
2019	\$204,584	\$11,068	\$6,735	\$222,387	\$40,481	\$603	\$2,220	\$0	\$627	\$43,932	\$266,319	\$2,153,485
2020	\$217,470	\$11,611	\$6,903	\$235,983	\$40,481	\$618	\$2,220	\$0	\$655	\$43,975	\$279,958	\$2,294,883
2021	\$231,778	\$12,196	\$7,076	\$251,050	\$40,481	\$634	\$2,220	\$0	\$685	\$44,020	\$295,070	\$2,436,817
2022	\$244,823	\$12,741	\$7,253	\$264,817	\$40,481	\$650	\$2,220	\$0	\$715	\$44,066	\$308,884	\$2,578,320
2023	\$262,885	\$13,350	\$7,434	\$283,669	\$40,481	\$666	\$2,220	\$0	\$747	\$44,115	\$327,784	\$2,721,331
2024	\$284,521	\$14,409	\$7,620	\$306,550	\$40,481	\$683	\$2,220	\$0	\$781	\$44,165	\$350,715	\$2,867,060
2025	\$302,440	\$15,119	\$7,810	\$325,369	\$40,481	\$700	\$2,220	\$0	\$816	\$44,217	\$369,587	\$3,013,318
2026	\$315,093	\$15,481	\$8,006	\$338,579	\$40,481	\$717	\$2,220	\$0	\$853	\$44,272	\$382,851	\$3,157,610
2027	\$329,500	\$15,862	\$8,206	\$353,568	\$40,481	\$735	\$2,220	\$0	\$891	\$44,328	\$397,895	\$3,300,432
2028	\$344,316	\$16,247	\$8,411	\$368,974	\$40,481	\$753	\$2,220	\$0	\$932	\$44,386	\$413,360	\$3,441,739
2029	\$359,884	\$16,651	\$8,621	\$385,156	\$40,481	\$772	\$2,220	\$0	\$973	\$44,447	\$429,603	\$3,581,606
2030	\$376,268	\$17,062	\$8,837	\$402,167	\$40,481	\$792	\$2,220	\$0	\$1,017	\$44,510	\$446,677	\$3,720,106
2031	\$393,424	\$17,489	\$9,058	\$419,971	\$40,481	\$811	\$2,220	\$0	\$1,063	\$44,576	\$464,546	\$3,857,288
2032	\$411,134	\$17,983	\$9,284	\$438,402	\$40,481	\$832	\$2,220	\$0	\$1,111	\$44,644	\$483,045	\$3,993,140
2033	\$429,944	\$18,433	\$9,516	\$457,894	\$40,481	\$852	\$2,220	\$0	\$1,161	\$44,715	\$502,608	\$4,127,763
2034	\$449,633	\$18,902	\$9,754	\$478,290	\$40,481	\$874	\$2,220	\$0	\$1,213	\$44,788	\$523,078	\$4,261,196
2035	\$470,259	\$19,376	\$9,998	\$499,633	\$40,481	\$896	\$2,220	\$0	\$1,268	\$44,865	\$544,498	\$4,393,480

Table E.1-26 Expansion Plan Economic Summary - With Taylor Energy Center - DSM and DLC

Case Description		Economic Parameters			Financial Parameters		
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%		
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%		
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%		
				Fixed Charge Rate Cost: (30 year)	7.25%		

Generation Additions						
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yyyy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)	
TEC	NA	NA	05/01/12	421,860	30,602	

Year	Production Cost				Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	DSM and DLC Annual Costs (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)			
		Variable (\$1,000)	Fixed (\$1,000)										
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029	
2007	\$231,389	\$5,714	\$0	\$237,103	\$0	\$0	\$4,523	\$0	\$0	\$4,523	\$241,626	\$468,149	
2008	\$192,217	\$6,805	\$0	\$199,023	\$0	\$0	\$6,680	\$0	\$0	\$6,680	\$205,703	\$654,727	
2009	\$166,021	\$7,566	\$0	\$173,586	\$0	\$0	\$8,968	\$0	\$0	\$8,968	\$182,555	\$812,425	
2010	\$150,360	\$7,933	\$0	\$158,293	\$0	\$0	\$11,367	\$0	\$0	\$11,367	\$169,660	\$952,005	
2011	\$147,874	\$8,192	\$0	\$156,067	\$0	\$0	\$13,913	\$0	\$13,913	\$13,913	\$169,979	\$1,085,188	
2012	\$138,585	\$7,366	\$2,869	\$148,819	\$20,485	\$508	\$1,483	\$13,696	\$309	\$36,480	\$185,299	\$1,223,461	
2013	\$134,514	\$7,182	\$4,380	\$146,076	\$30,602	\$520	\$2,225	\$16,242	\$482	\$50,071	\$196,147	\$1,362,859	
2014	\$141,349	\$7,417	\$4,490	\$153,256	\$30,602	\$533	\$2,225	\$16,806	\$504	\$50,668	\$203,925	\$1,500,884	
2015	\$151,045	\$7,653	\$4,602	\$163,300	\$30,602	\$547	\$2,225	\$17,622	\$527	\$51,521	\$214,921	\$1,639,359	
2016	\$156,948	\$7,897	\$4,717	\$169,562	\$30,602	\$560	\$2,225	\$18,157	\$560	\$50,094	\$219,656	\$1,774,209	
2017	\$163,745	\$8,208	\$4,835	\$176,788	\$30,602	\$574	\$2,225	\$16,725	\$575	\$50,700	\$227,488	\$1,907,217	
2018	\$170,639	\$8,487	\$4,956	\$184,082	\$30,602	\$589	\$2,225	\$17,620	\$601	\$51,636	\$235,718	\$2,038,473	
2019	\$180,524	\$8,799	\$5,080	\$194,403	\$30,602	\$603	\$2,225	\$16,411	\$628	\$50,468	\$244,872	\$2,168,334	
2020	\$191,077	\$9,126	\$5,207	\$205,410	\$30,602	\$618	\$2,225	\$17,221	\$656	\$51,322	\$256,732	\$2,298,001	
2021	\$200,603	\$9,454	\$5,337	\$215,394	\$30,602	\$634	\$2,225	\$18,372	\$686	\$52,518	\$267,912	\$2,426,871	
2022	\$209,956	\$9,818	\$5,471	\$225,245	\$30,602	\$650	\$2,225	\$17,620	\$717	\$51,813	\$277,058	\$2,553,794	
2023	\$222,288	\$10,202	\$5,607	\$238,097	\$30,602	\$666	\$2,225	\$19,258	\$749	\$53,500	\$291,597	\$2,681,017	
2024	\$239,976	\$11,239	\$5,748	\$256,962	\$30,602	\$683	\$2,225	\$20,471	\$783	\$54,763	\$311,725	\$2,810,545	
2025	\$253,263	\$11,660	\$5,891	\$270,815	\$30,602	\$700	\$2,225	\$22,212	\$818	\$56,556	\$327,371	\$2,940,097	
2026	\$264,069	\$11,953	\$6,038	\$282,060	\$30,602	\$717	\$2,225	\$22,767	\$855	\$57,165	\$339,226	\$3,067,948	
2027	\$274,311	\$12,254	\$6,189	\$292,754	\$30,602	\$735	\$2,225	\$23,337	\$893	\$57,791	\$350,545	\$3,193,773	
2028	\$286,883	\$12,561	\$6,344	\$305,787	\$30,602	\$753	\$2,225	\$23,920	\$933	\$58,433	\$364,221	\$3,318,282	
2029	\$299,446	\$12,875	\$6,503	\$318,824	\$30,602	\$772	\$2,225	\$24,518	\$975	\$59,992	\$377,916	\$3,441,321	
2030	\$312,597	\$13,198	\$6,665	\$332,460	\$30,602	\$792	\$2,225	\$25,131	\$1,019	\$59,768	\$392,228	\$3,562,938	
2031	\$326,329	\$13,531	\$6,832	\$346,692	\$30,602	\$811	\$2,225	\$25,759	\$1,065	\$60,462	\$407,154	\$3,683,172	
2032	\$340,730	\$13,870	\$7,003	\$361,603	\$30,602	\$832	\$2,225	\$26,403	\$1,113	\$61,174	\$422,777	\$3,802,074	
2033	\$355,818	\$14,217	\$7,178	\$377,213	\$30,602	\$852	\$2,225	\$27,063	\$1,163	\$61,905	\$439,118	\$3,919,691	
2034	\$370,672	\$14,585	\$7,357	\$392,614	\$30,602	\$874	\$2,225	\$27,740	\$1,215	\$62,656	\$455,269	\$4,035,827	
2035	\$387,165	\$14,950	\$7,541	\$409,656	\$30,602	\$896	\$2,225	\$28,433	\$1,270	\$63,425	\$473,081	\$4,150,760	

Table E.1-27 Expansion Plan Economic Summary - Without Taylor Energy Center - DSM and DLC

Year	Fuel and Energy Cost (\$1,000)	Production Cost		Capital Cost and Other Project Costs: DSM and DLC			Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
		Production Cost		Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Annual Costs (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)					
2006	\$232,853	\$5,346	\$0	\$0	\$0	\$4,523	\$238,029	\$238,029
2007	\$231,389	\$5,714	\$0	\$0	\$0	\$6,680	\$241,676	\$468,149
2008	\$192,217	\$6,805	\$0	\$0	\$0	\$182,555	\$205,703	\$654,727
2009	\$169,921	\$7,398	\$0	\$0	\$0	\$169,921	\$182,555	\$812,428
2010	\$147,874	\$8,192	\$0	\$0	\$0	\$13,917	\$169,921	\$958,018
2011	\$156,001	\$8,440	\$0	\$0	\$0	\$13,686	\$178,117	\$1,136,188
2012	\$164,762	\$8,697	\$0	\$0	\$0	\$16,242	\$169,700	\$1,352,833
2013	\$172,977	\$8,962	\$0	\$0	\$0	\$16,806	\$169,745	\$1,487,452
2014	\$181,777	\$9,235	\$0	\$0	\$0	\$17,622	\$208,634	\$1,621,939
2015	\$188,933	\$9,650	\$967	\$0	\$0	\$16,157	\$221,561	\$1,757,958
2016	\$199,568	\$10,103	\$1,476	\$0	\$0	\$16,725	\$236,618	\$1,896,304
2017	\$210,123	\$10,437	\$1,513	\$0	\$0	\$17,620	\$248,440	\$2,034,645
2018	\$222,015	\$10,808	\$2,343	\$0	\$0	\$16,411	\$259,630	\$2,172,279
2019	\$233,882	\$11,192	\$1,580	\$0	\$0	\$17,221	\$271,731	\$2,310,027
2020	\$246,715	\$11,578	\$1,629	\$0	\$0	\$18,372	\$287,041	\$2,448,099
2021	\$260,161	\$12,003	\$1,670	\$0	\$0	\$17,620	\$300,200	\$2,585,624
2022	\$275,381	\$12,448	\$1,712	\$0	\$0	\$19,258	\$317,546	\$2,724,168
2023	\$290,935	\$12,993	\$2,877	\$0	\$0	\$20,471	\$340,358	\$2,865,594
2024	\$307,023	\$13,487	\$3,512	\$0	\$0	\$22,212	\$357,457	\$3,008,634
2025	\$320,669	\$13,926	\$3,800	\$0	\$0	\$22,787	\$376,226	\$3,150,480
2026	\$335,995	\$14,417	\$4,173	\$0	\$0	\$24,910	\$393,143	\$3,291,726
2027	\$350,995	\$14,972	\$4,792	\$0	\$0	\$24,910	\$408,339	\$3,430,729
2028	\$366,749	\$15,583	\$5,187	\$0	\$0	\$24,910	\$423,294	\$3,569,179
2029	\$383,689	\$16,266	\$5,974	\$0	\$0	\$25,131	\$443,294	\$3,706,630
2030	\$401,420	\$16,649	\$4,073	\$0	\$0	\$25,759	\$462,125	\$3,843,086
2031	\$419,959	\$17,042	\$4,175	\$0	\$0	\$26,403	\$481,802	\$3,978,599
2032	\$439,382	\$16,444	\$4,279	\$0	\$0	\$27,003	\$502,392	\$4,113,164
2033	\$459,685	\$16,856	\$4,366	\$0	\$0	\$27,740	\$523,890	\$4,246,805
2034	\$480,938	\$17,279	\$4,436	\$0	\$0	\$28,433	\$546,369	\$4,379,543

Economic Parameters		Financial Parameters	
CPW Discount Rate:	5.0%	Interest During Construction:	5.00%
Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	9.97%
Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%
		Fixed Charge Rate Coal: (30 year)	7.25%

Generation Additions		Levelized Cost	
2006	Construction and Development Period (months)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
74,256	17	97,483	8,746
45,360	12	72,191	6,477

Case Description		Base Case	
Fuel Forecast:	Base Case		
Load Forecast:	Base Case		

Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
GE LMS100 SC	74,256	17	05/01/16	97,483	8,746
GE LM6000 SC	45,360	12	05/01/24	72,191	6,477

Table E.1-28 Expansion Plan Economic Summary - With Taylor Energy Center in May of 2013

Case Description		Economic Parameters			Financial Parameters	
Fuel Forecast:	Base Case	CPW Discount Rate:	5.0%	Interest During Construction:	5.00%	
Load Forecast:	Base Case	Final Capital Escalation Rate:	2.5%	Fixed Charge Rate CT: (20 year)	8.97%	
		Base Year for CPW \$	2006	Fixed Charge Rate CC: (25 year)	7.92%	
				Fixed Charge Rate Coal: (30 year)	7.25%	

Generation Additions					
Unit Addition	2006 Capital Cost (\$1,000)	Construction and Development Period (months)	Month/Day/Year Installed (mm/dd/yy)	Installed Cost (\$1,000)	Levelized Cost (\$1,000)
TEC	NA	NA	05/01/13	432,054	31,341
GE 7FA SC	84,784	14	05/01/16	110,969	9,956

Year	Production Cost			Capital Cost and Other Project Costs							Total System Cost (\$1,000)	Cumulative Present Worth Cost (\$1,000)
	Fuel and Energy Cost (\$1,000)	O&M		Total Production Cost (\$1,000)	Unit Capital Cost (\$1,000)	Community Contribution (\$1,000)	Transmission Charge (\$1,000)	Seasonal Purchase (\$1,000)	Ongoing Capex Cost (\$1,000)	Total Capital Cost (\$1,000)		
		Variable (\$1,000)	Fixed (\$1,000)									
2006	\$232,683	\$5,346	\$0	\$238,029	\$0	\$0	\$0	\$0	\$0	\$0	\$238,029	\$238,029
2007	\$232,226	\$5,739	\$0	\$237,965	\$0	\$0	\$0	\$0	\$0	\$0	\$237,965	\$484,662
2008	\$193,920	\$6,872	\$0	\$200,791	\$0	\$0	\$0	\$0	\$0	\$0	\$200,791	\$646,785
2009	\$168,573	\$7,694	\$0	\$176,267	\$0	\$0	\$0	\$0	\$0	\$0	\$176,267	\$799,051
2010	\$154,375	\$8,148	\$0	\$162,523	\$0	\$0	\$0	\$0	\$0	\$0	\$162,523	\$932,760
2011	\$152,718	\$8,496	\$0	\$161,213	\$0	\$0	\$0	\$990	\$0	\$990	\$162,203	\$1,059,850
2012	\$162,742	\$8,847	\$0	\$171,589	\$0	\$0	\$0	\$1,530	\$0	\$1,530	\$173,119	\$1,189,034
2013	\$155,052	\$8,236	\$2,940	\$166,231	\$166,231	\$21,037	\$520	\$1,483	\$0	\$318	\$23,356	\$1,323,772
2014	\$152,920	\$8,073	\$4,490	\$165,483	\$31,341	\$533	\$2,225	\$0	\$494	\$34,593	\$200,076	\$1,459,191
2015	\$164,843	\$8,450	\$4,602	\$177,896	\$31,341	\$547	\$2,225	\$0	\$517	\$34,629	\$212,525	\$1,596,186
2016	\$172,799	\$9,135	\$5,749	\$187,684	\$38,006	\$560	\$2,225	\$0	\$540	\$41,330	\$229,014	\$1,736,781
2017	\$181,929	\$10,001	\$6,410	\$198,341	\$41,297	\$574	\$2,225	\$0	\$564	\$44,660	\$243,001	\$1,878,859
2018	\$191,820	\$10,485	\$6,571	\$208,875	\$41,297	\$589	\$2,225	\$0	\$590	\$44,700	\$253,575	\$2,020,059
2019	\$204,731	\$11,032	\$6,735	\$222,497	\$41,297	\$603	\$2,225	\$0	\$616	\$44,741	\$267,239	\$2,161,781
2020	\$218,249	\$11,583	\$6,903	\$236,735	\$41,297	\$618	\$2,225	\$0	\$644	\$44,784	\$281,519	\$2,303,967
2021	\$231,430	\$12,167	\$7,076	\$250,673	\$41,297	\$634	\$2,225	\$0	\$673	\$44,828	\$295,501	\$2,446,109
2022	\$243,848	\$12,719	\$7,253	\$263,820	\$41,297	\$650	\$2,225	\$0	\$703	\$44,875	\$308,694	\$2,587,525
2023	\$259,672	\$13,322	\$7,434	\$280,428	\$41,297	\$666	\$2,225	\$0	\$735	\$44,922	\$325,350	\$2,729,474
2024	\$281,843	\$14,371	\$7,620	\$303,834	\$41,297	\$683	\$2,225	\$0	\$768	\$44,972	\$348,806	\$2,874,410
2025	\$299,095	\$15,082	\$7,810	\$321,987	\$41,297	\$700	\$2,225	\$0	\$802	\$45,024	\$367,011	\$3,019,649
2026	\$311,914	\$15,449	\$8,006	\$335,369	\$41,297	\$717	\$2,225	\$0	\$838	\$45,077	\$380,446	\$3,163,095
2027	\$324,297	\$15,830	\$8,206	\$348,332	\$41,297	\$735	\$2,225	\$0	\$876	\$45,133	\$393,465	\$3,304,266
2028	\$338,103	\$16,214	\$8,411	\$363,729	\$41,297	\$753	\$2,225	\$0	\$915	\$45,191	\$408,920	\$3,444,056
2029	\$354,014	\$16,617	\$8,621	\$379,252	\$41,297	\$772	\$2,225	\$0	\$957	\$45,251	\$424,503	\$3,582,262
2030	\$369,652	\$17,028	\$8,837	\$395,516	\$41,297	\$792	\$2,225	\$0	\$1,000	\$45,313	\$440,829	\$3,718,948
2031	\$386,012	\$17,454	\$9,058	\$412,524	\$41,297	\$811	\$2,225	\$0	\$1,045	\$45,378	\$457,902	\$3,854,168
2032	\$402,923	\$17,954	\$9,284	\$430,162	\$41,297	\$832	\$2,225	\$0	\$1,092	\$45,445	\$475,607	\$3,987,928
2033	\$420,874	\$18,404	\$9,516	\$448,794	\$41,297	\$852	\$2,225	\$0	\$1,141	\$45,515	\$494,309	\$4,120,328
2034	\$439,646	\$18,865	\$9,754	\$468,265	\$41,297	\$874	\$2,225	\$0	\$1,192	\$45,588	\$513,853	\$4,251,409
2035	\$459,315	\$19,337	\$9,998	\$488,650	\$41,297	\$896	\$2,225	\$0	\$1,246	\$45,663	\$534,313	\$4,381,218