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COMMISSION
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May 2, 2014

VIA HAND DELIVERY

Ms. Carlotta S. Stauffer
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 140002-EG

REDACTED

Dear Ms. Stauffer:

Enclosed for filing on behalf of Florida Power & Light Company ("FPL") are an original and seven (7) copies of FPL's Request for Confidential Classification of Certain portions of Schedule CT-6 to Exhibit AS-1. The original includes Exhibits A through D. The seven copies do not include copies of the exhibits.

Exhibit A contains the confidential information that is the subject of FPL's Request for Confidential Classification. Exhibit A is submitted for filing separately and marked "**EXHIBIT A**" - **CONFIDENTIAL**. Exhibit B is an edited version of Exhibit A, in which the information FPL asserts is confidential has been redacted. Exhibit C is a justification table in support of FPL's Request for Confidential Classification. Exhibit D contains the Affidavit of Anita Sharma. In accordance with Rule 25-22.006(3)(d), FPL requests confidential treatment of the information in EXHIBIT A pending disposition of FPL's request for Confidential Classification.

Also included herewith is a disc containing FPL's Request for Confidential Classification and Exhibit C in MS Word format.

Please contact me should you or your Staff have any questions regarding this filing.

Sincerely,

Maria J. Moncada

Enclosures
cc: parties of record, w/o exhibits

COM	_____
AFD	_____
APA	_____
ECO	4+C+D+B
ENG	_____
GCL	_____
IDM	_____
TEL	_____
CLK	_____

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

Energy Conservation Cost Recovery Clause

Docket No: 140002-EG

Filed: May 2, 2014

**FLORIDA POWER & LIGHT COMPANY'S REQUEST FOR
CONFIDENTIAL CLASSIFICATION REGARDING CONFIDENTIAL
INFORMATION CONTAINED IN SCHEDULE CT-6 OF TRUE-UP FILING**

Pursuant to Florida Administrative Code Rule 25-22.006 and Section 366.093, Florida Statutes, Florida Power & Light Company ("FPL") requests confidential classification of portions of Schedule CT-6 to Exhibit AS-1 filed on this date with the Commission in Docket No. 140002-EG. FPL respectfully requests that the Commission grant FPL's request for confidential classification for the confidential information identified in Schedule CT-6 for the period of time identified in Section 366.093(4), Florida Statutes, or for such additional time as the Commission may deem appropriate. FPL further requests that if Schedule CT-6 to Exhibit AS-1 is not admitted into the record in this proceeding that said Schedule CT-6 to Exhibit AS-1 be returned to FPL after the close of this proceeding. As grounds for this request, FPL states:

1. FPL includes in its true-up filing a number of cost-effectiveness reports regarding specific customers who qualified for incentives under FPL's Business Custom Incentives ("BCI") Program. This information is included as part of Schedule CT-6 of Exhibit AS-1, which is attached to the testimony of FPL witness Anita Sharma. The inclusion of customer specific cost-effectiveness runs in FPL's ECCR true-up filing is consistent with and is filed in accordance with the requirements of Order No. PSC-93-0472-FOF-EG.

2. A portion of the information FPL has been required to file in Schedule CT-6 to Exhibit AS-1 to comply with Rule 25-17.015(5) constitutes proprietary confidential business information, as is more fully described below.

3. The information in Schedule CT-6 to Exhibit AS-1 for which FPL seeks confidential classification is customer-specific information which relates to customer names.

FPL adheres to a corporate policy which, in the absence of a subpoena, Commission or Court Order, or other similar directive, prohibits the release or disclosure of customer-specific information without the consent of the customer. This policy is consistent with prior Commission decisions on this issue involving the treatment of customer specific information and data. The FPL customers identified in Schedule CT-6 to Exhibit AS-1 referred to herein have not consented to the release of their customer-specific information. In addition, the information for which FPL seeks confidential classification is confidential and proprietary to the customers, the release of which would or could harm the customers' business operations. This information may, in some instances, constitute trade secrets to the customers, and is certainly information relating to the customers' competitive interests, the disclosure of which would or might impair the competitive business of the customers.

4. Information of this nature is proprietary confidential business information within the meaning of Section 366.093(3)(e), Florida Statutes. The Commission has previously determined that the type of information for which FPL seeks protection is proprietary confidential business information. *See, e.g.*, Order No. PSC 12-0595-CFO-EG. As a result, FPL seeks confidential classification of the specified information identified on Schedule CT-6 to Exhibit AS-1 for the period of time identified in Section 366.093(4), Florida Statutes, or for such additional time as the Commission may deem appropriate.

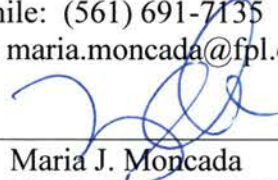
5. To satisfy the requirements of Rule 25-17.006, FPL has prepared four attachments to this request. Attachment A is a copy of Schedule CT-6 to Exhibit AS-1 in which all of the confidential information is highlighted. Attachment B is a copy of Schedule CT-6 in which the confidential information is redacted. Attachment C is a table that identifies the page, line, column or field references to the materials for which FPL requests confidential information; the table also references the statutory bases for the claim of confidentiality and the affidavit in support of the requested classification. Attachment D is the affidavit of Anita Sharma explaining

why the information FPL seeks to prevent from disclosure is confidential. Only the original copy of this request includes Attachments A through D.

WHEREFORE, for the foregoing reasons, FPL respectfully requests that its Request for Confidential Classification be granted, and that the confidential information in Schedule CT-6 be returned to FPL after the close of this proceeding if not admitted into the record.

Respectfully submitted,

John T. Butler, Esq.
Assistant General Counsel-Regulatory
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Email: maria.moncada@fpl.com

By: 

Maria J. Moncada
Florida Bar No. 0773301

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Request for Confidential Classification (*) has been furnished by hand delivery (**) or by U.S. Mail this 2nd day of May, 2014 to the following:

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By: 
Maria J. Moncada

* The exhibits to this Request for Confidential Classification are not included with the service copies, but copies of Exhibits B, C and D are available upon request.

EXHIBIT C

COMPANY: Florida Power & Light Company
TITLE: List of Confidential Exhibits
DOCKET TITLE: Energy Conservation Cost Recovery
DOCKET NO: 140002-EG
DATE: May 2, 2014

Description	Pages	Conf Y/N	Line No.	Florida Statute 366.093 (3) Subsection	Affiant
Exhibit AS-1, Schedule CT-6 Customer Information	1-5 7-18 20-31 33-44 46-57 59-70 72-83 85-96 98-109 111-122 124-135 137-148 150-161 163-174 176-187 189-200 202-213 215-226 228-239 241-247	Y	Line No. 3	(a), (e)	A. Sharma

EXHIBIT D

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

Energy Conservation Cost Recovery Clause

Docket No: 140002-EG

Filed: May 2, 2014

STATE OF FLORIDA)

COUNTY OF MIAMI-DADE)

AFFIDAVIT OF ANITA SHARMA

BEFORE ME, the undersigned authority, this day personally appeared Anita Sharma, who being first duly sworn, deposes and says:

1. My name is Anita Sharma. I am employed by Florida Power & Light Company ("FPL") as Manager of Cost & Performance for Demand Side Management Programs. I have personal knowledge of the matters stated in this affidavit.

2. I have reviewed Exhibits A, B and C to FPL's Request for Confidential Classification of Information included in the prefiled testimony of FPL witness Anita Sharma (Exhibit AS-1). The documents and materials in Exhibit A which are asserted by FPL to be proprietary confidential business concern customer-specific information. FPL has a corporate policy not to disclose customer-specific information. This policy includes, but is not limited to: customer names, addresses, telephone numbers, account numbers, meter numbers, rates, billing determinants (kW and kWh usage), bills, conservation retrofit information, conservation savings in kW, kWh and bills, chiller efficiency reports, costs of equipment retrofits, incentives paid, operating hours, lighting codes for fixtures installed or removed by customers, the kW per fixture of installed or removed fixtures, operating hours of equipment, the payback of conservation installations, and the identity of contractors performing customer specific installations. FPL treats such information as confidential and does not disclose it to entities or persons other than the customer without the permission of the customer, except as required by law. FPL's policy is premised upon customers' right to privacy and the potential that the disclosure of customer specific information may harm some customers' competitive interests or disclose their trade secrets.

3. Consistent with the provisions of the Florida Administrative Code, these documents should remain confidential for a period of not less than 18 months. In addition, they should be returned to FPL as soon as the information is no longer necessary for the Commission to conduct its business, so that FPL can continue to maintain the confidentiality of these documents.

4. Affiant says nothing further.

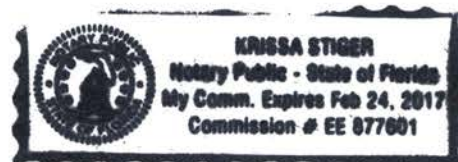
Anita Sharma
Anita Sharma

SWORN TO AND SUBSCRIBED before me this 29th day of April 2014, by Anita Sharma, who is personally known to me and who did take an oath.

Krissa Stiger

Notary Public, State of Florida

My Commission Expires: February 24, 2017



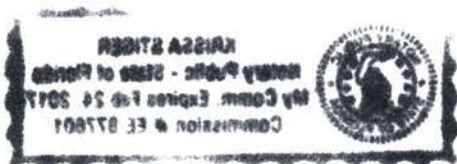


EXHIBIT B

page 1
16-Apr-13

1 INPUT DATA -- PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	29.20 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER	38.68910 kW
(3) KW LINE LOSS PERCENTAGE	7.94 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	132,711.55 kWh
(5) KWH LINE LOSS PERCENTAGE	6.24 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58559
(5) K FACTOR FOR T & D	1.55564

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.29 %
* (11) UTILITY AFUDC RATE	6.69 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	776.56 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	39.32 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	109.68 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.14 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55 % ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.69 CENTS PER kWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES	(2) UTILITY INCENTIVES	(3) OTHER UTILITY COSTS	(4) TOTAL UTILITY PROGRAM COSTS	(5) ENERGY CHARGE REVENUE LOSSES	(6) DEMAND CHARGE REVENUE LOSSES	(7) PARTICIPANT EQUIPMENT COSTS	(8) PARTICIPANT O&M COSTS	(9) OTHER PARTICIPANT COSTS	(10) TOTAL PARTICIPANT COSTS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	2	6	0	8	3	2	40	0	0	40
2014	0	0	0	0	6	4	0	0	0	0
2015	0	0	0	0	6	4	0	0	0	0
2016	0	0	0	0	6	3	0	0	0	0
2017	0	0	0	0	7	4	0	0	0	0
2018	0	0	0	0	9	4	0	0	0	0
2019	2	6	0	8	9	4	46	0	0	46
2020	0	0	0	0	9	4	0	0	0	0
2021	0	0	0	0	10	4	0	0	0	0
2022	0	0	0	0	10	5	0	0	0	0
2023	0	0	0	0	10	4	0	0	0	0
2024	0	0	0	0	11	4	0	0	0	0
2025	2	6	0	8	11	4	53	0	0	53
2026	0	0	0	0	12	4	0	0	0	0
2027	0	0	0	0	12	4	0	0	0	0
2028	0	0	0	0	12	4	0	0	0	0
2029	0	0	0	0	13	4	0	0	0	0
2030	0	0	0	0	13	4	0	0	0	0
2031	2	6	0	8	14	4	62	0	0	62
2032	0	0	0	0	14	4	0	0	0	0
2033	0	0	0	0	15	4	0	0	0	0
2034	0	0	0	0	16	5	0	0	0	0
2035	0	0	0	0	16	4	0	0	0	0
2036	0	0	0	0	17	5	0	0	0	0
2037	3	6	0	9	18	5	72	0	0	72
2038	0	0	0	0	19	5	0	0	0	0
2039	0	0	0	0	19	5	0	0	0	0
2040	0	0	0	0	20	5	0	0	0	0
2041	0	0	0	0	20	5	0	0	0	0
2042	0	0	0	0	21	5	0	0	0	0
2043	3	6	0	9	22	5	83	0	0	83
2044	0	0	0	0	23	5	0	0	0	0
2045	0	0	0	0	24	5	0	0	0	0
2046	0	0	0	0	25	5	0	0	0	0
2047	0	0	0	0	26	5	0	0	0	0
2048	0	0	0	0	27	5	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	13	36	0	50	525	155	356	0	0	356
NPV	5	16	0	21	145	54	134	0	0	134

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

page 3

1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_RBQ
3 PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRECI- \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	38	1	0	2	1	1	0	1	0	6	6	37
2020	36	1	0	2	1	1	0	1	1	6	6	38
2021	34	1	0	2	1	1	0	1	0	6	5	39
2022	33	1	0	2	1	1	0	1	0	6	5	40
2023	31	1	0	2	1	1	0	1	0	6	4	41
2024	30	1	0	2	1	1	0	1	0	5	4	42
2025	28	1	0	2	1	1	0	1	0	5	3	43
2026	27	1	0	2	1	1	0	1	0	5	3	44
2027	25	1	0	1	1	0	0	1	0	5	3	45
2028	24	1	0	1	1	0	0	1	0	5	2	46
2029	22	1	0	1	1	0	0	1	0	4	2	47
2030	21	0	0	1	1	0	0	1	0	4	2	49
2031	19	0	0	1	1	0	0	1	0	4	2	50
2032	18	0	0	1	1	0	0	1	0	4	2	51
2033	17	0	0	1	0	0	0	1	0	4	1	52
2034	15	0	0	1	0	0	0	1	0	3	1	54
2035	14	0	0	1	0	0	0	1	0	3	1	55
2036	12	0	0	1	0	0	0	1	0	3	1	56
2037	11	0	0	1	0	0	0	1	0	3	1	58
2038	10	0	0	1	0	0	0	1	0	3	1	59
2039	8	0	0	0	0	0	0	1	(0)	2	1	61
2040	7	0	0	0	1	0	0	1	(0)	2	1	62
2041	6	0	0	0	1	0	0	1	(0)	2	0	64
2042	5	0	0	0	1	0	0	1	(0)	2	0	65
2043	5	0	0	0	1	0	0	1	(0)	2	0	67
2044	4	0	0	0	1	0	0	1	(0)	2	0	69
2045	3	0	0	0	1	0	0	1	(0)	2	0	70
2046	2	0	0	0	1	0	0	1	(0)	2	0	72
2047	2	0	0	0	1	0	0	1	(0)	2	0	74
2048	1	0	0	0	1	0	0	1	(0)	1	0	76

IN SERVICE COST (\$000)	37
IN SERVICE YEAR	2019
BOOKLIFE (YRS)	30
EFFECT. TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	41%	5.50
P/S	0%	0.00
O/S	59%	10.00

K-FACTOR = CPWFC / IN-SVC COST = 1.58559

page 4a

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	1	1	1	1	1	1	0	2	0	0	0	0	(0)
2020	7.22%	3	4	1	2	1	2	1	2	0	0	0	1	0
2021	6.68%	2	6	1	4	1	4	0	2	0	0	0	0	1
2022	6.18%	2	9	1	5	1	5	0	2	0	0	0	0	1
2023	5.71%	2	11	1	6	1	6	0	2	0	0	0	0	1
2024	5.29%	2	13	1	7	1	7	0	2	0	0	0	0	2
2025	4.89%	2	14	1	9	1	8	0	2	0	0	0	0	2
2026	4.52%	2	16	1	10	1	9	0	2	0	0	0	0	2
2027	4.46%	2	18	1	11	1	11	0	2	0	0	0	0	2
2028	4.46%	2	19	1	12	1	12	0	2	0	0	0	0	2
2029	4.46%	2	21	1	14	1	13	0	2	0	0	0	0	3
2030	4.46%	2	23	1	15	1	14	0	2	0	0	0	0	3
2031	4.46%	2	24	1	16	1	15	0	2	0	0	0	0	3
2032	4.46%	2	26	1	17	1	16	0	2	0	0	0	0	3
2033	4.46%	2	28	1	19	1	18	0	2	0	0	0	0	3
2034	4.46%	2	29	1	20	1	19	0	2	0	0	0	0	3
2035	4.46%	2	31	1	21	1	20	0	2	0	0	0	0	4
2036	4.46%	2	32	1	22	1	21	0	2	0	0	0	0	4
2037	4.46%	2	34	1	23	1	22	0	2	0	0	0	0	4
2038	4.46%	2	36	1	25	1	23	0	2	0	0	0	0	4
2039	2.23%	1	36	1	26	1	25	(0)	2	0	0	0	(0)	4
2040	0.00%	0	36	1	27	1	26	(0)	2	0	0	0	(0)	4
2041	0.00%	0	36	1	28	1	27	(0)	2	0	0	0	(0)	3
2042	0.00%	0	36	1	30	1	28	(0)	2	0	0	0	(0)	3
2043	0.00%	0	36	1	31	1	29	(0)	2	0	0	0	(0)	2
2044	0.00%	0	36	1	32	1	30	(0)	2	0	0	0	(0)	2
2045	0.00%	0	36	1	33	1	32	(0)	2	0	0	0	(0)	1
2046	0.00%	0	36	1	35	1	33	(0)	2	0	0	0	(0)	1
2047	0.00%	0	36	1	36	1	34	(0)	2	0	0	0	(0)	0
2048	0.00%	0	36	1	37	1	35	(0)	2	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: RRV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)*	(5b)*	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	\$(000)	\$(000)	\$(000)
2019	3.75%	1	0	36	1	(0)	38	36	37
2020	7.22%	3	1	35	2	0	36	34	35
2021	6.68%	2	0	33	4	1	34	33	34
2022	6.18%	2	0	32	5	1	33	31	32
2023	5.71%	2	0	31	6	1	31	30	30
2024	5.29%	2	0	30	7	2	30	28	29
2025	4.89%	2	0	28	9	2	28	27	27
2026	4.52%	2	0	27	10	2	27	25	26
2027	4.46%	2	0	26	11	2	25	24	24
2028	4.46%	2	0	25	12	2	24	22	23
2029	4.46%	2	0	23	14	3	22	21	22
2030	4.46%	2	0	22	15	3	21	19	20
2031	4.46%	2	0	21	16	3	19	18	19
2032	4.46%	2	0	20	17	3	18	17	17
2033	4.46%	2	0	19	19	3	17	15	16
2034	4.46%	2	0	17	20	3	15	14	15
2035	4.46%	2	0	16	21	4	14	12	13
2036	4.46%	2	0	15	22	4	12	11	12
2037	4.46%	2	0	14	23	4	11	10	10
2038	4.46%	2	0	12	25	4	10	8	9
2039	2.23%	1	(0)	11	26	4	8	7	8
2040	0.00%	0	(0)	10	27	4	7	6	7
2041	0.00%	0	(0)	9	28	3	6	5	6
2042	0.00%	0	(0)	7	30	3	5	5	5
2043	0.00%	0	(0)	6	31	2	5	4	4
2044	0.00%	0	(0)	5	32	2	4	3	4
2045	0.00%	0	(0)	4	33	1	3	2	3
2046	0.00%	0	(0)	2	35	1	2	2	2
2047	0.00%	0	(0)	1	36	0	2	1	1
2048	0.00%	0	(0)	0	37	0	1	0	0

* Column not specified in workbook

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1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/KWh)	AVOIDED MARGINAL FUEL COST (C/KWh)	INCREASED MARGINAL FUEL COST (C/KWh)	REPLACEMENT FUEL COST (C/KWh)	PROGRAM KWh EFFECTIVENESS FACTOR	PROGRAM KWh EFFECTIVENESS FACTOR
2013	1	1	3.53	5.61	3.54	0.00	1.00	1.00
2014	1	1	3.71	5.78	3.72	0.00	1.00	1.00
2015	1	1	3.95	5.72	3.96	0.00	1.00	1.00
2016	1	1	4.36	6.07	4.37	0.00	1.00	1.00
2017	1	1	4.72	6.93	4.73	0.00	1.00	1.00
2018	1	1	5.06	7.59	5.07	0.00	1.00	1.00
2019	1	1	5.41	8.62	5.42	6.13	1.00	1.00
2020	1	1	5.90	9.64	5.91	6.27	1.00	1.00
2021	1	1	6.25	9.42	6.26	6.60	1.00	1.00
2022	1	1	6.52	10.00	6.53	6.78	1.00	1.00
2023	1	1	6.75	9.88	6.76	7.11	1.00	1.00
2024	1	1	7.29	11.07	7.31	7.70	1.00	1.00
2025	1	1	7.92	12.54	7.95	8.43	1.00	1.00
2026	1	1	8.08	12.41	8.10	8.51	1.00	1.00
2027	1	1	8.28	12.62	8.30	8.62	1.00	1.00
2028	1	1	8.36	12.69	8.37	8.63	1.00	1.00
2029	1	1	8.44	12.81	8.46	8.71	1.00	1.00
2030	1	1	8.58	13.00	8.59	8.83	1.00	1.00
2031	1	1	8.61	13.25	8.63	8.83	1.00	1.00
2032	1	1	8.55	12.51	8.57	8.74	1.00	1.00
2033	1	1	8.75	13.52	8.76	9.01	1.00	1.00
2034	1	1	8.80	13.49	8.81	9.06	1.00	1.00
2035	1	1	8.77	12.59	8.79	9.06	1.00	1.00
2036	1	1	8.97	13.94	8.98	9.29	1.00	1.00
2037	1	1	8.95	12.68	8.96	9.32	1.00	1.00
2038	1	1	9.03	12.71	9.04	9.42	1.00	1.00
2039	1	1	9.17	13.28	9.18	9.56	1.00	1.00
2040	1	1	9.20	12.43	9.21	9.63	1.00	1.00
2041	1	1	9.31	12.85	9.32	9.83	1.00	1.00
2042	1	1	9.47	13.30	9.48	10.07	1.00	1.00
2043	1	1	9.55	12.84	9.56	10.20	1.00	1.00
2044	1	1	9.64	13.15	9.65	10.38	1.00	1.00
2045	1	1	9.75	13.33	9.76	10.55	1.00	1.00
2046	1	1	9.85	13.14	9.86	10.70	1.00	1.00
2047	1	1	9.98	13.17	9.99	10.87	1.00	1.00
2048	1	1	10.14	13.45	10.15	11.09	1.00	1.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	6	5	0	9	11	9
2020	6	5	0	16	20	8
2021	6	5	0	17	21	8
2022	6	5	0	19	21	9
2023	6	5	0	19	22	9
2024	5	6	0	20	23	8
2025	5	6	0	22	26	7
2026	5	6	0	23	26	7
2027	5	6	0	24	27	7
2028	5	6	0	24	27	8
2029	4	6	0	25	28	8
2030	4	6	0	25	28	8
2031	4	7	0	26	28	8
2032	4	7	0	26	28	9
2033	4	7	0	27	29	9
2034	3	7	0	27	29	9
2035	3	7	0	28	29	9
2036	3	7	0	28	30	9
2037	3	8	0	29	30	10
2038	3	8	0	29	30	10
2039	2	8	0	30	31	10
2040	2	8	0	30	31	10
2041	2	8	0	31	32	10
2042	2	9	0	31	33	10
2043	2	9	0	32	33	10
2044	2	9	0	33	34	10
2045	2	9	0	33	34	11
2046	2	10	0	34	35	11
2047	2	10	0	34	35	11
2048	1	10	0	35	36	11
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NDM	109	216	9	785	848	272
NPV	38	54	2	193	215	73

3 PROGRAM NAME: [REDACTED]

NOM	162	212	89	0	40
NPV	26	33	15	0	7

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1      TOTAL RESOURCE COST TEST
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ████████████████████

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Discount Rate:

Benefit/Cost Ratio (Col(11) / Col(6)) :

7.29	%
1.97	

1 RATE IMPACT TEST
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

Benefit/Cost Ratio (Col(12) / Col(7)) :

7.29 2

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page 1
16-Apr-13

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	87.00 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER	115.28811 kW
(3) KW LINE LOSS PERCENTAGE	7.94 %
(4) GENERATOR KW _h REDUCTION PER CUSTOMER	911,840.62 kWh
(5) KW _h LINE LOSS PERCENTAGE	6.24 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KW _h INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58559
(5) K FACTOR FOR T & D	1.55564

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.29 %
* (11) UTILITY AFUDC RATE	6.69 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	776.56 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	39.32 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	109.68 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.14 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.69 CENTS PER kWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	UTILITY PROGRAM COSTS WITHOUT INCENTIVES	UTILITY INCENTIVES	OTHER UTILITY COSTS	TOTAL UTILITY PROGRAM COSTS	ENERGY CHARGE REVENUE LOSSES	DEMAND CHARGE REVENUE LOSSES	PARTICIPANT EQUIPMENT COSTS	PARTICIPANT O&M COSTS	OTHER PARTICIPANT COSTS	TOTAL PARTICIPANT COSTS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2013	0	18	0	18	19	7	625	0	0	625
2014	0	0	0	0	37	14	0	0	0	0
2015	0	0	0	0	38	14	0	0	0	0
2016	0	0	0	0	39	14	0	0	0	0
2017	0	0	0	0	44	15	0	0	0	0
2018	0	0	0	0	55	15	0	0	0	0
2019	0	0	0	0	58	16	0	0	0	0
2020	0	0	0	0	60	17	0	0	0	0
2021	0	0	0	0	63	17	0	0	0	0
2022	0	0	0	0	66	18	0	0	0	0
2023	0	0	0	0	66	18	0	0	0	0
2024	0	0	0	0	69	18	0	0	0	0
2025	0	0	0	0	73	17	0	0	0	0
2026	0	0	0	0	75	17	0	0	0	0
2027	0	0	0	0	78	17	0	0	0	0
2028	0	0	0	0	79	17	0	0	0	0
2029	0	0	0	0	82	17	0	0	0	0
2030	0	0	0	0	84	17	0	0	0	0
2031	0	0	0	0	87	17	0	0	0	0
2032	0	0	0	0	91	18	0	0	0	0
2033	0	0	0	0	99	18	0	0	0	0
2034	0	0	0	0	103	18	0	0	0	0
2035	0	0	0	0	106	18	0	0	0	0
2036	0	0	0	0	114	18	0	0	0	0
2037	0	0	0	0	118	18	0	0	0	0
2038	0	18	0	18	121	18	1,130	0	0	1,130
2039	0	0	0	0	126	18	0	0	0	0
2040	0	0	0	0	129	18	0	0	0	0
2041	0	0	0	0	134	19	0	0	0	0
2042	0	0	0	0	138	19	0	0	0	0
2043	0	0	0	0	143	19	0	0	0	0
2044	0	0	0	0	149	19	0	0	0	0
2045	0	0	0	0	156	19	0	0	0	0
2046	0	0	0	0	163	19	0	0	0	0
2047	0	0	0	0	170	19	0	0	0	0
2048	0	0	0	0	178	20	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	1	36	0	36	3,410	619	1,755	0	0	1,755
NPV	0	21	0	21	928	214	820	0	0	820

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	REG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRECI- \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	112	3	0	7	4	2	0	4	0	19	19	19	110
2020	108	2	0	6	2	2	0	4	2	19	17	37	113
2021	103	2	0	6	2	2	0	4	1	18	16	52	116
2022	98	2	0	6	2	2	0	4	1	17	14	66	119
2023	93	2	0	5	3	2	0	4	1	17	13	79	122
2024	88	2	0	5	3	2	0	4	1	16	11	90	125
2025	83	2	0	5	3	2	0	4	1	15	10	100	128
2026	79	2	0	5	3	2	0	4	1	15	9	109	131
2027	75	2	0	4	2	1	0	4	1	14	8	117	134
2028	71	2	0	4	2	1	0	4	1	14	7	124	138
2029	66	1	0	4	2	1	0	4	1	13	6	131	141
2030	62	1	0	4	2	1	0	4	1	13	6	137	145
2031	58	1	0	3	2	1	0	4	1	12	5	142	148
2032	54	1	0	3	2	1	0	4	1	11	5	146	152
2033	50	1	0	3	1	1	0	4	1	11	4	150	156
2034	45	1	0	3	1	1	0	4	1	10	4	154	160
2035	41	1	0	2	1	1	0	4	1	10	3	157	164
2036	37	1	0	2	1	1	0	4	1	9	3	160	168
2037	33	1	0	2	1	1	0	4	1	9	2	162	172
2038	29	1	0	2	1	1	0	4	1	8	2	164	176
2039	24	1	0	1	1	1	0	4	(0)	7	2	166	181
2040	21	0	0	1	2	1	0	4	(1)	7	2	168	185
2041	19	0	0	1	2	0	0	4	(1)	7	1	169	190
2042	16	0	0	1	2	0	0	4	(1)	6	1	170	195
2043	14	0	0	1	2	0	0	4	(1)	6	1	171	200
2044	12	0	0	1	2	0	0	4	(1)	6	1	172	205
2045	9	0	0	1	2	0	0	4	(1)	5	1	173	210
2046	7	0	0	0	2	0	0	4	(1)	5	1	174	215
2047	5	0	0	0	2	0	0	4	(1)	5	1	174	220
2048	2	0	0	0	2	0	0	4	(1)	4	1	175	226

IN SERVICE COST (\$000)	110
IN SERVICE YEAR	2019
BOOKLIFE (YRS)	30
EFPEC TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	41%	5.50	%
P/S	0%	0.00	%
C/S	59%	10.00	%

K-FACTOR = CPWPC / IN-SVC COST = 1.58559

page 4a

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	4	4	4	4	3	3	0	6	0	0	0	0	(1)
2020	7.22%	8	12	4	7	3	7	2	6	0	0	0	2	0
2021	6.68%	7	19	4	11	3	10	1	6	0	0	0	1	2
2022	6.18%	7	26	4	15	3	14	1	6	0	0	0	1	3
2023	5.71%	6	32	4	18	3	17	1	6	0	0	0	1	4
2024	5.29%	6	38	4	22	3	21	1	6	0	0	0	1	5
2025	4.89%	5	43	4	26	3	24	1	6	0	0	0	1	6
2026	4.52%	5	48	4	29	3	28	1	6	0	0	0	1	6
2027	4.46%	5	53	4	33	3	31	1	6	0	0	0	1	7
2028	4.46%	5	58	4	37	3	35	1	6	0	0	0	1	7
2029	4.46%	5	63	4	40	3	38	1	6	0	0	0	1	8
2030	4.46%	5	67	4	44	3	42	1	6	0	0	0	1	8
2031	4.46%	5	72	4	48	3	45	1	6	0	0	0	1	9
2032	4.46%	5	77	4	52	3	49	1	6	0	0	0	1	9
2033	4.46%	5	82	4	55	3	52	1	6	0	0	0	1	10
2034	4.46%	5	87	4	59	3	56	1	6	0	0	0	1	10
2035	4.46%	5	92	4	63	3	59	1	6	0	0	0	1	11
2036	4.46%	5	97	4	66	3	63	1	6	0	0	0	1	11
2037	4.46%	5	101	4	70	3	66	1	6	0	0	0	1	12
2038	4.46%	5	106	4	74	3	70	1	6	0	0	0	1	12
2039	2.23%	2	109	4	77	3	73	(0)	6	0	0	0	(0)	12
2040	0.00%	0	109	4	81	3	77	(1)	6	0	0	0	(1)	11
2041	0.00%	0	109	4	85	3	80	(1)	6	0	0	0	(1)	9
2042	0.00%	0	109	4	88	3	84	(1)	6	0	0	0	(1)	8
2043	0.00%	0	109	4	92	3	87	(1)	6	0	0	0	(1)	7
2044	0.00%	0	109	4	96	3	90	(1)	6	0	0	0	(1)	5
2045	0.00%	0	109	4	99	3	94	(1)	6	0	0	0	(1)	4
2046	0.00%	0	109	4	103	3	97	(1)	6	0	0	0	(1)	3
2047	0.00%	0	109	4	107	3	101	(1)	6	0	0	0	(1)	1
2048	0.00%	0	109	4	110	3	104	(1)	6	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	6
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION	(5b)* ACCUMULATED DEPTAXES	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2019	3.75%	4	0	107	4	(1)	112	108	110
2020	7.22%	8	2	103	7	0	108	103	105
2021	5.68%	7	1	99	11	2	103	98	100
2022	6.18%	7	1	96	15	3	98	93	95
2023	5.71%	6	1	92	18	4	93	88	90
2024	5.29%	6	1	88	22	5	88	83	86
2025	4.89%	5	1	83	26	6	83	79	81
2026	4.52%	5	1	81	29	6	79	75	77
2027	4.46%	5	1	77	33	7	75	71	73
2028	4.46%	5	1	74	37	7	71	66	68
2029	4.46%	5	1	70	40	8	66	62	64
2030	4.46%	5	1	66	44	8	62	58	60
2031	4.46%	5	1	63	48	9	58	54	56
2032	4.46%	5	1	59	52	9	54	50	52
2033	4.46%	5	1	55	55	10	50	45	47
2034	4.46%	5	1	52	59	10	45	41	43
2035	4.46%	5	1	48	63	11	41	37	39
2036	4.46%	5	1	44	66	11	37	33	35
2037	4.46%	5	1	40	70	12	33	29	31
2038	4.46%	5	1	37	74	12	29	24	26
2039	2.23%	2	(0)	33	77	12	24	21	23
2040	0.00%	0	(1)	29	81	11	21	19	20
2041	0.00%	0	(1)	26	85	9	19	16	18
2042	0.00%	0	(1)	22	88	8	16	14	15
2043	0.00%	0	(1)	18	92	7	14	12	13
2044	0.00%	0	(1)	15	96	5	12	9	11
2045	0.00%	0	(1)	11	99	4	9	7	8
2046	0.00%	0	(1)	7	103	3	7	5	6
2047	0.00%	0	(1)	4	107	1	5	2	4
2048	0.00%	0	(1)	0	110	0	2	0	1

* Column not specified in workbook

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1 INPUT DATA -- PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2013	1	1	3.53	5.61	3.54	0.00	1.00	1.00
2014	1	1	3.71	5.78	3.72	0.00	1.00	1.00
2015	1	1	3.95	5.72	3.96	0.00	1.00	1.00
2016	1	1	4.36	6.07	4.37	0.00	1.00	1.00
2017	1	1	4.72	6.93	4.73	0.00	1.00	1.00
2018	1	1	5.06	7.59	5.07	0.00	1.00	1.00
2019	1	1	5.41	8.62	5.42	6.13	1.00	1.00
2020	1	1	5.90	9.64	5.91	6.27	1.00	1.00
2021	1	1	6.25	9.42	6.26	6.60	1.00	1.00
2022	1	1	6.52	10.00	6.53	6.78	1.00	1.00
2023	1	1	6.75	9.88	6.76	7.11	1.00	1.00
2024	1	1	7.29	11.07	7.31	7.70	1.00	1.00
2025	1	1	7.92	12.54	7.95	8.43	1.00	1.00
2026	1	1	8.08	12.41	8.10	8.51	1.00	1.00
2027	1	1	8.28	12.62	8.30	8.62	1.00	1.00
2028	1	1	8.36	12.69	8.37	8.63	1.00	1.00
2029	1	1	8.44	12.81	8.46	8.71	1.00	1.00
2030	1	1	8.58	13.00	8.59	8.83	1.00	1.00
2031	1	1	8.61	13.25	8.63	8.83	1.00	1.00
2032	1	1	8.55	12.51	8.57	8.74	1.00	1.00
2033	1	1	8.75	13.52	8.76	9.01	1.00	1.00
2034	1	1	8.80	13.49	8.81	9.06	1.00	1.00
2035	1	1	8.77	12.59	8.79	9.06	1.00	1.00
2036	1	1	8.97	13.94	8.98	9.29	1.00	1.00
2037	1	1	8.95	12.68	8.96	9.32	1.00	1.00
2038	1	1	9.03	12.71	9.04	9.42	1.00	1.00
2039	1	1	9.17	13.28	9.18	9.56	1.00	1.00
2040	1	1	9.20	12.43	9.21	9.63	1.00	1.00
2041	1	1	9.31	12.85	9.32	9.83	1.00	1.00
2042	1	1	9.47	13.30	9.48	10.07	1.00	1.00
2043	1	1	9.55	12.84	9.56	10.20	1.00	1.00
2044	1	1	9.64	13.15	9.65	10.38	1.00	1.00
2045	1	1	9.75	13.33	9.76	10.55	1.00	1.00
2046	1	1	9.85	13.14	9.86	10.70	1.00	1.00
2047	1	1	9.98	13.17	9.99	10.87	1.00	1.00
2048	1	1	10.14	13.45	10.15	11.09	1.00	1.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	19	15	0	26	34	26
2020	19	15	1	49	60	23
2021	18	15	1	52	63	23
2022	17	16	1	55	64	25
2023	17	16	1	58	65	27
2024	16	17	1	61	69	25
2025	15	17	1	66	77	22
2026	15	17	1	68	79	22
2027	14	18	1	71	81	22
2028	14	18	1	72	82	23
2029	13	19	1	73	83	23
2030	13	19	1	75	84	23
2031	12	20	1	76	84	25
2032	11	20	1	78	83	27
2033	11	21	1	79	86	25
2034	10	21	1	81	87	26
2035	10	22	1	82	87	28
2036	9	22	1	84	89	27
2037	9	23	1	86	90	28
2038	8	23	1	87	91	29
2039	7	24	1	89	92	29
2040	7	25	1	90	93	30
2041	7	25	1	92	95	30
2042	6	26	1	94	97	30
2043	6	27	1	95	98	31
2044	6	27	1	97	100	31
2045	5	28	1	99	102	31
2046	5	29	1	100	103	32
2047	5	29	1	102	105	33
2048	4	30	1	104	107	33
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	326	644	28	2,341	2,527	811
NPV	115	161	7	574	639	216

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1      AVOIDED T&D AND PROGRAM FUEL SAVINGS
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME : ██████████ ██████████

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* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	REPLACEMENT EMISSION COST \$(000)	PROGRAM EMISSION BENEFIT \$(000)	OFF-PEAK EMISSION PAYBACK COST \$(000)	NET EMISSION BENEFIT \$(000)
YEAR					
2013	0	0	0	0	0
2014	0	0	1	0	1
2015	0	0	1	0	1
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	3	4	4	0	3
2024	3	4	5	0	4
2025	4	5	6	0	4
2026	4	6	6	0	5
2027	5	7	7	0	5
2028	6	8	8	0	6
2029	7	9	9	0	7
2030	8	10	10	0	8
2031	9	11	11	0	9
2032	10	13	13	0	10
2033	11	15	14	0	11
2034	13	16	16	0	12
2035	14	18	18	0	13
2036	16	20	20	0	15
2037	17	23	22	0	16
2038	19	25	24	0	18
2039	21	28	27	0	20
2040	23	31	29	0	22
2041	26	34	32	0	24
2042	28	37	35	0	27
2043	31	41	39	0	29
2044	34	44	42	0	32
2045	37	49	46	0	35
2046	41	53	50	0	38
2047	44	58	55	0	41
2048	48	63	59	0	45
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	483	630	612	0	465
NPV	76	99	100	0	77

PSC FORM CE 2.3
PAGE 1 OF 1

Discount Rate:
Benefit/Cost Ratio (Col(11) / Col(6)) :

7.29 %

1.92

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O&M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2013	30	0	18	0	48	625	0	0	625	(577)	(577)
2014	59	0	0	0	59	0	0	0	0	59	(522)
2015	60	0	0	0	60	0	0	0	0	60	(469)
2016	60	0	0	0	60	0	0	0	0	60	(420)
2017	68	0	0	0	68	0	0	0	0	68	(369)
2018	81	0	0	0	81	0	0	0	0	81	(312)
2019	85	0	0	0	85	0	0	0	0	85	(256)
2020	89	0	0	0	89	0	0	0	0	89	(202)
2021	94	0	0	0	94	0	0	0	0	94	(148)
2022	97	0	0	0	97	0	0	0	0	97	(97)
2023	97	0	0	0	97	0	0	0	0	97	(49)
2024	101	0	0	0	101	0	0	0	0	101	(2)
2025	105	0	0	0	105	0	0	0	0	105	43
2026	107	0	0	0	107	0	0	0	0	107	86
2027	111	0	0	0	111	0	0	0	0	111	128
2028	113	0	0	0	113	0	0	0	0	113	167
2029	115	0	0	0	115	0	0	0	0	115	204
2030	119	0	0	0	119	0	0	0	0	119	240
2031	122	0	0	0	122	0	0	0	0	122	275
2032	128	0	0	0	128	0	0	0	0	128	308
2033	137	0	0	0	137	0	0	0	0	137	342
2034	142	0	0	0	142	0	0	0	0	142	374
2035	146	0	0	0	146	0	0	0	0	146	405
2036	155	0	0	0	155	0	0	0	0	155	436
2037	160	0	0	0	160	0	0	0	0	160	465
2038	164	0	18	0	182	1,130	0	0	1,130	(948)	302
2039	170	0	0	0	170	0	0	0	0	170	329
2040	174	0	0	0	174	0	0	0	0	174	355
2041	180	0	0	0	180	0	0	0	0	180	380
2042	185	0	0	0	185	0	0	0	0	185	404
2043	191	0	0	0	191	0	0	0	0	191	428
2044	199	0	0	0	199	0	0	0	0	199	450
2045	207	0	0	0	207	0	0	0	0	207	472
2046	215	0	0	0	215	0	0	0	0	215	493
2047	224	0	0	0	224	0	0	0	0	224	513
2048	234	0	0	0	234	0	0	0	0	234	533
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
NOM	4,727	0	36	0	4,762						

2019	
7.29	%
1.65	

Benefit/Cost Ratio (Col(12) / Col(7)) :

7.29	%
1.35	

page 1
29-Jan-13

1 INPUT DATA - PART I CONTINUED
2 PROGRAM METHOD SELECTED: REV_RBQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	31.80 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER	42.13317 kW
(3) KW/LINE LOSS PERCENTAGE	7.54 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	297,052.11 kWh
(5) KWH/LINE LOSS PERCENTAGE	6.24 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58559
(5) K FACTOR FOR T & D	1.55564

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.29 %
* (11) UTILITY AFUDC RATE	6.69 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2018-2019
(4) BASE YEAR AVOIDED GENERATING COST	776.56 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	39.32 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	109.68 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.14 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.69 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2013	1	7	0	8	7	2	71	0	0	71
2014	0	0	0	0	14	4	0	0	0	0
2015	0	0	0	0	14	4	0	0	0	0
2016	0	0	0	0	14	4	0	0	0	0
2017	0	0	0	0	16	4	0	0	0	0
2018	0	0	0	0	19	4	0	0	0	0
2019	0	0	0	0	20	4	0	0	0	0
2020	0	0	0	0	21	5	0	0	0	0
2021	0	0	0	0	22	5	0	0	0	0
2022	0	0	0	0	23	5	0	0	0	0
2023	2	7	0	8	23	5	91	0	0	91
2024	0	0	0	0	25	5	0	0	0	0
2025	0	0	0	0	26	5	0	0	0	0
2026	0	0	0	0	26	5	0	0	0	0
2027	0	0	0	0	27	5	0	0	0	0
2028	0	0	0	0	28	5	0	0	0	0
2029	0	0	0	0	28	5	0	0	0	0
2030	0	0	0	0	29	5	0	0	0	0
2031	0	0	0	0	30	5	0	0	0	0
2032	0	0	0	0	32	5	0	0	0	0
2033	2	7	0	9	34	5	117	0	0	117
2034	0	0	0	0	36	5	0	0	0	0
2035	0	0	0	0	36	5	0	0	0	0
2036	0	0	0	0	39	5	0	0	0	0
2037	0	0	0	0	40	5	0	0	0	0
2038	0	0	0	0	41	5	0	0	0	0
2039	0	0	0	0	43	5	0	0	0	0
2040	0	0	0	0	44	5	0	0	0	0
2041	0	0	0	0	46	5	0	0	0	0
2042	0	0	0	0	47	5	0	0	0	0
2043	3	7	0	9	49	5	149	0	0	149
2044	0	0	0	0	51	5	0	0	0	0
2045	0	0	0	0	53	5	0	0	0	0
2046	0	0	0	0	55	5	0	0	0	0
2047	0	0	0	0	58	5	0	0	0	0
2048	0	0	0	0	60	5	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	7	26	0	33	1,176	169	428	0	0	428
NPV	3	12	0	15	324	59	163	0	0	163

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRBC \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE FW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	41	1	0	2	1	1	0	1	0	7	7	7	40
2020	40	1	0	2	1	1	0	1	1	7	6	13	41
2021	38	1	0	2	1	1	0	1	1	7	6	19	42
2022	36	1	0	2	1	1	0	1	0	6	5	24	43
2023	34	1	0	2	1	1	0	1	0	6	5	29	45
2024	32	1	0	2	1	1	0	1	0	6	4	33	46
2025	30	1	0	2	1	1	0	1	0	6	4	37	47
2026	29	1	0	2	1	1	0	1	0	5	3	40	48
2027	27	1	0	2	1	1	0	1	0	5	3	43	49
2028	26	1	0	2	1	1	0	1	0	5	3	45	50
2029	24	1	0	1	1	0	0	1	0	5	2	48	52
2030	23	1	0	1	1	0	0	1	0	5	2	50	53
2031	21	0	0	1	1	0	0	1	0	4	2	52	54
2032	20	0	0	1	1	0	0	1	0	4	2	53	56
2033	18	0	0	1	1	0	0	1	0	4	1	55	57
2034	17	0	0	1	0	0	0	1	0	4	1	56	58
2035	15	0	0	1	0	0	0	1	0	4	1	57	60
2036	13	0	0	1	0	0	0	1	0	3	1	58	61
2037	12	0	0	1	0	0	0	1	0	3	1	59	63
2038	10	0	0	1	0	0	0	1	0	3	1	60	64
2039	9	0	0	1	1	0	0	1	(0)	3	1	61	66
2040	8	0	0	0	1	0	0	1	(0)	3	1	61	68
2041	7	0	0	0	1	0	0	1	(0)	2	1	62	69
2042	6	0	0	0	1	0	0	1	(0)	2	0	62	71
2043	5	0	0	0	1	0	0	1	(0)	2	0	63	73
2044	4	0	0	0	1	0	0	1	(0)	2	0	63	75
2045	3	0	0	0	1	0	0	1	(0)	2	0	63	77
2046	3	0	0	0	1	0	0	1	(0)	2	0	64	79
2047	2	0	0	0	1	0	0	1	(0)	2	0	64	81
2048	1	0	0	0	1	0	0	1	(0)	2	0	64	83

IN SERVICE COST (\$000)	40
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	41%	5.50
P/S	0%	0.00
C/S	59%	10.00

K-FACTOR = CPWFC / IN-SVC COST = 1.58559

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	1	1	1	1	1	1	0	2	0	0	0	0	(1)
2020	7.22%	3	4	1	3	1	3	1	2	0	0	0	1	0
2021	6.68%	3	7	1	4	1	4	1	2	0	0	0	1	1
2022	6.18%	2	9	1	5	1	5	0	2	0	0	0	0	1
2023	5.71%	2	12	1	7	1	6	0	2	0	0	0	0	2
2024	5.29%	2	14	1	8	1	8	0	2	0	0	0	0	2
2025	4.89%	2	16	1	9	1	9	0	2	0	0	0	0	2
2026	4.52%	2	18	1	11	1	10	0	2	0	0	0	0	2
2027	4.46%	2	19	1	12	1	11	0	2	0	0	0	0	3
2028	4.46%	2	21	1	13	1	13	0	2	0	0	0	0	3
2029	4.46%	2	23	1	15	1	14	0	2	0	0	0	0	3
2030	4.46%	2	25	1	16	1	15	0	2	0	0	0	0	3
2031	4.46%	2	26	1	17	1	17	0	2	0	0	0	0	3
2032	4.46%	2	28	1	19	1	18	0	2	0	0	0	0	4
2033	4.46%	2	30	1	20	1	19	0	2	0	0	0	0	4
2034	4.46%	2	32	1	22	1	20	0	2	0	0	0	0	4
2035	4.46%	2	34	1	23	1	22	0	2	0	0	0	0	4
2036	4.46%	2	35	1	24	1	23	0	2	0	0	0	0	4
2037	4.46%	2	37	1	26	1	24	0	2	0	0	0	0	5
2038	4.46%	2	39	1	27	1	25	0	2	0	0	0	0	4
2039	2.23%	1	40	1	28	1	27	(0)	2	0	0	0	(0)	4
2040	0.00%	0	40	1	30	1	28	(0)	2	0	0	0	(0)	3
2041	0.00%	0	40	1	31	1	29	(0)	2	0	0	0	(0)	3
2042	0.00%	0	40	1	32	1	31	(0)	2	0	0	0	(0)	2
2043	0.00%	0	40	1	34	1	32	(0)	2	0	0	0	(0)	2
2044	0.00%	0	40	1	35	1	33	(0)	2	0	0	0	(0)	1
2045	0.00%	0	40	1	36	1	34	(0)	2	0	0	0	(0)	1
2046	0.00%	0	40	1	38	1	36	(0)	2	0	0	0	(0)	0
2047	0.00%	0	40	1	39	1	37	(0)	2	0	0	0	(0)	0
2048	0.00%	0	40	1	40	1	38	(0)	2	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	END OF YEAR NET PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF. TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2019	3.75%	1	0	39	1	(1)	41	40	40
2020	7.22%	3	1	38	3	0	40	38	39
2021	6.68%	3	1	36	4	1	38	36	37
2022	6.18%	2	0	35	5	1	36	34	35
2023	5.71%	2	0	34	7	1	34	32	33
2024	5.29%	2	0	32	8	2	32	30	31
2025	4.89%	2	0	31	9	2	30	29	30
2026	4.52%	2	0	30	11	2	29	27	28
2027	4.46%	2	0	28	12	2	27	26	27
2028	4.46%	2	0	27	13	3	26	24	25
2029	4.46%	2	0	26	15	3	24	23	23
2030	4.46%	2	0	24	16	3	23	21	22
2031	4.46%	2	0	23	17	3	21	20	20
2032	4.46%	2	0	22	19	3	20	18	19
2033	4.46%	2	0	20	20	4	18	17	17
2034	4.46%	2	0	19	22	4	17	15	16
2035	4.46%	2	0	17	23	4	15	13	14
2036	4.46%	2	0	16	24	4	13	12	13
2037	4.46%	2	0	15	26	4	12	10	11
2038	4.46%	2	0	13	27	5	10	9	10
2039	2.23%	1	(0)	12	28	4	9	8	8
2040	0.00%	0	(0)	11	30	4	8	7	7
2041	0.00%	0	(0)	9	31	3	7	6	6
2042	0.00%	0	(0)	8	32	3	6	5	6
2043	0.00%	0	(0)	7	34	2	5	4	5
2044	0.00%	0	(0)	5	35	2	4	3	4
2045	0.00%	0	(0)	4	36	1	3	3	3
2046	0.00%	0	(0)	3	38	1	3	2	2
2047	0.00%	0	(0)	1	39	0	2	1	1
2048	0.00%	0	(0)	0	40	0	1	0	0

* Column not specified in workbook

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1 INPUT DATA -- PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/KWh)	AVOIDED MARGINAL FUEL COST (C/KWh)	INCREASED MARGINAL FUEL COST (C/KWh)	REPLACEMENT FUEL COST (C/KWh)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KW EFFECTIVENESS FACTOR
2013	1	1	3.53	5.66	3.55	0.00	1.00	1.00
2014	1	1	3.71	5.59	3.72	0.00	1.00	1.00
2015	1	1	3.95	5.66	3.97	0.00	1.00	1.00
2016	1	1	4.36	6.02	4.38	0.00	1.00	1.00
2017	1	1	4.72	6.81	4.74	0.00	1.00	1.00
2018	1	1	5.06	7.46	5.08	0.00	1.00	1.00
2019	1	1	5.41	8.29	5.43	6.13	1.00	1.00
2020	1	1	5.90	9.22	5.92	6.27	1.00	1.00
2021	1	1	6.25	9.34	6.28	6.60	1.00	1.00
2022	1	1	6.52	9.68	6.54	6.78	1.00	1.00
2023	1	1	6.75	9.57	6.78	7.11	1.00	1.00
2024	1	1	7.29	10.80	7.33	7.70	1.00	1.00
2025	1	1	7.92	12.29	7.97	8.43	1.00	1.00
2026	1	1	8.08	12.08	8.12	8.51	1.00	1.00
2027	1	1	8.28	12.30	8.32	8.62	1.00	1.00
2028	1	1	8.36	12.37	8.39	8.63	1.00	1.00
2029	1	1	8.44	12.43	8.47	8.71	1.00	1.00
2030	1	1	8.58	12.58	8.61	8.83	1.00	1.00
2031	1	1	8.61	12.73	8.65	8.83	1.00	1.00
2032	1	1	8.55	11.84	8.58	8.74	1.00	1.00
2033	1	1	8.75	12.98	8.78	9.01	1.00	1.00
2034	1	1	8.80	12.81	8.82	9.06	1.00	1.00
2035	1	1	8.77	11.95	8.80	9.06	1.00	1.00
2036	1	1	8.97	13.03	9.00	9.29	1.00	1.00
2037	1	1	8.95	12.18	8.97	9.32	1.00	1.00
2038	1	1	9.03	12.20	9.06	9.42	1.00	1.00
2039	1	1	9.17	12.74	9.20	9.56	1.00	1.00
2040	1	1	9.20	12.14	9.22	9.63	1.00	1.00
2041	1	1	9.31	12.49	9.34	9.83	1.00	1.00
2042	1	1	9.47	12.96	9.49	10.07	1.00	1.00
2043	1	1	9.55	12.53	9.58	10.20	1.00	1.00
2044	1	1	9.64	12.93	9.66	10.38	1.00	1.00
2045	1	1	9.75	13.00	9.76	10.55	1.00	1.00
2046	1	1	9.85	12.85	9.87	10.70	1.00	1.00
2047	1	1	9.98	12.95	9.99	10.87	1.00	1.00
2048	1	1	10.14	13.23	10.16	11.09	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	7	5	0	10	13	10
2020	7	5	0	18	22	8
2021	7	6	0	19	23	9
2022	6	6	0	20	23	9
2023	6	6	0	21	24	10
2024	6	6	0	22	25	9
2025	6	6	0	24	28	8
2026	5	6	0	25	29	8
2027	5	7	0	26	30	8
2028	5	7	0	26	30	8
2029	5	7	0	27	30	9
2030	5	7	0	27	31	9
2031	4	7	0	28	31	9
2032	4	7	0	28	30	10
2033	4	8	0	29	32	9
2034	4	8	0	30	32	10
2035	4	8	0	30	32	10
2036	3	8	0	31	33	10
2037	3	8	0	31	33	10
2038	3	9	0	32	33	11
2039	3	9	0	32	34	11
2040	3	9	0	33	34	11
2041	2	9	0	34	35	11
2042	2	9	0	34	35	11
2043	2	10	0	35	36	11
2044	2	10	0	35	37	11
2045	2	10	0	36	37	11
2046	2	10	0	37	38	12
2047	2	11	0	37	38	12
2048	2	11	0	38	39	12
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	119	235	10	855	924	297
NPV	42	59	3	210	234	79

PSC FORM CE 2.2
PAGE 1 OF 1

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	REPLACEMENT EMISSION COST \$(000)	PROGRAM EMISSION BENEFIT \$(000)	OFF-PEAK EMISSION PAYBACK COST \$(000)	NET EMISSION BENEFIT \$(000)
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	1	1	1	0	1
2024	1	2	2	0	1
2025	1	2	2	0	1
2026	2	2	2	0	2
2027	2	2	2	0	2
2028	2	3	3	0	2
2029	2	3	3	0	2
2030	3	4	3	0	2
2031	3	4	4	0	3
2032	4	5	4	0	3
2033	4	5	5	0	3
2034	5	6	5	0	4
2035	5	7	6	0	4
2036	6	7	6	0	5
2037	6	8	7	0	5
2038	7	9	8	0	6
2039	8	10	9	0	6
2040	9	11	9	0	7
2041	9	12	10	0	8
2042	10	14	12	0	8
2043	11	15	13	0	9
2044	12	16	14	0	10
2045	14	18	15	0	11
2046	15	19	16	0	12
2047	16	21	18	0	13
2048	18	23	19	0	14
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	177	230	198	0	144
NPV	28	36	32	0	24

PSC FORM CE 2.4
PAGE 1 OF 1

In Service of Gen Unit:
Discount Rate :
Benefit/Cost Ratio (Col(6) / Col(10))

2019	
7.29	元
2.83	

1 RATE IMPACT TEST
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: ██████████

Benefit/Cost Ratio (Col(12) / Col(7)) :

7.29	9
1.28	

page 1
17-Jun-13

1 INPUT DATA -- PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	110.75 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	146,760.44 KW
(3) KW LINE LOSS PERCENTAGE	7.94 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	899,712.04 kWh
(5) kWh LINE LOSS PERCENTAGE	6.24 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58559
(5) K FACTOR FOR T & D	1.55564

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	7.29 %
(11) UTILITY AFUDC RATE	6.69 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	776.56 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	39.32 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	109.68 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.14 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.69 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

3 PROGRAM NAME: [REDACTED]

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	143	3	0	8	3	3	0	5	0	24	24	24	140
2020	138	3	0	8	3	2	0	5	2	24	22	47	144
2021	131	3	0	8	3	2	0	5	2	23	20	66	148
2022	124	3	0	7	3	2	0	5	2	22	18	84	151
2023	118	3	0	7	3	2	0	5	1	21	16	100	155
2024	112	3	0	7	3	2	0	5	1	20	14	114	159
2025	106	2	0	6	3	2	0	5	1	20	13	127	163
2026	101	2	0	6	3	2	0	5	1	19	11	139	167
2027	95	2	0	6	3	2	0	5	1	18	10	149	171
2028	90	2	0	5	3	2	0	5	1	17	9	158	175
2029	84	2	0	5	3	2	0	5	1	17	8	166	180
2030	79	2	0	5	2	2	0	5	1	16	7	174	184
2031	74	2	0	4	2	2	0	5	1	15	7	180	189
2032	68	2	0	4	2	1	0	5	1	14	6	186	194
2033	63	1	0	4	2	1	0	5	1	14	5	191	199
2034	58	1	0	3	2	1	0	5	1	13	5	196	203
2035	52	1	0	3	1	1	0	5	1	12	4	200	209
2036	47	1	0	3	1	1	0	5	1	12	4	203	214
2037	42	1	0	2	1	1	0	5	1	11	3	206	219
2038	36	1	0	2	1	1	0	5	1	10	3	209	225
2039	31	1	0	2	2	1	0	5	(1)	9	2	211	230
2040	27	1	0	2	3	1	0	5	(2)	9	2	213	236
2041	24	1	0	1	3	1	0	5	(2)	8	2	215	242
2042	21	0	0	1	3	1	0	5	(2)	8	2	217	248
2043	18	0	0	1	3	0	0	5	(2)	8	1	218	254
2044	15	0	0	1	2	0	0	5	(2)	7	1	219	260
2045	12	0	0	1	2	0	0	5	(2)	7	1	220	267
2046	9	0	0	1	2	0	0	5	(2)	6	1	221	274
2047	6	0	0	0	2	0	0	5	(2)	6	1	222	281
2048	3	0	0	0	2	0	0	5	(2)	5	1	223	288

IN SERVICE COST (\$000)	140
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.65%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	41%	5.50
P/S	0%	0.00
C/S	59%	10.00

K-FACTOR = CPWFC / IN-SVC COST = 1.58559

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_RRQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (7)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	5	5	5	5	4	4	0	8	0	0	0	0	(2)
2020	7.22%	10	15	5	9	4	9	2	8	0	0	0	2	0
2021	6.68%	9	24	5	14	4	13	2	8	0	0	0	2	2
2022	6.18%	9	33	5	19	4	18	2	8	0	0	0	2	4
2023	5.71%	8	41	5	23	4	22	1	8	0	0	0	1	5
2024	5.29%	7	48	5	28	4	27	1	8	0	0	0	1	6
2025	4.89%	7	55	5	33	4	31	1	8	0	0	0	1	7
2026	4.52%	6	61	5	37	4	35	1	8	0	0	0	1	8
2027	4.46%	6	67	5	42	4	40	1	8	0	0	0	1	9
2028	4.46%	6	74	5	47	4	44	1	8	0	0	0	1	9
2029	4.46%	6	80	5	52	4	49	1	8	0	0	0	1	10
2030	4.46%	6	86	5	56	4	53	1	8	0	0	0	1	11
2031	4.46%	6	92	5	61	4	58	1	8	0	0	0	1	11
2032	4.46%	6	98	5	66	4	62	1	8	0	0	0	1	12
2033	4.46%	6	104	5	70	4	66	1	8	0	0	0	1	13
2034	4.46%	6	111	5	75	4	71	1	8	0	0	0	1	13
2035	4.46%	6	117	5	80	4	75	1	8	0	0	0	1	14
2036	4.46%	6	123	5	84	4	80	1	8	0	0	0	1	15
2037	4.46%	6	129	5	89	4	84	1	8	0	0	0	1	15
2038	4.46%	6	135	5	94	4	89	1	8	0	0	0	1	16
2039	2.23%	3	138	5	98	4	93	(1)	8	0	0	0	(1)	15
2040	0.00%	0	138	5	103	4	97	(2)	8	0	0	0	(2)	14
2041	0.00%	0	138	5	108	4	102	(2)	8	0	0	0	(2)	12
2042	0.00%	0	138	5	112	4	106	(2)	8	0	0	0	(2)	10
2043	0.00%	0	138	5	117	4	111	(2)	8	0	0	0	(2)	9
2044	0.00%	0	138	5	122	4	115	(2)	8	0	0	0	(2)	7
2045	0.00%	0	138	5	126	4	120	(2)	8	0	0	0	(2)	5
2046	0.00%	0	138	5	131	4	124	(2)	8	0	0	0	(2)	3
2047	0.00%	0	138	5	136	4	128	(2)	8	0	0	0	(2)	2
2048	0.00%	0	138	5	140	4	133	(2)	8	0	0	0	(2)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	8
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2019	3.75%	5	0	136	5	(2)	143	138	140
2020	7.22%	10	2	131	9	0	138	131	134
2021	6.68%	9	2	126	14	2	131	124	128
2022	6.18%	9	2	122	19	4	124	118	121
2023	5.71%	8	1	117	23	5	118	112	115
2024	5.29%	7	1	112	28	6	112	106	109
2025	4.89%	7	1	108	33	7	106	101	103
2026	4.52%	6	1	103	37	8	101	95	98
2027	4.46%	6	1	98	42	9	95	90	93
2028	4.46%	6	1	94	47	9	90	84	87
2029	4.46%	6	1	89	52	10	84	79	82
2030	4.46%	6	1	84	56	11	79	74	76
2031	4.46%	6	1	80	61	11	74	68	71
2032	4.46%	6	1	75	66	12	68	63	66
2033	4.46%	6	1	70	70	13	63	58	60
2034	4.46%	6	1	66	75	13	58	52	55
2035	4.46%	6	1	61	80	14	52	47	50
2036	4.46%	6	1	56	84	15	47	42	44
2037	4.46%	6	1	52	89	15	42	36	39
2038	4.46%	6	1	47	94	16	36	31	34
2039	2.23%	3	(1)	42	98	15	31	27	29
2040	0.00%	0	(2)	37	103	14	27	24	25
2041	0.00%	0	(2)	33	108	12	24	21	22
2042	0.00%	0	(2)	28	112	10	21	18	19
2043	0.00%	0	(2)	23	117	9	18	15	16
2044	0.00%	0	(2)	19	122	7	15	12	13
2045	0.00%	0	(2)	14	126	5	12	9	10
2046	0.00%	0	(2)	9	131	3	9	6	7
2047	0.00%	0	(2)	5	136	2	6	3	4
2048	0.00%	0	(2)	0	140	0	3	0	1

* Column not specified in workbook

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1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2013	1	1	3.33	3.33	3.33	0.00	1.00	1.00
2014	1	1	3.71	3.71	3.71	0.00	1.00	1.00
2015	1	1	3.95	3.95	3.95	0.00	1.00	1.00
2016	1	1	4.36	4.36	4.36	0.00	1.00	1.00
2017	1	1	4.72	4.72	4.72	0.00	1.00	1.00
2018	1	1	5.06	5.06	5.06	0.00	1.00	1.00
2019	1	1	5.41	5.41	5.41	6.13	1.00	1.00
2020	1	1	5.90	10.73	5.90	6.27	1.00	1.00
2021	1	1	6.25	9.78	6.25	6.60	1.00	1.00
2022	1	1	6.52	10.21	6.52	6.78	1.00	1.00
2023	1	1	6.75	10.13	6.75	7.11	1.00	1.00
2024	1	1	7.29	11.48	7.29	7.70	1.00	1.00
2025	1	1	7.92	13.41	7.92	8.43	1.00	1.00
2026	1	1	8.08	12.93	8.08	8.51	1.00	1.00
2027	1	1	8.28	13.19	8.28	8.62	1.00	1.00
2028	1	1	8.36	13.36	8.36	8.63	1.00	1.00
2029	1	1	8.44	13.52	8.44	8.71	1.00	1.00
2030	1	1	8.58	13.63	8.58	8.83	1.00	1.00
2031	1	1	8.61	13.98	8.61	8.83	1.00	1.00
2032	1	1	8.55	13.62	8.55	8.74	1.00	1.00
2033	1	1	8.75	14.25	8.75	9.01	1.00	1.00
2034	1	1	8.80	14.32	8.80	9.06	1.00	1.00
2035	1	1	8.77	13.48	8.77	9.06	1.00	1.00
2036	1	1	8.97	14.82	8.97	9.29	1.00	1.00
2037	1	1	8.95	13.75	8.95	9.32	1.00	1.00
2038	1	1	9.03	13.85	9.03	9.42	1.00	1.00
2039	1	1	9.17	14.30	9.17	9.56	1.00	1.00
2040	1	1	9.20	13.71	9.20	9.63	1.00	1.00
2041	1	1	9.31	14.11	9.31	9.83	1.00	1.00
2042	1	1	9.47	14.58	9.47	10.07	1.00	1.00
2043	1	1	9.55	13.74	9.55	10.20	1.00	1.00
2044	1	1	9.64	14.30	9.64	10.38	1.00	1.00
2045	1	1	9.75	14.22	9.75	10.55	1.00	1.00
2046	1	1	9.85	13.95	9.85	10.70	1.00	1.00
2047	1	1	9.98	13.77	9.98	10.87	1.00	1.00
2048	1	1	10.14	14.28	10.14	11.09	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	24	19	0	33	44	33
2020	24	19	1	62	76	29
2021	23	20	1	66	80	30
2022	22	20	1	70	81	32
2023	21	21	1	74	82	34
2024	20	21	1	78	88	32
2025	19	22	1	84	98	25
2026	19	22	1	87	100	28
2027	18	23	1	90	104	28
2028	17	23	1	92	104	29
2029	17	24	1	93	105	30
2030	16	24	1	95	107	30
2031	15	25	1	97	107	31
2032	14	26	1	99	106	34
2033	14	26	1	101	110	32
2034	13	27	1	103	111	33
2035	12	28	1	105	111	35
2036	12	28	1	107	114	34
2037	11	29	1	109	114	36
2038	10	30	1	111	115	37
2039	9	30	1	113	117	37
2040	9	31	1	115	118	38
2041	8	32	1	117	120	38
2042	8	33	1	119	123	38
2043	7	34	1	121	125	39
2044	7	34	2	123	127	39
2045	7	35	2	126	129	40
2046	6	36	2	128	131	41
2047	6	37	2	130	133	41
2048	5	38	2	133	136	42
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	414	816	36	2,980	3,217	1,028
NPV	145	204	9	731	814	274

PROGRAM NAME:

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	0	0	0	0
2014	0	0	1	0	1
2015	0	0	1	0	1
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	4	5	4	0	3
2024	4	6	5	0	4
2025	5	6	6	0	4
2026	6	7	7	0	5
2027	7	9	7	0	5
2028	8	10	8	0	6
2029	9	11	9	0	6
2030	10	13	10	0	7
2031	11	14	12	0	8
2032	13	16	13	0	9
2033	14	19	14	0	10
2034	16	21	16	0	11
2035	18	23	18	0	12
2036	20	26	20	0	14
2037	22	29	22	0	15
2038	25	32	24	0	16
2039	27	35	27	0	18
2040	30	39	29	0	20
2041	33	43	32	0	22
2042	36	47	35	0	24
2043	40	52	38	0	26
2044	43	57	42	0	29
2045	47	62	46	0	31
2046	52	67	50	0	34
2047	56	73	54	0	37
2048	61	80	59	0	40
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	615	802	611	0	424
NPV	97	126	101	0	71

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O&M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2013	32	0	23	0	55	169	0	0	169	(114)	(114)
2014	64	0	0	0	64	0	0	0	0	64	(54)
2015	63	0	0	0	63	0	0	0	0	63	0
2016	64	0	0	0	64	0	0	0	0	64	52
2017	64	0	0	0	64	0	0	0	0	64	100
2018	72	0	0	0	72	0	0	0	0	72	150
2019	85	0	0	0	85	0	0	0	0	85	206
2020	89	0	0	0	89	0	0	0	0	89	260
2021	93	0	0	0	93	0	0	0	0	93	313
2022	98	0	0	0	98	0	0	0	0	98	365
2023	101	0	0	0	101	0	0	0	0	101	415
2024	101	0	0	0	101	0	0	0	0	101	461
2025	105	0	23	0	128	227	0	0	227	(99)	419
2026	109	0	0	0	109	0	0	0	0	109	463
2027	111	0	0	0	111	0	0	0	0	111	504
2028	114	0	0	0	114	0	0	0	0	114	544
2029	117	0	0	0	117	0	0	0	0	117	582
2030	119	0	0	0	119	0	0	0	0	119	618
2031	123	0	0	0	123	0	0	0	0	123	652
2032	126	0	0	0	126	0	0	0	0	126	685
2033	131	0	0	0	131	0	0	0	0	131	717
2034	141	0	0	0	141	0	0	0	0	141	750
2035	146	0	0	0	146	0	0	0	0	146	781
2036	149	0	0	0	149	0	0	0	0	149	810
2037	158	0	23	0	181	305	0	0	305	(124)	787
2038	163	0	0	0	163	0	0	0	0	163	815
2039	167	0	0	0	167	0	0	0	0	167	842
2040	173	0	0	0	173	0	0	0	0	173	868
2041	178	0	0	0	178	0	0	0	0	178	893
2042	183	0	0	0	183	0	0	0	0	183	916
2043	188	0	0	0	188	0	0	0	0	188	939
2044	194	0	0	0	194	0	0	0	0	194	961
2045	202	0	0	0	202	0	0	0	0	202	982
2046	210	0	0	0	210	0	0	0	0	210	1,003
2047	218	0	0	0	218	0	0	0	0	218	1,023
2048	227	0	0	0	227	0	0	0	0	227	1,042
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
NOM	4,678	0	68	0	4,746	701	0	0	701	4,045	

2019	
7.29	%
4.23	

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PAGE 1 OF 1

Discount Rate	7.29	%
Benefit/Cost Ratio (Col(12) / Col(7)) :	1.43	

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29-Jan-13

1 INPUT DATA -- PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	13.19 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	17.48139 kW
(3) kW LINE LOSS PERCENTAGE	7.94 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	59,964.59 kWh
(5) kWh LINE LOSS PERCENTAGE	6.24 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58559
(5) K FACTOR FOR T & D	1.55564

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.29 %
* (11) UTILITY AFUDC RATE	6.69 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	776.36 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	39.32 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	109.68 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.14 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55 % ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.69 CENTS PER kWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	UTILITY PROGRAM COSTS WITHOUT INCENTIVES	UTILITY INCENTIVES	OTHER UTILITY COSTS	TOTAL UTILITY PROGRAM COSTS	ENERGY CHARGE REVENUE LOSSES	DEMAND CHARGE REVENUE LOSSES	PARTICIPANT EQUIPMENT COSTS	PARTICIPANT O&M COSTS	OTHER PARTICIPANT COSTS	TOTAL PARTICIPANT COSTS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	3	0	3	1	1	22	0	0	22
2014	0	0	0	0	3	2	0	0	0	0
2015	0	0	0	0	3	2	0	0	0	0
2016	0	0	0	0	3	2	0	0	0	0
2017	0	0	0	0	3	2	0	0	0	0
2018	0	3	0	3	4	2	25	0	0	25
2019	0	0	0	0	4	2	0	0	0	0
2020	0	0	0	0	4	2	0	0	0	0
2021	0	0	0	0	4	2	0	0	0	0
2022	0	0	0	0	5	2	0	0	0	0
2023	0	3	0	3	5	2	28	0	0	28
2024	0	0	0	0	5	2	0	0	0	0
2025	0	0	0	0	5	2	0	0	0	0
2026	0	0	0	0	5	2	0	0	0	0
2027	0	0	0	0	5	2	0	0	0	0
2028	0	3	0	3	6	2	32	0	0	32
2029	0	0	0	0	6	2	0	0	0	0
2030	0	0	0	0	6	2	0	0	0	0
2031	0	0	0	0	6	2	0	0	0	0
2032	0	0	0	0	6	2	0	0	0	0
2033	0	3	0	3	7	2	36	0	0	36
2034	0	0	0	0	7	2	0	0	0	0
2035	0	0	0	0	7	2	0	0	0	0
2036	0	0	0	0	8	2	0	0	0	0
2037	0	0	0	0	8	2	0	0	0	0
2038	0	3	0	3	8	2	41	0	0	41
2039	0	0	0	0	9	2	0	0	0	0
2040	0	0	0	0	9	2	0	0	0	0
2041	0	0	0	0	9	2	0	0	0	0
2042	0	0	0	0	10	2	0	0	0	0
2043	0	3	0	3	10	2	46	0	0	46
2044	0	0	0	0	10	2	0	0	0	0
2045	0	0	0	0	11	2	0	0	0	0
2046	0	0	0	0	11	2	0	0	0	0
2047	0	0	0	0	12	2	0	0	0	0
2048	0	3	0	3	12	2	52	0	0	52
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	1	22	0	23	237	70	282	0	0	282
NPV	0	9	0	9	65	24	90	0	0	90

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	17	0	0	1	1	0	0	1	0	3	3	3	17
2020	16	0	0	1	0	0	0	1	0	3	3	6	17
2021	16	0	0	1	0	0	0	1	0	3	2	8	18
2022	15	0	0	1	0	0	0	1	0	3	2	10	18
2023	14	0	0	1	0	0	0	1	0	3	2	12	18
2024	13	0	0	1	0	0	0	1	0	2	2	14	19
2025	13	0	0	1	0	0	0	1	0	2	2	15	19
2026	12	0	0	1	0	0	0	1	0	2	1	17	20
2027	11	0	0	1	0	0	0	1	0	2	1	18	20
2028	11	0	0	1	0	0	0	1	0	2	1	19	21
2029	10	0	0	1	0	0	0	1	0	2	1	20	21
2030	9	0	0	1	0	0	0	1	0	2	1	21	22
2031	9	0	0	1	0	0	0	1	0	2	1	21	23
2032	8	0	0	0	0	0	0	1	0	2	1	22	23
2033	8	0	0	0	0	0	0	1	0	2	1	23	24
2034	7	0	0	0	0	0	0	1	0	2	1	23	24
2035	6	0	0	0	0	0	0	1	0	1	0	24	25
2036	6	0	0	0	0	0	0	1	0	1	0	24	25
2037	5	0	0	0	0	0	0	1	0	1	0	25	26
2038	4	0	0	0	0	0	0	1	0	1	0	25	27
2039	4	0	0	0	0	0	0	1	(0)	1	0	25	27
2040	3	0	0	0	0	0	0	1	(0)	1	0	25	28
2041	3	0	0	0	0	0	0	1	(0)	1	0	26	29
2042	2	0	0	0	0	0	0	1	(0)	1	0	26	30
2043	2	0	0	0	0	0	0	1	(0)	1	0	26	30
2044	2	0	0	0	0	0	0	1	(0)	1	0	26	31
2045	1	0	0	0	0	0	0	1	(0)	1	0	26	32
2046	1	0	0	0	0	0	0	1	(0)	1	0	26	33
2047	1	0	0	0	0	0	0	1	(0)	1	0	26	33
2048	0	0	0	0	0	0	0	1	(0)	1	0	27	34

IN SERVICE COST (\$000)	17
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	41%	5.50%
P/S	0%	0.00%
C/S	59%	10.00%

K-FACTOR = CPWFC / IN-SVC COST =

1.58559

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YBAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	1	1	1	1	1	1	0	1	0	0	0	0	(0)
2020	7.22%	1	2	1	1	1	1	0	1	0	0	0	0	0
2021	6.68%	1	3	1	2	1	2	0	1	0	0	0	0	0
2022	6.18%	1	4	1	2	1	2	0	1	0	0	0	0	0
2023	5.71%	1	5	1	3	1	3	0	1	0	0	0	0	1
2024	5.29%	1	6	1	3	1	3	0	1	0	0	0	0	1
2025	4.89%	1	7	1	4	1	4	0	1	0	0	0	0	1
2026	4.52%	1	7	1	4	1	4	0	1	0	0	0	0	1
2027	4.46%	1	8	1	5	1	5	0	1	0	0	0	0	1
2028	4.46%	1	9	1	6	1	5	0	1	0	0	0	0	1
2029	4.46%	1	9	1	6	1	6	0	1	0	0	0	0	1
2030	4.46%	1	10	1	7	1	6	0	1	0	0	0	0	1
2031	4.46%	1	11	1	7	1	7	0	1	0	0	0	0	1
2032	4.46%	1	12	1	8	1	7	0	1	0	0	0	0	1
2033	4.46%	1	12	1	8	1	8	0	1	0	0	0	0	1
2034	4.46%	1	13	1	9	1	8	0	1	0	0	0	0	2
2035	4.46%	1	14	1	9	1	9	0	1	0	0	0	0	2
2036	4.46%	1	15	1	10	1	10	0	1	0	0	0	0	2
2037	4.46%	1	15	1	11	1	10	0	1	0	0	0	0	2
2038	4.46%	1	16	1	11	1	11	0	1	0	0	0	0	2
2039	2.23%	0	16	1	12	1	11	(0)	1	0	0	0	(0)	2
2040	0.00%	0	16	1	12	1	12	(0)	1	0	0	0	(0)	2
2041	0.00%	0	16	1	13	1	12	(0)	1	0	0	0	(0)	1
2042	0.00%	0	16	1	13	1	13	(0)	1	0	0	0	(0)	1
2043	0.00%	0	16	1	14	1	13	(0)	1	0	0	0	(0)	1
2044	0.00%	0	16	1	15	1	14	(0)	1	0	0	0	(0)	1
2045	0.00%	0	16	1	15	1	14	(0)	1	0	0	0	(0)	1
2046	0.00%	0	16	1	16	1	15	(0)	1	0	0	0	(0)	0
2047	0.00%	0	16	1	16	1	15	(0)	1	0	0	0	(0)	0
2048	0.00%	0	16	1	17	1	16	(0)	1	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	1
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	END OF YEAR NET PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2019	3.75%	1	0	16	1	(0)	17	16	17
2020	7.22%	1	0	16	1	0	16	16	16
2021	6.68%	1	0	15	2	0	16	15	15
2022	6.18%	1	0	15	2	0	15	14	14
2023	5.71%	1	0	14	3	1	14	13	14
2024	5.29%	1	0	13	3	1	13	13	13
2025	4.89%	1	0	13	4	1	13	12	12
2026	4.52%	1	0	12	4	1	12	11	12
2027	4.46%	1	0	12	5	1	11	11	11
2028	4.46%	1	0	11	6	1	11	10	10
2029	4.46%	1	0	11	6	1	10	9	10
2030	4.46%	1	0	10	7	1	9	9	9
2031	4.46%	1	0	9	7	1	9	8	8
2032	4.46%	1	0	9	8	1	8	8	8
2033	4.46%	1	0	8	8	1	8	7	7
2034	4.46%	1	0	8	9	2	7	6	7
2035	4.46%	1	0	7	9	2	6	6	6
2036	4.46%	1	0	7	10	2	6	5	5
2037	4.46%	1	0	6	11	2	5	4	5
2038	4.46%	1	0	6	11	2	4	4	4
2039	2.23%	0	(0)	5	12	2	4	3	3
2040	0.00%	0	(0)	4	12	2	3	3	3
2041	0.00%	0	(0)	4	13	1	3	2	3
2042	0.00%	0	(0)	3	13	1	2	2	2
2043	0.00%	0	(0)	3	14	1	2	2	2
2044	0.00%	0	(0)	2	15	1	2	1	2
2045	0.00%	0	(0)	2	15	1	1	1	1
2046	0.00%	0	(0)	1	16	0	1	1	1
2047	0.00%	0	(0)	1	16	0	1	0	1
2048	0.00%	0	(0)	0	17	0	0	0	0

* Column not specified in workbook

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1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (¢/kWh)	AVOIDED MARGINAL FUEL COST (¢/kWh)	INCREASED MARGINAL FUEL COST (¢/kWh)	REPLACEMENT FUEL COST (¢/kWh)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KW EFFECTIVENESS FACTOR
2013	1	1	3.53	5.61	3.56	0.00	1.00	1.00
2014	1	1	3.71	5.48	3.73	0.00	1.00	1.00
2015	1	1	3.95	5.39	3.97	0.00	1.00	1.00
2016	1	1	4.36	6.01	4.38	0.00	1.00	1.00
2017	1	1	4.72	6.74	4.75	0.00	1.00	1.00
2018	1	1	5.06	7.34	5.09	0.00	1.00	1.00
2019	1	1	5.41	8.10	5.44	6.13	1.00	1.00
2020	1	1	5.90	8.98	5.93	6.27	1.00	1.00
2021	1	1	6.25	9.22	6.29	6.60	1.00	1.00
2022	1	1	6.52	9.46	6.56	6.78	1.00	1.00
2023	1	1	6.75	9.32	6.80	7.11	1.00	1.00
2024	1	1	7.29	10.60	7.35	7.70	1.00	1.00
2025	1	1	7.92	12.04	8.00	8.43	1.00	1.00
2026	1	1	8.08	11.88	8.14	8.51	1.00	1.00
2027	1	1	8.28	12.02	8.33	8.62	1.00	1.00
2028	1	1	8.36	12.07	8.41	8.63	1.00	1.00
2029	1	1	8.44	12.09	8.49	8.71	1.00	1.00
2030	1	1	8.58	12.26	8.63	8.83	1.00	1.00
2031	1	1	8.61	12.34	8.66	8.83	1.00	1.00
2032	1	1	8.55	11.43	8.60	8.74	1.00	1.00
2033	1	1	8.75	12.39	8.79	9.01	1.00	1.00
2034	1	1	8.80	12.38	8.84	9.06	1.00	1.00
2035	1	1	8.77	11.74	8.81	9.06	1.00	1.00
2036	1	1	8.97	12.64	9.01	9.29	1.00	1.00
2037	1	1	8.95	11.97	8.99	9.32	1.00	1.00
2038	1	1	9.03	11.90	9.07	9.42	1.00	1.00
2039	1	1	9.17	12.41	9.21	9.56	1.00	1.00
2040	1	1	9.20	11.97	9.23	9.63	1.00	1.00
2041	1	1	9.31	12.25	9.35	9.83	1.00	1.00
2042	1	1	9.47	12.77	9.50	10.07	1.00	1.00
2043	1	1	9.55	12.32	9.59	10.20	1.00	1.00
2044	1	1	9.64	12.62	9.67	10.38	1.00	1.00
2045	1	1	9.75	12.77	9.77	10.55	1.00	1.00
2046	1	1	9.85	12.67	9.88	10.70	1.00	1.00
2047	1	1	9.98	12.73	10.00	10.87	1.00	1.00
2048	1	1	10.14	13.05	10.16	11.09	1.00	1.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	3	2	0	4	5	4
2020	3	2	0	7	9	4
2021	3	2	0	8	10	4
2022	3	2	0	8	10	4
2023	3	2	0	9	10	4
2024	2	3	0	9	10	4
2025	2	3	0	10	12	3
2026	2	3	0	10	12	3
2027	2	3	0	11	12	3
2028	2	3	0	11	12	3
2029	2	3	0	11	13	4
2030	2	3	0	11	13	4
2031	2	3	0	12	13	4
2032	2	3	0	12	13	4
2033	2	3	0	12	13	4
2034	2	3	0	12	13	4
2035	1	3	0	12	13	4
2036	1	3	0	13	14	4
2037	1	3	0	13	14	4
2038	1	4	0	13	14	4
2039	1	4	0	13	14	4
2040	1	4	0	14	14	5
2041	1	4	0	14	14	5
2042	1	4	0	14	15	5
2043	1	4	0	14	15	5
2044	1	4	0	15	15	5
2045	1	4	0	15	15	5
2046	1	4	0	15	16	5
2047	1	4	0	16	16	5
2048	1	5	0	16	16	5
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	49	98	4	355	383	123
NPV	17	24	1	87	97	33

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	0	1	0	0	0
2024	1	1	0	0	0
2025	1	1	0	0	0
2026	1	1	0	0	0
2027	1	1	0	0	0
2028	1	1	1	0	0
2029	1	1	1	0	0
2030	1	2	1	0	0
2031	1	2	1	0	0
2032	1	2	1	0	0
2033	2	2	1	0	0
2034	2	2	1	0	0
2035	2	3	1	0	1
2036	2	3	1	0	1
2037	3	3	1	0	1
2038	3	4	2	0	1
2039	3	4	2	0	1
2040	4	5	2	0	1
2041	4	5	2	0	1
2042	4	6	2	0	1
2043	5	6	3	0	1
2044	5	7	3	0	1
2045	6	7	3	0	1
2046	6	8	3	0	1
2047	7	9	4	0	2
2048	7	9	4	0	2
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	73	96	40	0	17
NPV	12	15	6	0	3

In Service of Gen Unit:
Discount Rate :
Benefit/Cost Ratio (Col(6) / Col(10))

2019	
7.29	%
1.24	

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1          RATE IMPACT TEST
2      PROGRAM METHOD SELECTED: REV_REQ
3  PROGRAM NAME: ██████████

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	INCENTIVES \$(000)	REVENUE LOSSES \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2013	0	0	3	2	0	5	2	0	0	0	2	(3)	(3)
2014	0	0	0	4	0	4	4	1	0	0	4	(0)	(3)
2015	0	0	0	4	0	4	4	1	0	0	4	(0)	(4)
2016	0	0	0	4	0	4	4	1	0	0	4	0	(4)
2017	0	0	0	5	0	5	4	1	0	0	5	(0)	(4)
2018	0	0	3	6	0	8	5	1	0	0	5	(3)	(6)
2019	0	0	0	6	0	6	9	1	0	0	10	4	(3)
2020	0	0	0	6	0	6	9	1	0	0	10	4	(1)
2021	0	0	0	6	0	6	9	0	0	0	10	3	1
2022	0	0	0	7	0	7	10	0	0	0	10	4	3
2023	0	0	3	7	0	10	10	0	0	0	11	1	3
2024	0	0	0	7	0	7	11	0	0	0	11	4	5
2025	0	0	0	7	0	7	11	0	0	0	12	5	7
2026	0	0	0	7	0	7	11	0	0	0	12	4	9
2027	0	0	0	7	0	7	11	0	0	0	12	4	10
2028	0	0	3	8	0	10	11	0	0	0	12	1	11
2029	0	0	0	8	0	8	11	0	0	0	12	4	12
2030	0	0	0	8	0	8	11	0	0	0	12	4	14
2031	0	0	0	8	0	8	12	0	0	0	12	4	15
2032	0	0	0	8	0	8	11	0	0	0	12	4	16
2033	0	0	3	9	0	12	12	0	0	0	13	1	16
2034	0	0	0	9	0	9	12	0	0	0	13	3	17
2035	0	0	0	9	0	9	12	0	0	1	12	3	17
2036	0	0	0	10	0	10	12	0	0	1	13	3	18
2037	0	0	0	10	0	10	12	0	0	1	13	3	18
2038	0	0	3	10	0	13	12	0	0	1	13	(0)	18
2039	0	0	0	11	0	11	12	0	0	1	13	3	19
2040	0	0	0	11	0	11	12	0	0	1	13	2	19
2041	0	0	0	11	0	11	12	0	0	1	14	2	19
2042	0	0	0	12	0	12	13	0	0	1	14	2	20
2043	0	0	3	12	0	15	12	0	0	1	14	(1)	20
2044	0	0	0	12	0	12	13	0	0	1	14	2	20
2045	0	0	0	13	0	13	13	0	0	1	14	2	20
2046	0	0	0	13	0	13	13	0	0	1	15	1	20
2047	0	0	0	14	0	14	13	0	0	2	15	1	20
2048	0	0	3	14	0	17	13	0	0	2	15	(2)	20
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0						

Benefit/Cost Ratio (Col(12) / Col(7)) :

page 1
29-Jan-13

1 INPUT DATA -- PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	32.53 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	43.10980 KW
(3) KW LINE LOSS PERCENTAGE	7.94 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	147,875.47 KWh
(5) KWH LINE LOSS PERCENTAGE	6.24 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 KWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58559
(5) K FACTOR FOR T & D	1.55564

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.29 %
* (11) UTILITY AFUDC RATE	6.69 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	776.56 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	39.32 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	109.68 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.14 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.69 CENTS PER kWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

page 2

1 *INPUT DATA -- PART I CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2013	0	7	0	7	3	3	53	0	0	53
2014	0	0	0	0	6	5	0	0	0	0
2015	0	0	0	0	6	5	0	0	0	0
2016	0	0	0	0	6	5	0	0	0	0
2017	0	0	0	0	7	5	0	0	0	0
2018	0	7	0	7	9	6	60	0	0	60
2019	0	0	0	0	9	6	0	0	0	0
2020	0	0	0	0	10	6	0	0	0	0
2021	0	0	0	0	10	6	0	0	0	0
2022	0	0	0	0	11	7	0	0	0	0
2023	0	7	0	7	11	7	68	0	0	68
2024	0	0	0	0	11	7	0	0	0	0
2025	0	0	0	0	12	6	0	0	0	0
2026	0	0	0	0	12	6	0	0	0	0
2027	0	0	0	0	13	6	0	0	0	0
2028	0	7	0	7	13	6	77	0	0	77
2029	0	0	0	0	13	6	0	0	0	0
2030	0	0	0	0	14	6	0	0	0	0
2031	0	0	0	0	14	7	0	0	0	0
2032	0	0	0	0	15	7	0	0	0	0
2033	0	7	0	7	16	7	87	0	0	87
2034	0	0	0	0	17	7	0	0	0	0
2035	0	0	0	0	17	7	0	0	0	0
2036	0	0	0	0	18	7	0	0	0	0
2037	0	0	0	0	19	7	0	0	0	0
2038	1	7	0	7	20	7	98	0	0	98
2039	0	0	0	0	20	7	0	0	0	0
2040	0	0	0	0	21	7	0	0	0	0
2041	0	0	0	0	22	7	0	0	0	0
2042	0	0	0	0	22	7	0	0	0	0
2043	1	7	0	7	23	7	111	0	0	111
2044	0	0	0	0	24	7	0	0	0	0
2045	0	0	0	0	25	7	0	0	0	0
2046	0	0	0	0	25	7	0	0	0	0
2047	0	0	0	0	28	7	0	0	0	0
2048	1	7	0	7	29	7	126	0	0	126
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	4	54	0	57	553	231	681	0	0	681
NPV	1	21	0	22	150	80	218	0	0	218

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

page 3

1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRECI. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	42	1	0	2	2	1	0	1	7	7	7	41
2020	40	1	0	2	1	1	0	1	7	6	14	42
2021	38	1	0	2	1	1	0	1	7	6	19	43
2022	37	1	0	2	1	1	0	1	6	5	25	44
2023	35	1	0	2	1	1	0	1	6	5	29	46
2024	33	1	0	2	1	1	0	1	6	4	34	47
2025	31	1	0	2	1	1	0	1	6	4	37	48
2026	30	1	0	2	1	1	0	1	6	3	41	49
2027	28	1	0	2	1	1	0	1	5	3	44	50
2028	26	1	0	2	1	1	0	1	5	3	46	52
2029	25	1	0	1	1	0	0	1	5	2	49	53
2030	23	1	0	1	1	0	0	1	5	2	51	54
2031	22	0	0	1	1	0	0	1	4	2	53	56
2032	20	0	0	1	1	0	0	1	4	2	55	57
2033	19	0	0	1	1	0	0	1	4	2	56	58
2034	17	0	0	1	0	0	0	1	4	1	58	60
2035	15	0	0	1	0	0	0	1	4	1	59	61
2036	14	0	0	1	0	0	0	1	3	1	60	63
2037	12	0	0	1	0	0	0	1	3	1	61	64
2038	11	0	0	1	0	0	0	1	3	1	61	66
2039	9	0	0	1	1	0	0	1	(0)	3	1	62
2040	8	0	0	0	1	0	0	1	(1)	3	1	63
2041	7	0	0	0	1	0	0	1	(1)	2	1	63
2042	6	0	0	0	1	0	0	1	(1)	2	0	64
2043	5	0	0	0	1	0	0	1	(1)	2	0	64
2044	4	0	0	0	1	0	0	1	(1)	2	0	64
2045	3	0	0	0	1	0	0	1	(1)	2	0	65
2046	3	0	0	0	1	0	0	1	(1)	2	0	65
2047	2	0	0	0	1	0	0	1	(1)	2	0	65
2048	1	0	0	0	1	0	0	1	(1)	2	0	65

IN SERVICE COST (\$000)	41
IN SERVICE YEAR	2019
BOOKLIFE (YRS)	30
EFFEC. TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	41%	5.50%
P/S	0%	0.00%
C/S	59%	10.00%

K-FACTOR = CPWFC / IN-SVC COST = 1.58539

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	2	2	1	1	1	1	0	2	0	0	0	0	(1)
2020	7.22%	3	4	1	3	1	3	1	2	0	0	0	1	0
2021	6.68%	3	7	1	4	1	4	1	2	0	0	0	1	1
2022	6.18%	3	10	1	6	1	5	0	2	0	0	0	0	1
2023	5.71%	2	12	1	7	1	7	0	2	0	0	0	0	2
2024	5.29%	2	14	1	8	1	8	0	2	0	0	0	0	2
2025	4.89%	2	16	1	10	1	9	0	2	0	0	0	0	2
2026	4.52%	2	18	1	11	1	10	0	2	0	0	0	0	2
2027	4.46%	2	20	1	12	1	12	0	2	0	0	0	0	2
2028	4.46%	2	22	1	14	1	13	0	2	0	0	0	0	3
2029	4.46%	2	23	1	15	1	14	0	2	0	0	0	0	3
2030	4.46%	2	25	1	17	1	16	0	2	0	0	0	0	3
2031	4.46%	2	27	1	18	1	17	0	2	0	0	0	0	3
2032	4.46%	2	29	1	19	1	18	0	2	0	0	0	0	3
2033	4.46%	2	31	1	21	1	20	0	2	0	0	0	0	4
2034	4.46%	2	32	1	22	1	21	0	2	0	0	0	0	4
2035	4.46%	2	34	1	23	1	22	0	2	0	0	0	0	4
2036	4.46%	2	36	1	25	1	23	0	2	0	0	0	0	4
2037	4.46%	2	38	1	26	1	25	0	2	0	0	0	0	4
2038	4.46%	2	40	1	28	1	26	0	2	0	0	0	0	5
2039	2.23%	1	41	1	29	1	27	(0)	2	0	0	0	(0)	5
2040	0.00%	0	41	1	30	1	28	(1)	2	0	0	0	(1)	4
2041	0.00%	0	41	1	32	1	30	(1)	2	0	0	0	(1)	4
2042	0.00%	0	41	1	33	1	31	(1)	2	0	0	0	(1)	3
2043	0.00%	0	41	1	34	1	33	(1)	2	0	0	0	(1)	3
2044	0.00%	0	41	1	36	1	34	(1)	2	0	0	0	(1)	2
2045	0.00%	0	41	1	37	1	35	(1)	2	0	0	0	(1)	2
2046	0.00%	0	41	1	39	1	36	(1)	2	0	0	0	(1)	1
2047	0.00%	0	41	1	40	1	38	(1)	2	0	0	0	(1)	1
2048	0.00%	0	41	1	41	1	39	(1)	2	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	END OF YEAR NET PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2019	3.75%	2	0	40	1	(1)	42	40	41
2020	7.22%	3	1	39	3	0	40	38	39
2021	6.68%	3	1	37	4	1	38	37	37
2022	6.18%	3	0	36	6	1	37	35	36
2023	5.71%	2	0	34	7	2	35	33	34
2024	5.29%	2	0	33	8	2	33	31	32
2025	4.89%	2	0	32	10	2	31	30	30
2026	4.52%	2	0	30	11	2	30	28	29
2027	4.46%	2	0	29	12	2	28	26	27
2028	4.46%	2	0	28	14	3	26	25	26
2029	4.46%	2	0	26	15	3	25	23	24
2030	4.46%	2	0	25	17	3	23	22	22
2031	4.46%	2	0	23	18	3	22	20	21
2032	4.46%	2	0	22	19	3	20	19	19
2033	4.46%	2	0	21	21	4	19	17	18
2034	4.46%	2	0	19	22	4	17	15	16
2035	4.46%	2	0	18	23	4	15	14	15
2036	4.46%	2	0	17	25	4	14	12	13
2037	4.46%	2	0	15	26	4	12	11	11
2038	4.46%	2	0	14	28	5	11	9	10
2039	2.23%	1	(0)	12	29	5	9	8	8
2040	0.00%	0	(1)	11	30	4	8	7	7
2041	0.00%	0	(1)	10	32	4	7	6	7
2042	0.00%	0	(1)	8	33	3	6	5	6
2043	0.00%	0	(1)	7	34	3	5	4	5
2044	0.00%	0	(1)	6	36	2	4	3	4
2045	0.00%	0	(1)	4	37	2	3	3	3
2046	0.00%	0	(1)	3	39	1	3	2	2
2047	0.00%	0	(1)	1	40	1	2	1	1
2048	0.00%	0	(1)	0	41	0	1	0	0

* Column not specified in workbook

page 6

1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2013	1	1	3.53	5.61	3.54	0.00	1.00	1.00
2014	1	1	3.71	5.78	3.72	0.00	1.00	1.00
2015	1	1	3.93	5.72	3.96	0.00	1.00	1.00
2016	1	1	4.36	6.07	4.37	0.00	1.00	1.00
2017	1	1	4.72	6.93	4.73	0.00	1.00	1.00
2018	1	1	5.06	7.59	5.07	0.00	1.00	1.00
2019	1	1	5.41	8.62	5.42	6.13	1.00	1.00
2020	1	1	5.90	9.64	5.91	6.27	1.00	1.00
2021	1	1	6.23	9.42	6.26	6.60	1.00	1.00
2022	1	1	6.52	10.00	6.53	6.78	1.00	1.00
2023	1	1	6.75	9.88	6.76	7.11	1.00	1.00
2024	1	1	7.29	11.07	7.31	7.70	1.00	1.00
2025	1	1	7.92	12.54	7.95	8.43	1.00	1.00
2026	1	1	8.08	12.41	8.10	8.51	1.00	1.00
2027	1	1	8.28	12.62	8.30	8.62	1.00	1.00
2028	1	1	8.36	12.69	8.37	8.63	1.00	1.00
2029	1	1	8.44	12.81	8.46	8.71	1.00	1.00
2030	1	1	8.58	13.00	8.59	8.83	1.00	1.00
2031	1	1	8.61	13.25	8.63	8.83	1.00	1.00
2032	1	1	8.55	12.51	8.57	8.74	1.00	1.00
2033	1	1	8.75	13.52	8.76	9.01	1.00	1.00
2034	1	1	8.80	13.49	8.81	9.06	1.00	1.00
2035	1	1	8.77	12.59	8.79	9.06	1.00	1.00
2036	1	1	8.97	13.94	8.98	9.29	1.00	1.00
2037	1	1	8.95	12.68	8.96	9.32	1.00	1.00
2038	1	1	9.03	12.71	9.04	9.42	1.00	1.00
2039	1	1	9.17	13.28	9.18	9.56	1.00	1.00
2040	1	1	9.20	12.43	9.21	9.63	1.00	1.00
2041	1	1	9.31	12.85	9.32	9.83	1.00	1.00
2042	1	1	9.47	13.30	9.48	10.07	1.00	1.00
2043	1	1	9.55	12.84	9.56	10.20	1.00	1.00
2044	1	1	9.64	13.15	9.65	10.38	1.00	1.00
2045	1	1	9.75	13.33	9.76	10.55	1.00	1.00
2046	1	1	9.85	13.14	9.86	10.70	1.00	1.00
2047	1	1	9.98	13.17	9.99	10.87	1.00	1.00
2048	1	1	10.14	13.45	10.15	11.09	1.00	1.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

page 8a

1 AVOIDED GENERATING EMISSION IMPACT
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)
	AVOIDED OEN UNIT	REPLACEMENT	PROGRAM	OFF-PEAK	NET
YEAR	EMISSION BENEFIT \$(000)	EMISSION COST \$(000)	EMISSION BENEFIT \$(000)	EMISSION PAYBACK COST \$(000)	EMISSION BENEFIT \$(000)
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	1	1	1	0	0
2024	1	2	1	0	0
2025	1	2	1	0	0
2026	2	2	1	0	0
2027	2	3	1	0	1
2028	2	3	1	0	1
2029	3	3	1	0	1
2030	3	4	2	0	1
2031	3	4	2	0	1
2032	4	5	2	0	1
2033	4	5	2	0	1
2034	5	6	3	0	1
2035	5	7	3	0	1
2036	6	8	3	0	1
2037	6	8	4	0	2
2038	7	9	4	0	2
2039	8	10	4	0	2
2040	9	11	5	0	2
2041	10	13	5	0	2
2042	11	14	6	0	3
2043	12	15	6	0	3
2044	13	17	7	0	3
2045	14	18	7	0	3
2046	15	20	8	0	4
2047	17	22	9	0	4
2048	18	23	10	0	4
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	181	236	99	0	44
NPV	28	37	16	0	8

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1      TOTAL RESOURCE COST TEST
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ██████████

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Benefit/Cost Ratio (Col(11) / Col(6)) :

729 8

139

page 1
27-Nov-12

1 INPUT DATA -- PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	1,378.00 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	1,826.05768 kW
(3) kW LINE LOSS PERCENTAGE	7.94 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	11,266,074.74 kWh
(5) kWh LINE LOSS PERCENTAGE	6.24 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	37 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58562
(5) K FACTOR FOR T & D	1.55564

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.29 %
* (11) UTILITY AFUDC RATE	6.69 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2015-2019
(4) BASE YEAR AVOIDED GENERATING COST	776.56 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	39.32 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	109.68 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.14 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.69 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

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1 *INPUT DATA -- PART I CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2012	2	284	0	286	280	83	3,366	0	0	3,366
2013	0	0	0	0	527	172	0	0	0	0
2014	0	0	0	0	514	170	0	0	0	0
2015	0	0	0	0	524	169	0	0	0	0
2016	0	0	0	0	528	163	0	0	0	0
2017	0	0	0	0	602	175	0	0	0	0
2018	0	0	0	0	730	182	0	0	0	0
2019	0	0	0	0	765	190	0	0	0	0
2020	0	0	0	0	794	202	0	0	0	0
2021	0	0	0	0	839	211	0	0	0	0
2022	0	0	0	0	875	213	0	0	0	0
2023	0	0	0	0	883	212	0	0	0	0
2024	0	0	0	0	930	209	0	0	0	0
2025	0	0	0	0	974	203	0	0	0	0
2026	3	284	0	287	997	202	4,756	0	0	4,756
2027	0	0	0	0	1,029	202	0	0	0	0
2028	0	0	0	0	1,052	202	0	0	0	0
2029	0	0	0	0	1,079	202	0	0	0	0
2030	0	0	0	0	1,116	204	0	0	0	0
2031	0	0	0	0	1,148	205	0	0	0	0
2032	0	0	0	0	1,201	207	0	0	0	0
2033	0	0	0	0	1,295	211	0	0	0	0
2034	0	0	0	0	1,350	213	0	0	0	0
2035	0	0	0	0	1,382	212	0	0	0	0
2036	0	0	0	0	1,479	214	0	0	0	0
2037	0	0	0	0	1,530	214	0	0	0	0
2038	0	0	0	0	1,572	214	0	0	0	0
2039	0	0	0	0	1,629	214	0	0	0	0
2040	5	284	0	289	1,676	216	6,719	0	0	6,719
2041	0	0	0	0	1,730	217	0	0	0	0
2042	0	0	0	0	1,787	219	0	0	0	0
2043	0	0	0	0	1,845	221	0	0	0	0
2044	0	0	0	0	1,924	223	0	0	0	0
2045	0	0	0	0	2,007	224	0	0	0	0
2046	0	0	0	0	2,094	226	0	0	0	0
2047	0	0	0	0	2,185	228	0	0	0	0
2048	0	0	0	0	2,280	230	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	10	852	0	862	45,150	7,473	14,841	0	0	14,841
NPV	4	429	0	434	11,970	2,536	6,077	0	0	6,077

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	BEG-YEAR RATE BASE	DEBT	PREFERRED STOCK	COMMON EQUITY	INCOME TAXES	PROPERTY TAX	PROPERTY INSURANCE	DEPREC.	DEFERRED TAXES	TOTAL FIXED CHARGES	PRESENT WORTH FIXED CHARGES	CUMULATIVE PW FIXED CHARGES	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2019	1,828	41	0	108	66	33	1	60	4	313	313	313	1,801
2020	1,764	40	0	104	40	32	1	60	27	304	283	596	1,846
2021	1,676	38	0	99	40	31	1	60	24	293	254	850	1,892
2022	1,592	36	0	94	41	30	1	60	20	282	228	1,078	1,939
2023	1,512	34	0	89	41	28	1	60	17	271	204	1,283	1,988
2024	1,435	32	0	85	41	27	1	60	14	261	183	1,466	2,037
2025	1,361	31	0	80	41	26	1	60	12	251	164	1,630	2,088
2026	1,289	29	0	76	41	25	1	60	9	241	147	1,778	2,140
2027	1,220	27	0	72	39	24	1	60	9	232	132	1,910	2,194
2028	1,151	26	0	68	36	23	1	60	9	223	118	2,028	2,249
2029	1,083	24	0	64	34	22	1	60	9	213	105	2,133	2,305
2030	1,014	23	0	60	31	20	1	60	9	204	94	2,227	2,363
2031	945	21	0	56	29	19	1	60	9	195	84	2,311	2,422
2032	877	20	0	52	26	18	1	60	9	185	74	2,385	2,482
2033	808	18	0	48	23	17	1	60	9	176	66	2,451	2,544
2034	740	17	0	44	21	16	1	60	9	167	58	2,509	2,608
2035	671	15	0	40	18	15	1	60	9	158	51	2,560	2,673
2036	602	14	0	36	16	14	1	60	9	148	45	2,605	2,740
2037	534	12	0	32	13	12	1	60	9	139	39	2,644	2,808
2038	465	10	0	27	11	11	1	60	9	130	34	2,678	2,879
2039	396	9	0	23	23	10	1	60	(7)	121	30	2,708	2,950
2040	343	8	0	20	37	9	1	60	(22)	113	26	2,734	3,024
2041	305	7	0	18	35	8	1	60	(22)	108	23	2,757	3,100
2042	267	6	0	16	34	7	1	60	(22)	102	20	2,777	3,177
2043	229	5	0	14	32	6	2	60	(22)	96	18	2,795	3,257
2044	191	4	0	11	31	5	2	60	(22)	91	16	2,810	3,338
2045	152	3	0	9	30	3	2	60	(22)	85	14	2,824	3,422
2046	114	3	0	7	28	2	2	60	(22)	80	12	2,836	3,507
2047	76	2	0	5	27	1	2	60	(22)	74	10	2,846	3,595
2048	38	1	0	2	25	(0)	2	60	(22)	68	9	2,855	3,685

IN SERVICE COST (\$000)	1,801
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	41%	5.50	%
P/S	0%	0.00	%
C/S	59%	10.00	%

K-FACTOR = $\frac{CFWFC}{IN-SVC\ COST}$ = 1.58562

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS L/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	67	67	60	60	57	57	4	97	0	0	0	4	(23)
2020	7.22%	128	195	60	120	57	114	27	97	0	0	0	27	4
2021	6.68%	118	313	60	180	57	170	24	97	0	0	0	24	28
2022	6.18%	110	423	60	240	57	227	20	97	0	0	0	20	48
2023	5.71%	101	524	60	300	57	284	17	97	0	0	0	17	66
2024	5.29%	94	618	60	360	57	341	14	97	0	0	0	14	80
2025	4.89%	87	704	60	420	57	397	12	97	0	0	0	12	91
2026	4.52%	80	784	60	480	57	454	9	97	0	0	0	9	100
2027	4.46%	79	864	60	540	57	511	9	97	0	0	0	9	109
2028	4.46%	79	943	60	600	57	568	9	97	0	0	0	9	118
2029	4.46%	79	1,022	60	660	57	625	9	97	0	0	0	9	126
2030	4.46%	79	1,101	60	720	57	681	9	97	0	0	0	9	135
2031	4.46%	79	1,180	60	780	57	738	9	97	0	0	0	9	143
2032	4.46%	79	1,259	60	840	57	795	9	97	0	0	0	9	152
2033	4.46%	79	1,338	60	900	57	852	9	97	0	0	0	9	161
2034	4.46%	79	1,417	60	960	57	909	9	97	0	0	0	9	169
2035	4.46%	79	1,497	60	1,020	57	965	9	97	0	0	0	9	178
2036	4.46%	79	1,576	60	1,080	57	1,022	9	97	0	0	0	9	187
2037	4.46%	79	1,655	60	1,140	57	1,079	9	97	0	0	0	9	195
2038	4.46%	79	1,734	60	1,200	57	1,136	9	97	0	0	0	9	204
2039	2.23%	40	1,773	60	1,260	57	1,192	(7)	97	0	0	0	(7)	197
2040	0.00%	0	1,773	60	1,320	57	1,249	(22)	97	0	0	0	(22)	175
2041	0.00%	0	1,773	60	1,380	57	1,306	(22)	97	0	0	0	(22)	153
2042	0.00%	0	1,773	60	1,440	57	1,363	(22)	97	0	0	0	(22)	131
2043	0.00%	0	1,773	60	1,500	57	1,420	(22)	97	0	0	0	(22)	110
2044	0.00%	0	1,773	60	1,561	57	1,476	(22)	97	0	0	0	(22)	88
2045	0.00%	0	1,773	60	1,621	57	1,533	(22)	97	0	0	0	(22)	66
2046	0.00%	0	1,773	60	1,681	57	1,590	(22)	97	0	0	0	(22)	44
2047	0.00%	0	1,773	60	1,741	57	1,647	(22)	97	0	0	0	(22)	22
2048	0.00%	0	1,773	60	1,801	57	1,704	(22)	97	0	0	0	(22)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(27)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	97
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION	(5b)* ACCUMULATED DEF TAXES	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2019	3.75%	67	4	1,741	60	(23)	1,828	1,764	1,796
2020	7.22%	128	27	1,681	120	4	1,764	1,676	1,720
2021	6.63%	118	24	1,621	180	28	1,676	1,592	1,634
2022	6.18%	110	20	1,561	240	48	1,592	1,512	1,552
2023	5.71%	101	17	1,500	300	66	1,512	1,435	1,473
2024	5.29%	94	14	1,440	360	80	1,435	1,361	1,398
2025	4.89%	87	12	1,380	420	91	1,361	1,289	1,325
2026	4.52%	80	9	1,320	480	100	1,289	1,220	1,255
2027	4.46%	79	9	1,260	540	109	1,220	1,151	1,186
2028	4.46%	79	9	1,200	600	118	1,151	1,083	1,117
2029	4.46%	79	9	1,140	660	126	1,083	1,014	1,048
2030	4.46%	79	9	1,080	720	135	1,014	945	980
2031	4.46%	79	9	1,020	780	143	945	877	911
2032	4.46%	79	9	960	840	152	877	808	843
2033	4.46%	79	9	900	900	161	808	740	774
2034	4.46%	79	9	840	960	169	740	671	705
2035	4.46%	79	9	780	1,020	178	671	602	637
2036	4.46%	79	9	720	1,080	187	602	534	568
2037	4.46%	79	9	660	1,140	195	534	465	499
2038	4.46%	79	9	600	1,200	204	465	396	431
2039	2.23%	40	(7)	540	1,260	197	396	343	370
2040	0.00%	0	(22)	480	1,320	175	343	305	324
2041	0.00%	0	(22)	420	1,380	153	305	267	286
2042	0.00%	0	(22)	360	1,440	131	267	229	248
2043	0.00%	0	(22)	300	1,500	110	229	191	210
2044	0.00%	0	(22)	240	1,561	88	191	152	171
2045	0.00%	0	(22)	180	1,621	66	152	114	133
2046	0.00%	0	(22)	120	1,681	44	114	76	95
2047	0.00%	0	(22)	60	1,741	22	76	38	57
2048	0.00%	0	(22)	(0)	1,801	0	38	0	19

* Column not specified in workbook

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1 INPUT DATA -- PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kW EFFECTIVENESS FACTOR
2012	1	1	3.24	5.86	3.24	0.00	1.00	1.00
2013	1	1	3.53	5.33	3.53	0.00	1.00	1.00
2014	1	1	3.71	5.83	3.71	0.00	1.00	1.00
2015	1	1	3.95	5.76	3.95	0.00	1.00	1.00
2016	1	1	4.36	6.11	4.36	0.00	1.00	1.00
2017	1	1	4.72	7.23	4.72	0.00	1.00	1.00
2018	1	1	5.06	8.04	5.06	0.00	1.00	1.00
2019	1	1	5.41	9.56	5.41	6.13	1.00	1.00
2020	1	1	5.90	10.73	5.90	6.27	1.00	1.00
2021	1	1	6.25	9.78	6.25	6.60	1.00	1.00
2022	1	1	6.52	10.21	6.52	6.78	1.00	1.00
2023	1	1	6.75	10.13	6.75	7.11	1.00	1.00
2024	1	1	7.29	11.48	7.29	7.70	1.00	1.00
2025	1	1	7.92	13.41	7.92	8.43	1.00	1.00
2026	1	1	8.08	12.93	8.08	8.51	1.00	1.00
2027	1	1	8.28	13.19	8.28	8.62	1.00	1.00
2028	1	1	8.36	13.36	8.36	8.63	1.00	1.00
2029	1	1	8.44	13.52	8.44	8.71	1.00	1.00
2030	1	1	8.58	13.63	8.58	8.83	1.00	1.00
2031	1	1	8.61	13.98	8.61	8.83	1.00	1.00
2032	1	1	8.55	13.62	8.55	8.74	1.00	1.00
2033	1	1	8.75	14.25	8.75	9.01	1.00	1.00
2034	1	1	8.80	14.32	8.80	9.06	1.00	1.00
2035	1	1	8.77	13.48	8.77	9.06	1.00	1.00
2036	1	1	8.97	14.82	8.97	9.29	1.00	1.00
2037	1	1	8.95	13.75	8.95	9.32	1.00	1.00
2038	1	1	9.03	13.85	9.03	9.42	1.00	1.00
2039	1	1	9.17	14.30	9.17	9.56	1.00	1.00
2040	1	1	9.20	13.71	9.20	9.63	1.00	1.00
2041	1	1	9.31	14.11	9.31	9.83	1.00	1.00
2042	1	1	9.47	14.58	9.47	10.07	1.00	1.00
2043	1	1	9.55	13.74	9.55	10.20	1.00	1.00
2044	1	1	9.64	14.30	9.64	10.38	1.00	1.00
2045	1	1	9.75	14.22	9.75	10.55	1.00	1.00
2046	1	1	9.85	13.95	9.85	10.70	1.00	1.00
2047	1	1	9.98	13.77	9.98	10.87	1.00	1.00
2048	1	1	10.14	14.28	10.14	11.09	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2012	0	0	0	0	0	0
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	313	238	6	415	542	430
2020	304	244	11	770	947	382
2021	293	250	11	825	993	385
2022	282	256	11	876	1,006	418
2023	271	263	11	915	1,025	435
2024	261	269	11	964	1,095	411
2025	251	276	12	1,041	1,215	363
2026	241	283	12	1,076	1,246	367
2027	232	290	13	1,117	1,290	361
2028	223	297	13	1,139	1,294	378
2029	213	305	13	1,160	1,307	384
2030	204	312	14	1,185	1,329	386
2031	195	320	14	1,205	1,328	405
2032	185	328	14	1,230	1,319	439
2033	176	336	15	1,258	1,368	418
2034	167	345	15	1,282	1,377	432
2035	158	353	16	1,306	1,379	454
2036	148	362	16	1,332	1,417	442
2037	139	371	17	1,355	1,420	462
2038	130	381	17	1,380	1,436	471
2039	121	390	17	1,404	1,457	476
2040	113	400	18	1,429	1,468	493
2041	108	410	18	1,455	1,499	492
2042	102	420	19	1,483	1,536	487
2043	96	431	19	1,509	1,556	499
2044	91	441	20	1,536	1,584	504
2045	85	452	20	1,564	1,610	511
2046	80	464	21	1,592	1,633	523
2047	74	475	21	1,620	1,659	532
2048	68	487	22	1,649	1,692	535
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	5,323	10,452	457	37,073	40,029	13,274
NPV	1,744	2,429	104	8,472	9,440	3,309

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME : ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
	AVOIDED TRANSMISSION CAP COST \$(000)	AVOIDED TRANSMISSION O&M COST \$(000)	TOTAL AVOIDED TRANSMISSION COST \$(000)	AVOIDED DISTRIBUTION CAP COST \$(000)	AVOIDED DISTRIBUTION O&M COST \$(000)	TOTAL AVOIDED DISTRIBUTION COST \$(000)	PROGRAM FUEL SAVINGS \$(000)	PROGRAM OFF-PEAK PAYBACK \$(000)
YEAR								
2012	0	0	0	0	0	0	361	0
2013	45	6	51	9	2	11	642	0
2014	44	6	50	9	2	11	705	0
2015	42	6	49	9	2	10	690	0
2016	41	7	47	8	2	10	728	0
2017	39	7	46	8	2	10	873	0
2018	38	7	45	8	2	10	974	0
2019	37	7	44	8	2	9	1,172	0
2020	36	7	43	7	2	9	1,320	0
2021	34	7	42	7	2	9	1,183	0
2022	33	8	41	7	2	9	1,236	0
2023	32	8	40	6	2	8	1,220	0
2024	31	8	39	6	2	8	1,390	0
2025	30	8	38	6	2	8	1,638	0
2026	28	8	37	6	2	8	1,568	0
2027	27	9	36	5	2	8	1,599	0
2028	26	9	35	5	2	7	1,620	0
2029	25	9	34	5	2	7	1,640	0
2030	23	9	33	4	2	7	1,652	0
2031	22	10	32	4	3	7	1,699	0
2032	21	10	31	4	3	6	1,652	0
2033	20	10	30	4	3	6	1,733	0
2034	19	10	29	3	3	6	1,741	0
2035	19	11	29	3	3	6	1,627	0
2036	18	11	29	3	3	6	1,804	0
2037	17	11	28	3	3	6	1,659	0
2038	17	11	28	3	3	6	1,672	0
2039	16	12	28	3	3	6	1,729	0
2040	15	12	27	2	3	6	1,648	0
2041	15	12	27	2	3	6	1,701	0
2042	14	13	27	2	3	5	1,760	0
2043	13	13	26	0	3	3	1,644	0
2044	13	13	26	0	3	3	1,718	0
2045	12	14	26	0	4	4	1,706	0
2046	12	14	26	0	4	4	1,667	0
2047	11	14	25	0	4	4	1,639	0
2048	11	15	25	0	4	4	1,704	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
NOM.	897	351	1,248	159	92	251	52,714	0
NPV	405	103	508	80	27	107	15,789	0

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2012	0	0	4	0	4
2013	0	0	9	0	9
2014	0	0	9	0	9
2015	0	0	7	0	7
2016	0	0	4	0	4
2017	0	0	5	0	5
2018	0	0	5	0	5
2019	0	0	5	0	5
2020	0	1	4	0	4
2021	0	1	5	0	5
2022	0	0	5	0	4
2023	47	61	52	0	38
2024	53	69	62	0	46
2025	62	80	71	0	52
2026	71	93	82	0	60
2027	83	108	93	0	67
2028	94	122	102	0	74
2029	107	140	113	0	81
2030	122	160	129	0	92
2031	138	180	145	0	103
2032	156	204	160	0	112
2033	177	231	181	0	127
2034	198	259	202	0	141
2035	222	289	224	0	156
2036	248	323	251	0	176
2037	275	359	271	0	187
2038	305	398	300	0	207
2039	337	440	332	0	230
2040	372	485	365	0	252
2041	410	534	403	0	278
2042	451	588	442	0	305
2043	494	644	482	0	332
2044	540	704	528	0	363
2045	590	769	575	0	395
2046	643	838	626	0	431
2047	700	912	677	0	464
2048	760	991	736	0	505
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	7,656	9,984	7,662	0	5,334
NPV	1,124	1,466	1,183	0	840

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Benefit/Cost Ratio (Col(11) / Col(6)) :

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1 PARTICIPANT COSTS AND BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O&M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2012	421	0	284	0	705	3,366	0	0	3,366	(2,661)	(2,661)
2013	807	0	0	0	807	0	0	0	0	807	(1,909)
2014	789	0	0	0	789	0	0	0	0	789	(1,224)
2015	800	0	0	0	800	0	0	0	0	800	(576)
2016	800	0	0	0	800	0	0	0	0	800	27
2017	900	0	0	0	900	0	0	0	0	900	660
2018	1,061	0	0	0	1,061	0	0	0	0	1,061	1,356
2019	1,112	0	0	0	1,112	0	0	0	0	1,112	2,036
2020	1,158	0	0	0	1,158	0	0	0	0	1,158	2,695
2021	1,221	0	0	0	1,221	0	0	0	0	1,221	3,343
2022	1,267	0	0	0	1,267	0	0	0	0	1,267	3,970
2023	1,275	0	0	0	1,275	0	0	0	0	1,275	4,558
2024	1,329	0	0	0	1,329	0	0	0	0	1,329	5,129
2025	1,377	0	0	0	1,377	0	0	0	0	1,377	5,680
2026	1,403	0	284	0	1,687	4,756	0	0	4,756	(3,069)	4,535
2027	1,442	0	0	0	1,442	0	0	0	0	1,442	5,037
2028	1,470	0	0	0	1,470	0	0	0	0	1,470	5,513
2029	1,502	0	0	0	1,502	0	0	0	0	1,502	5,967
2030	1,548	0	0	0	1,548	0	0	0	0	1,548	6,403
2031	1,588	0	0	0	1,588	0	0	0	0	1,588	6,820
2032	1,653	0	0	0	1,653	0	0	0	0	1,653	7,225
2033	1,771	0	0	0	1,771	0	0	0	0	1,771	7,629
2034	1,840	0	0	0	1,840	0	0	0	0	1,840	8,020
2035	1,878	0	0	0	1,878	0	0	0	0	1,878	8,392
2036	1,996	0	0	0	1,996	0	0	0	0	1,996	8,760
2037	2,058	0	0	0	2,058	0	0	0	0	2,058	9,114
2038	2,108	0	0	0	2,108	0	0	0	0	2,108	9,452
2039	2,176	0	0	0	2,176	0	0	0	0	2,176	9,777
2040	2,235	0	284	0	2,519	6,719	0	0	6,719	(4,200)	9,192
2041	2,302	0	0	0	2,302	0	0	0	0	2,302	9,491
2042	2,372	0	0	0	2,372	0	0	0	0	2,372	9,778
2043	2,444	0	0	0	2,444	0	0	0	0	2,444	10,054
2044	2,541	0	0	0	2,541	0	0	0	0	2,541	10,321
2045	2,642	0	0	0	2,642	0	0	0	0	2,642	10,580
2046	2,749	0	0	0	2,749	0	0	0	0	2,749	10,831
2047	2,860	0	0	0	2,860	0	0	0	0	2,860	11,074
2048	2,977	0	0	0	2,977	0	0	0	0	2,977	11,310
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
NOM	61,871	0	832	0	62,723	14,841	0	0	14,841	47,882	
NPV	16,958	0	429	0	17,387	6,077	0	0	6,077	11,310	

In Service of Gen Unit:
Discount Rate :
Benefit/Cost Ratio (Col(6) / Col(10))

2019
7.29 %
2.86

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Discount Rate	7.29	%
Benefit/Cost Ratio (Col(12) / Col(7)) :	1.38	

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1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV. REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	564.08 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	747.68435 KW
(3) KW LINE LOSS PERCENTAGE	7.94 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	2,722,132.63 KWh
(5) KWH LINE LOSS PERCENTAGE	6.24 %
(6) GROUP LINE LOSS MULTIPLIER	1.06
(7) CUSTOMER KWH INCREASE AT METER	0.00 KWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58559
(5) K FACTOR FOR T & D	1.55564

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	7.29 %
(11) UTILITY AFUDC RATE	6.69 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	776.56 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	145.48 \$/KW
(6) BASE YEAR DISTRIBUTION COST	35.32 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	109.68 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/KW
(11) DISTRIBUTION FIXED O & M COST	1.14 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.69 CENTS PER KWH** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/KWH
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
UTILITY PROGRAM COSTS WITHOUT INCENTIVES	UTILITY INCENTIVES	OTHER UTILITY COSTS	TOTAL UTILITY PROGRAM COSTS	ENERGY CHARGE REVENUE LOSSES	DEMAND CHARGE REVENUE LOSSES	PARTICIPANT EQUIPMENT COSTS	PARTICIPANT O&M COSTS	OTHER PARTICIPANT COSTS	TOTAL PARTICIPANT COSTS
\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	1	117	0	118	67	34	919	0	919
2014	0	0	0	0	114	66	0	0	0
2015	0	0	0	0	117	65	0	0	0
2016	0	0	0	0	118	62	0	0	0
2017	0	0	0	0	134	67	0	0	0
2018	0	0	0	0	163	71	0	0	0
2019	0	0	0	0	171	76	0	0	0
2020	0	0	0	0	177	82	0	0	0
2021	0	0	0	0	187	86	0	0	0
2022	0	0	0	0	195	84	0	0	0
2023	1	117	0	118	197	79	1,176	0	1,176
2024	0	0	0	0	207	76	0	0	0
2025	0	0	0	0	217	73	0	0	0
2026	0	0	0	0	222	73	0	0	0
2027	0	0	0	0	230	73	0	0	0
2028	0	0	0	0	235	73	0	0	0
2029	0	0	0	0	241	73	0	0	0
2030	0	0	0	0	249	73	0	0	0
2031	0	0	0	0	256	74	0	0	0
2032	0	0	0	0	268	74	0	0	0
2033	2	117	0	118	289	76	1,506	0	1,506
2034	0	0	0	0	301	76	0	0	0
2035	0	0	0	0	309	76	0	0	0
2036	0	0	0	0	330	77	0	0	0
2037	0	0	0	0	342	77	0	0	0
2038	0	0	0	0	351	77	0	0	0
2039	0	0	0	0	364	77	0	0	0
2040	0	0	0	0	374	77	0	0	0
2041	0	0	0	0	386	78	0	0	0
2042	0	0	0	0	399	78	0	0	0
2043	2	117	0	119	412	79	1,928	0	1,928
2044	0	0	0	0	430	80	0	0	0
2045	0	0	0	0	448	80	0	0	0
2046	0	0	0	0	468	81	0	0	0
2047	0	0	0	0	488	81	0	0	0
2048	0	0	0	0	509	82	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
NOM	6	467	0	473	9,967	2,685	5,529	0	5,529
NPV	2	217	0	219	2,748	959	2,103	0	2,103

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV REQ
3 PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRECIATION \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
YEAR												
2019	726	16	0	43	26	13	0	24	1	124	124	716
2020	701	16	0	41	16	13	0	24	11	121	113	733
2021	666	15	0	39	16	12	0	24	9	116	101	752
2022	633	14	0	37	16	12	0	24	8	112	91	771
2023	601	14	0	36	16	11	0	24	7	108	81	790
2024	570	13	0	34	16	11	0	24	6	104	73	810
2025	541	12	0	32	16	10	0	24	5	100	65	830
2026	512	12	0	30	16	10	0	24	4	96	59	851
2027	485	11	0	29	15	9	0	24	3	92	52	872
2028	458	10	0	27	14	9	0	24	3	88	47	894
2029	430	10	0	25	13	9	0	24	3	85	42	916
2030	403	9	0	24	12	8	0	24	3	81	37	939
2031	376	8	0	22	11	8	0	24	3	77	33	962
2032	348	8	0	21	10	7	0	24	3	74	30	986
2033	321	7	0	19	9	7	0	24	3	70	26	1,011
2034	294	7	0	17	8	6	0	24	3	66	23	1,036
2035	267	6	0	16	7	6	0	24	3	63	20	1,062
2036	239	5	0	14	6	5	1	24	3	59	18	1,089
2037	212	5	0	13	5	5	1	24	3	55	16	1,116
2038	185	4	0	11	4	5	1	24	3	52	14	1,144
2039	158	4	0	9	9	4	1	24	(3)	48	12	1,173
2040	136	3	0	8	15	4	1	24	(9)	45	10	1,202
2041	121	3	0	7	14	3	1	24	(9)	43	9	1,232
2042	106	2	0	6	13	3	1	24	(9)	41	8	1,263
2043	91	2	0	5	13	2	1	24	(9)	38	7	1,294
2044	76	2	0	4	12	2	1	24	(9)	36	6	1,327
2045	61	1	0	4	12	1	1	24	(9)	34	5	1,360
2046	45	1	0	3	11	1	1	24	(9)	32	5	1,394
2047	30	1	0	2	11	0	1	24	(9)	29	4	1,429
2048	15	0	0	1	10	(0)	1	24	(9)	27	4	1,464

IN SERVICE COST (\$000)	716
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFECT. TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	%
DEBT	41%	5.50	%
P/S	0%	0.00	%
C/S	59%	10.00	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58559

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	26	26	24	24	23	23	1	39	0	0	0	1	(9)
2020	7.22%	51	77	24	48	23	45	11	39	0	0	0	11	2
2021	6.68%	47	124	24	72	23	68	9	39	0	0	0	9	11
2022	6.18%	44	168	24	95	23	90	8	39	0	0	0	8	19
2023	5.71%	40	208	24	119	23	113	7	39	0	0	0	7	26
2024	5.29%	37	245	24	143	23	135	6	39	0	0	0	6	32
2025	4.89%	34	280	24	167	23	158	5	39	0	0	0	5	36
2026	4.52%	32	312	24	191	23	181	4	39	0	0	0	4	40
2027	4.46%	31	343	24	215	23	203	3	39	0	0	0	3	43
2028	4.46%	31	375	24	239	23	226	3	39	0	0	0	3	47
2029	4.46%	31	406	24	262	23	248	3	39	0	0	0	3	50
2030	4.46%	31	438	24	286	23	271	3	39	0	0	0	3	54
2031	4.46%	31	469	24	310	23	293	3	39	0	0	0	3	57
2032	4.46%	31	500	24	334	23	316	3	39	0	0	0	3	60
2033	4.46%	31	532	24	358	23	339	3	39	0	0	0	3	64
2034	4.46%	31	563	24	381	23	361	3	39	0	0	0	3	67
2035	4.46%	31	595	24	406	23	384	3	39	0	0	0	3	71
2036	4.46%	31	626	24	429	23	406	3	39	0	0	0	3	74
2037	4.46%	31	658	24	453	23	429	3	39	0	0	0	3	78
2038	4.46%	31	689	24	477	23	451	3	39	0	0	0	3	81
2039	2.23%	16	705	24	501	23	474	(3)	39	0	0	0	(3)	78
2040	0.00%	0	705	24	525	23	496	(9)	39	0	0	0	(9)	70
2041	0.00%	0	705	24	549	23	519	(9)	39	0	0	0	(9)	61
2042	0.00%	0	705	24	572	23	542	(9)	39	0	0	0	(9)	52
2043	0.00%	0	705	24	596	23	564	(9)	39	0	0	0	(9)	44
2044	0.00%	0	705	24	620	23	587	(9)	39	0	0	0	(9)	35
2045	0.00%	0	705	24	644	23	609	(9)	39	0	0	0	(9)	26
2046	0.00%	0	705	24	668	23	632	(9)	39	0	0	0	(9)	17
2047	0.00%	0	705	24	692	23	654	(9)	39	0	0	0	(9)	9
2048	0.00%	0	705	24	716	23	677	(9)	39	0	0	0	(9)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(11)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	39
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION	(5b)* ACCUMULATED DEF TAXES	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2019	3.75%	26	1	692	24	(9)	726	701	714
2020	7.22%	51	11	668	48	2	701	666	684
2021	6.68%	47	9	644	72	11	666	633	650
2022	6.18%	44	8	620	95	19	633	601	617
2023	5.71%	40	7	596	119	26	601	570	586
2024	5.29%	37	6	572	143	32	570	541	555
2025	4.89%	34	5	549	167	36	541	512	527
2026	4.52%	32	4	525	191	40	512	485	499
2027	4.46%	31	3	501	215	43	485	458	471
2028	4.46%	31	3	477	239	47	458	430	444
2029	4.46%	31	3	453	262	50	430	403	417
2030	4.46%	31	3	429	286	54	403	376	389
2031	4.46%	31	3	406	310	57	376	348	362
2032	4.46%	31	3	382	334	60	348	321	335
2033	4.46%	31	3	358	358	64	321	294	308
2034	4.46%	31	3	334	382	67	294	267	280
2035	4.46%	31	3	310	406	71	267	239	253
2036	4.46%	31	3	286	429	74	239	212	226
2037	4.46%	31	3	262	453	78	212	185	198
2038	4.46%	31	3	239	477	81	185	158	171
2039	2.23%	16	(3)	215	501	78	158	136	147
2040	0.00%	0	(9)	191	525	70	136	121	129
2041	0.00%	0	(9)	167	549	61	121	106	114
2042	0.00%	0	(9)	143	572	52	106	91	98
2043	0.00%	0	(9)	119	596	44	91	76	83
2044	0.00%	0	(9)	95	620	35	76	61	68
2045	0.00%	0	(9)	72	644	26	61	45	53
2046	0.00%	0	(9)	48	668	17	45	30	38
2047	0.00%	0	(9)	24	692	9	30	15	23
2048	0.00%	0	(9)	(9)	716	0	15	0	8

* Column not specified in workbook

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1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/KWh)	AVOIDED MARGINAL FUEL COST (C/KWh)	INCREASED MARGINAL FUEL COST (C/KWh)	REPLACEMENT FUEL COST (C/KWh)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KW EFFECTIVENESS FACTOR
2013	1	1	3.53	5.33	3.53	0.00	1.00	1.00
2014	1	1	3.71	5.83	3.71	0.00	1.00	1.00
2015	1	1	3.95	5.76	3.95	0.00	1.00	1.00
2016	1	1	4.36	6.11	4.36	0.00	1.00	1.00
2017	1	1	4.72	7.23	4.72	0.00	1.00	1.00
2018	1	1	5.06	8.04	5.06	0.00	1.00	1.00
2019	1	1	5.41	9.56	5.41	6.13	1.00	1.00
2020	1	1	5.90	10.73	5.90	6.27	1.00	1.00
2021	1	1	6.25	9.78	6.25	6.60	1.00	1.00
2022	1	1	6.52	10.21	6.52	6.78	1.00	1.00
2023	1	1	6.75	10.13	6.75	7.11	1.00	1.00
2024	1	1	7.29	11.48	7.29	7.70	1.00	1.00
2025	1	1	7.92	13.41	7.92	8.43	1.00	1.00
2026	1	1	8.08	12.93	8.08	8.51	1.00	1.00
2027	1	1	8.28	13.19	8.28	8.62	1.00	1.00
2028	1	1	8.36	13.36	8.36	8.63	1.00	1.00
2029	1	1	8.44	13.52	8.44	8.71	1.00	1.00
2030	1	1	8.58	13.63	8.58	8.83	1.00	1.00
2031	1	1	8.61	13.98	8.61	8.83	1.00	1.00
2032	1	1	8.55	13.62	8.55	8.74	1.00	1.00
2033	1	1	8.75	14.25	8.75	9.01	1.00	1.00
2034	1	1	8.80	14.32	8.80	9.06	1.00	1.00
2035	1	1	8.77	13.48	8.77	9.06	1.00	1.00
2036	1	1	8.97	14.82	8.97	9.29	1.00	1.00
2037	1	1	8.95	13.75	8.95	9.32	1.00	1.00
2038	1	1	9.03	13.85	9.03	9.42	1.00	1.00
2039	1	1	9.17	14.30	9.17	9.56	1.00	1.00
2040	1	1	9.20	13.71	9.20	9.63	1.00	1.00
2041	1	1	9.31	14.11	9.31	9.83	1.00	1.00
2042	1	1	9.47	14.58	9.47	10.07	1.00	1.00
2043	1	1	9.55	13.74	9.55	10.20	1.00	1.00
2044	1	1	9.64	14.30	9.64	10.38	1.00	1.00
2045	1	1	9.75	14.22	9.75	10.55	1.00	1.00
2046	1	1	9.85	13.95	9.85	10.70	1.00	1.00
2047	1	1	9.98	13.77	9.98	10.87	1.00	1.00
2048	1	1	10.14	14.28	10.14	11.09	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

	(2) AVOIDED GEN UNIT CAPACITY COST	(3) AVOIDED GEN UNIT FIXED O&M	(4) AVOIDED GEN UNIT VARIABLE O&M	(5) AVOIDED GEN UNIT FUEL COST	(6) REPLACEMENT FUEL COST	(7) AVOIDED GEN UNIT BENEFITS
YEAR	\$'(00)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	125	95	2	170	222	170
2020	121	98	4	315	388	151
2021	117	100	4	338	407	152
2022	112	103	4	358	412	166
2023	108	105	4	374	420	173
2024	104	108	4	395	448	163
2025	100	111	5	426	498	143
2026	96	113	5	441	510	145
2027	92	116	5	457	528	143
2028	89	119	5	466	530	149
2029	85	122	5	475	535	152
2030	81	125	6	485	544	153
2031	78	128	6	493	544	161
2032	74	131	6	504	540	175
2033	70	135	6	515	560	166
2034	67	138	6	525	564	172
2035	63	142	6	534	564	181
2036	59	145	6	545	580	176
2037	55	149	7	555	581	184
2038	52	152	7	565	588	188
2039	48	156	7	575	596	190
2040	45	160	7	585	601	197
2041	43	164	7	596	614	196
2042	41	168	7	607	629	194
2043	38	172	8	618	637	199
2044	36	177	8	629	649	201
2045	34	181	8	640	659	204
2046	32	186	8	652	668	209
2047	29	190	8	663	679	212
2048	27	195	9	675	693	214
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	2,121	4,185	183	15,175	16,386	5,278
NPV	746	1,044	45	3,721	4,146	1,408

PSC FORM CE 2.2
PAGE 1 OF 1

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

[illegible]

NOM	3,134	4,087	1,850	0	896
NPV	494	644	305	0	154

1 PARTICIPANT COSTS AND BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED] - [REDACTED]

In Service of Gen Unit:
Discount Rate :
Benefit/Cost Ratio (Col(6) / Col(10))

2019	
7.29	%
2.13	

PSC FORM CE 2.5
PAGE 1 OF 1

Benefit/Cost Ratio (Col(12) / Col(7)) :

7.29	%
1.46	

page 1
29-Jan-13

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	51.45 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	68.18430 kW
(3) kW LINE LOSS PERCENTAGE	7.94 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	233,886.86 kWh
(5) kWh LINE LOSS PERCENTAGE	6.24 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58559
(5) K FACTOR FOR T & D	1.55964

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.29 %
* (11) UTILITY AFUDC RATE	6.69 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	776.56 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	39.32 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	109.68 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.28 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.14 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	55% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.69 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES	(2) UTILITY INCENTIVES	(3) OTHER UTILITY COSTS	(4) TOTAL UTILITY PROGRAM COSTS	(5) ENERGY CHARGE REVENUE LOSSES	(6) DEMAND CHARGE REVENUE LOSSES	(7) PARTICIPANT EQUIPMENT COSTS	(8) PARTICIPANT O&M COSTS	(9) OTHER PARTICIPANT COSTS	(10) TOTAL PARTICIPANT COSTS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	11	0	11	5	4	65	0	0	65
2014	0	0	0	0	10	8	0	0	0	0
2015	0	0	0	0	10	8	0	0	0	0
2016	0	0	0	0	10	8	0	0	0	0
2017	0	0	0	0	11	9	0	0	0	0
2018	0	11	0	11	14	9	74	0	0	74
2019	0	0	0	0	15	9	0	0	0	0
2020	0	0	0	0	15	10	0	0	0	0
2021	0	0	0	0	16	10	0	0	0	0
2022	0	0	0	0	17	10	0	0	0	0
2023	0	11	0	11	17	11	83	0	0	83
2024	0	0	0	0	18	10	0	0	0	0
2025	0	0	0	0	19	10	0	0	0	0
2026	0	0	0	0	19	10	0	0	0	0
2027	0	0	0	0	20	10	0	0	0	0
2028	0	11	0	11	20	10	94	0	0	94
2029	0	0	0	0	21	10	0	0	0	0
2030	0	0	0	0	22	10	0	0	0	0
2031	0	0	0	0	22	10	0	0	0	0
2032	0	0	0	0	23	10	0	0	0	0
2033	0	11	0	11	25	11	107	0	0	107
2034	0	0	0	0	26	11	0	0	0	0
2035	0	0	0	0	27	11	0	0	0	0
2036	0	0	0	0	29	11	0	0	0	0
2037	0	0	0	0	30	11	0	0	0	0
2038	0	11	0	11	31	11	121	0	0	121
2039	0	0	0	0	32	11	0	0	0	0
2040	0	0	0	0	33	11	0	0	0	0
2041	0	0	0	0	34	11	0	0	0	0
2042	0	0	0	0	35	11	0	0	0	0
2043	0	11	0	11	37	11	137	0	0	137
2044	0	0	0	0	38	11	0	0	0	0
2045	0	0	0	0	40	11	0	0	0	0
2046	0	0	0	0	42	11	0	0	0	0
2047	0	0	0	0	44	12	0	0	0	0
2048	0	11	0	11	46	12	155	0	0	155
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	3	85	0	87	875	366	835	0	0	835
NPV	1	34	0	34	238	127	268	0	0	268

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

page 3

1 CALCULATION OF GEN X-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	66	1	0	4	2	1	0	2	0	11	11	11	65
2020	64	1	0	4	1	1	0	2	1	11	10	22	67
2021	61	1	0	4	1	1	0	2	1	11	9	31	69
2022	58	1	0	3	1	1	0	2	1	10	8	39	70
2023	55	1	0	3	1	1	0	2	1	10	7	47	72
2024	52	1	0	3	1	1	0	2	1	9	7	53	74
2025	49	1	0	3	1	1	0	2	0	9	6	59	76
2026	47	1	0	3	1	1	0	2	0	9	5	64	78
2027	44	1	0	3	1	1	0	2	0	8	5	69	80
2028	42	1	0	2	1	1	0	2	0	8	4	74	82
2029	39	1	0	2	1	1	0	2	0	8	4	77	84
2030	37	1	0	2	1	1	0	2	0	7	3	81	86
2031	34	1	0	2	1	1	0	2	0	7	3	84	88
2032	32	1	0	2	1	1	0	2	0	7	3	86	90
2033	29	1	0	2	1	1	0	2	0	6	2	89	92
2034	27	1	0	2	1	1	0	2	0	6	2	91	95
2035	24	1	0	1	1	1	0	2	0	6	2	93	97
2036	22	0	0	1	1	0	0	2	0	5	2	94	99
2037	19	0	0	1	0	0	0	2	0	5	1	96	102
2038	17	0	0	1	0	0	0	2	0	5	1	97	104
2039	14	0	0	1	1	0	0	2	(0)	4	1	98	107
2040	12	0	0	1	1	0	0	2	(1)	4	1	99	110
2041	11	0	0	1	1	0	0	2	(1)	4	1	100	112
2042	10	0	0	1	1	0	0	2	(1)	4	1	101	115
2043	8	0	0	0	1	0	0	2	(1)	3	1	101	118
2044	7	0	0	0	1	0	0	2	(1)	3	1	102	121
2045	6	0	0	0	1	0	0	2	(1)	3	0	102	124
2046	4	0	0	0	1	0	0	2	(1)	3	0	103	127
2047	3	0	0	0	1	0	0	2	(1)	3	0	103	130
2048	1	0	0	0	1	0	0	2	(1)	2	0	103	134

IN SERVICE COST (\$000)	65
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	41%	5.50	%
P/S	0%	0.00	%
C/S	59%	10.00	%

$K\text{-FACTOR} = \text{CPWFC} / \text{IN-SVC COST} = 1.58559$

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	2	2	2	2	2	2	0	4	0	0	0	0	(1)
2020	7.22%	5	7	2	4	2	4	1	4	0	0	0	1	0
2021	6.68%	4	11	2	7	2	6	1	4	0	0	0	1	1
2022	6.18%	4	15	2	9	2	8	1	4	0	0	0	1	2
2023	5.71%	4	19	2	11	2	10	1	4	0	0	0	1	2
2024	5.29%	3	22	2	13	2	12	1	4	0	0	0	1	3
2025	4.89%	3	26	2	15	2	14	0	4	0	0	0	0	3
2026	4.52%	3	28	2	17	2	16	0	4	0	0	0	0	4
2027	4.46%	3	31	2	20	2	19	0	4	0	0	0	0	4
2028	4.46%	3	34	2	22	2	21	0	4	0	0	0	0	4
2029	4.46%	3	37	2	24	2	23	0	4	0	0	0	0	5
2030	4.46%	3	40	2	26	2	25	0	4	0	0	0	0	5
2031	4.46%	3	43	2	28	2	27	0	4	0	0	0	0	5
2032	4.46%	3	46	2	30	2	29	0	4	0	0	0	0	6
2033	4.46%	3	49	2	33	2	31	0	4	0	0	0	0	6
2034	4.46%	3	51	2	35	2	33	0	4	0	0	0	0	6
2035	4.46%	3	54	2	37	2	35	0	4	0	0	0	0	6
2036	4.46%	3	57	2	39	2	37	0	4	0	0	0	0	7
2037	4.46%	3	60	2	41	2	39	0	4	0	0	0	0	7
2038	4.46%	3	63	2	44	2	41	0	4	0	0	0	0	7
2039	2.23%	1	64	2	46	2	43	(0)	4	0	0	0	(0)	7
2040	0.00%	0	64	2	48	2	45	(1)	4	0	0	0	(1)	6
2041	0.00%	0	64	2	50	2	47	(1)	4	0	0	0	(1)	6
2042	0.00%	0	64	2	52	2	49	(1)	4	0	0	0	(1)	5
2043	0.00%	0	64	2	54	2	51	(1)	4	0	0	0	(1)	4
2044	0.00%	0	64	2	57	2	54	(1)	4	0	0	0	(1)	3
2045	0.00%	0	64	2	59	2	56	(1)	4	0	0	0	(1)	2
2046	0.00%	0	64	2	61	2	58	(1)	4	0	0	0	(1)	2
2047	0.00%	0	64	2	63	2	60	(1)	4	0	0	0	(1)	1
2048	0.00%	0	64	2	65	2	62	(1)	4	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	4
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEP TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2019	3.75%	2	0	63	2	(1)	66	64	65
2020	7.22%	5	1	61	4	0	64	61	62
2021	6.68%	4	1	59	7	1	61	58	59
2022	6.18%	4	1	57	9	2	58	55	56
2023	5.71%	4	1	54	11	2	55	52	53
2024	5.29%	3	1	52	13	3	52	49	51
2025	4.89%	3	0	50	15	3	49	47	48
2026	4.52%	3	0	48	17	4	47	44	45
2027	4.46%	3	0	46	20	4	44	42	43
2028	4.46%	3	0	44	22	4	42	39	40
2029	4.46%	3	0	41	24	5	39	37	38
2030	4.46%	3	0	39	26	5	37	34	36
2031	4.46%	3	0	37	28	5	34	32	33
2032	4.46%	3	0	35	30	6	32	29	31
2033	4.46%	3	0	33	33	6	29	27	28
2034	4.46%	3	0	30	35	6	27	24	26
2035	4.46%	3	0	28	37	6	24	22	23
2036	4.46%	3	0	26	39	7	22	19	21
2037	4.46%	3	0	24	41	7	19	17	18
2038	4.46%	3	0	22	44	7	17	14	16
2039	2.23%	1	(0)	20	46	7	14	12	13
2040	0.00%	0	(1)	17	48	6	12	11	12
2041	0.00%	0	(1)	15	50	6	11	10	10
2042	0.00%	0	(1)	13	52	5	10	8	9
2043	0.00%	0	(1)	11	54	4	8	7	8
2044	0.00%	0	(1)	9	57	3	7	6	6
2045	0.00%	0	(1)	7	59	2	6	4	5
2046	0.00%	0	(1)	4	61	2	4	3	3
2047	0.00%	0	(1)	2	63	1	3	1	2
2048	0.00%	0	(1)	0	65	0	1	0	1

* Column not specified in workbook

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1 INPUT DATA - PART 1
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kW EFFECTIVENESS FACTOR
2013	1	1	5.53	5.53	3.53	0.00	1.00	1.00
2014	1	1	5.71	5.83	3.71	0.00	1.00	1.00
2015	1	1	3.95	5.76	3.95	0.00	1.00	1.00
2016	1	1	4.36	6.11	4.36	0.00	1.00	1.00
2017	1	1	4.72	7.23	4.72	0.00	1.00	1.00
2018	1	1	5.06	8.04	5.06	0.00	1.00	1.00
2019	1	1	5.41	9.56	5.41	6.13	1.00	1.00
2020	1	1	5.90	10.73	5.90	6.27	1.00	1.00
2021	1	1	6.25	9.78	6.25	6.60	1.00	1.00
2022	1	1	6.52	10.21	6.52	6.78	1.00	1.00
2023	1	1	6.75	10.13	6.75	7.11	1.00	1.00
2024	1	1	7.29	11.48	7.29	7.70	1.00	1.00
2025	1	1	7.92	13.41	7.92	8.43	1.00	1.00
2026	1	1	8.08	12.93	8.08	8.51	1.00	1.00
2027	1	1	8.28	13.19	8.28	8.62	1.00	1.00
2028	1	1	8.36	13.36	8.36	8.63	1.00	1.00
2029	1	1	8.44	13.52	8.44	8.71	1.00	1.00
2030	1	1	8.58	13.63	8.58	8.83	1.00	1.00
2031	1	1	8.61	13.98	8.61	8.83	1.00	1.00
2032	1	1	8.55	13.62	8.55	8.74	1.00	1.00
2033	1	1	8.75	14.25	8.75	9.01	1.00	1.00
2034	1	1	8.80	14.32	8.80	9.06	1.00	1.00
2035	1	1	8.77	13.48	8.77	9.06	1.00	1.00
2036	1	1	8.97	14.82	8.97	9.29	1.00	1.00
2037	1	1	8.95	13.75	8.95	9.32	1.00	1.00
2038	1	1	9.03	13.85	9.03	9.42	1.00	1.00
2039	1	1	9.17	14.30	9.17	9.56	1.00	1.00
2040	1	1	9.20	13.71	9.20	9.63	1.00	1.00
2041	1	1	9.31	14.11	9.31	9.83	1.00	1.00
2042	1	1	9.47	14.58	9.47	10.07	1.00	1.00
2043	1	1	9.55	13.74	9.55	10.20	1.00	1.00
2044	1	1	9.64	14.30	9.64	10.38	1.00	1.00
2045	1	1	9.75	14.22	9.75	10.55	1.00	1.00
2046	1	1	9.85	13.95	9.85	10.70	1.00	1.00
2047	1	1	9.98	13.77	9.98	10.87	1.00	1.00
2048	1	1	10.14	14.28	10.14	11.09	1.00	1.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	11	9	0	15	20	15
2020	11	9	0	29	35	14
2021	11	9	0	31	37	14
2022	10	9	0	33	38	15
2023	10	10	0	34	38	16
2024	9	10	0	36	41	15
2025	9	10	0	39	45	13
2026	9	10	0	40	47	13
2027	8	11	0	42	48	13
2028	8	11	0	43	48	14
2029	8	11	0	43	49	14
2030	7	11	1	44	50	14
2031	7	12	1	45	50	15
2032	7	12	1	46	49	16
2033	6	12	1	47	51	15
2034	6	13	1	48	51	16
2035	6	13	1	49	51	16
2036	5	13	1	50	53	16
2037	5	14	1	51	53	17
2038	5	14	1	52	54	17
2039	4	14	1	52	54	17
2040	4	15	1	53	55	18
2041	4	15	1	54	56	18
2042	4	15	1	55	57	18
2043	3	16	1	56	58	18
2044	3	16	1	57	59	18
2045	3	16	1	58	60	19
2046	3	17	1	59	61	19
2047	3	17	1	60	62	19
2048	2	18	1	62	63	19
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	193	381	17	1,384	1,495	480
NPV	68	95	4	339	378	128

PSC FORM CE 2.2
PAGE 1 OF 1

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

1 AVOIDED GENERATING EMISSION IMPACT
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	2	2	1	0	1
2024	2	3	1	0	1
2025	2	3	1	0	1
2026	3	3	2	0	1
2027	3	4	2	0	1
2028	3	5	2	0	1
2029	4	5	2	0	1
2030	5	6	3	0	1
2031	5	7	3	0	1
2032	6	8	3	0	2
2033	7	9	4	0	2
2034	7	10	4	0	2
2035	8	11	5	0	2
2036	9	12	5	0	2
2037	10	13	6	0	2
2038	11	15	6	0	3
2039	13	16	7	0	3
2040	14	18	8	0	3
2041	15	20	8	0	4
2042	17	22	9	0	4
2043	18	24	10	0	4
2044	20	25	11	0	5
2045	22	29	12	0	5
2046	24	31	13	0	6
2047	26	34	14	0	6
2048	28	37	15	0	7
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	286	373	159	0	72
NPV	45	59	26	0	12

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19-Jun-13

1 INPUT DATA - PART I CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	77.94 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER	102.47980 kW
(3) KW LINE LOSS PERCENTAGE	7.22 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	335,077.79 kWh
(5) KWH LINE LOSS PERCENTAGE	5.76 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58273
(5) K FACTOR FOR T & D	1.56919

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	7.45 %
(11) UTILITY AFUDC RATE	6.50 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	774.44 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90 \$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	103.11 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.53 \$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	53% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.11 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	10.15 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES	(2) UTILITY INCENTIVES	(3) OTHER UTILITY COSTS	(4) TOTAL UTILITY PROGRAM COSTS	(5) ENERGY CHARGE REVENUE LOSSES	(6) DEMAND CHARGE REVENUE LOSSES	(7) PARTICIPANT EQUIPMENT COSTS	(8) PARTICIPANT O&M COSTS	(9) OTHER PARTICIPANT COSTS	(10) TOTAL PARTICIPANT COSTS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2013	0	16	0	16	8	5	82	0	0	82
2014	0	0	0	0	17	10	0	0	0	0
2015	0	0	0	0	17	10	0	0	0	0
2016	0	0	0	0	18	9	0	0	0	0
2017	0	0	0	0	18	9	0	0	0	0
2018	0	16	0	16	20	10	93	0	0	93
2019	0	0	0	0	21	11	0	0	0	0
2020	0	0	0	0	21	12	0	0	0	0
2021	0	0	0	0	22	12	0	0	0	0
2022	0	0	0	0	23	13	0	0	0	0
2023	0	16	0	16	25	12	105	0	0	105
2024	0	0	0	0	25	12	0	0	0	0
2025	0	0	0	0	26	11	0	0	0	0
2026	0	0	0	0	27	11	0	0	0	0
2027	0	0	0	0	28	11	0	0	0	0
2028	0	16	0	16	28	11	119	0	0	119
2029	0	0	0	0	29	11	0	0	0	0
2030	0	0	0	0	30	11	0	0	0	0
2031	0	0	0	0	31	11	0	0	0	0
2032	0	0	0	0	33	11	0	0	0	0
2033	0	16	0	16	35	12	134	0	0	134
2034	0	0	0	0	37	12	0	0	0	0
2035	0	0	0	0	38	12	0	0	0	0
2036	0	0	0	0	41	12	0	0	0	0
2037	0	0	0	0	42	12	0	0	0	0
2038	0	16	0	16	44	12	152	0	0	152
2039	0	0	0	0	46	12	0	0	0	0
2040	0	0	0	0	48	12	0	0	0	0
2041	0	0	0	0	50	13	0	0	0	0
2042	0	0	0	0	52	13	0	0	0	0
2043	0	16	0	16	55	13	172	0	0	172
2044	0	0	0	0	57	13	0	0	0	0
2045	0	0	0	0	60	13	0	0	0	0
2046	0	0	0	0	63	13	0	0	0	0
2047	0	0	0	0	67	13	0	0	0	0
2048	0	16	0	17	70	13	194	0	0	194
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	3	128	0	131	1,270	413	1,050	0	0	1,050
NPV	1	50	0	51	341	141	331	0	0	331

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV. REQ
3 PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	99	2	0	6	4	2	0	3	17	17	17	97
2020	95	2	0	6	2	2	0	3	17	15	33	100
2021	90	2	0	6	2	2	0	3	16	14	46	102
2022	86	2	0	5	2	2	0	3	15	12	59	105
2023	82	2	0	5	2	1	0	3	15	11	70	107
2024	77	1	0	5	2	1	0	3	14	10	80	110
2025	73	1	0	5	2	1	0	3	14	9	89	113
2026	70	1	0	4	2	1	0	3	13	8	97	116
2027	66	1	0	4	2	1	0	3	13	7	104	119
2028	62	1	0	4	2	1	0	3	12	6	110	122
2029	58	1	0	4	2	1	0	3	12	6	116	125
2030	55	1	0	3	2	1	0	3	11	5	121	128
2031	51	1	0	3	2	1	0	3	11	4	125	131
2032	47	1	0	3	2	1	0	3	10	4	129	134
2033	44	1	0	3	1	1	0	3	10	4	133	138
2034	40	1	0	2	1	1	0	3	9	3	136	141
2035	36	1	0	2	1	1	0	3	9	3	139	145
2036	33	1	0	2	1	1	0	3	8	2	141	148
2037	29	1	0	2	1	1	0	3	8	2	143	152
2038	25	0	0	2	1	1	0	3	7	2	145	156
2039	21	0	0	1	1	1	0	3	(0)	2	146	160
2040	19	0	0	1	2	0	0	3	(1)	6	1	148
2041	16	0	0	1	2	0	0	3	(1)	6	1	149
2042	14	0	0	1	2	0	0	3	(1)	6	1	150
2043	12	0	0	1	2	0	0	3	(1)	5	1	151
2044	10	0	0	1	2	0	0	3	(1)	5	1	152
2045	8	0	0	1	2	0	0	3	(1)	5	1	152
2046	6	0	0	0	2	0	0	3	(1)	4	1	153
2047	4	0	0	0	1	0	0	3	(1)	4	1	154
2048	2	0	0	0	1	0	0	3	(1)	4	0	154

IN SERVICE COST (\$000)	97
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.4%
PROPERTY TAX	1.82%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	4.79	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58273

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	4	4	3	3	3	3	0	5	0	0	0	0	(1)
2020	7.22%	7	10	3	6	3	6	1	5	0	0	0	1	0
2021	6.68%	6	17	3	10	3	9	1	5	0	0	0	1	2
2022	6.18%	6	23	3	13	3	12	1	5	0	0	0	1	3
2023	5.71%	5	28	3	16	3	15	1	5	0	0	0	1	4
2024	5.29%	5	33	3	19	3	18	1	5	0	0	0	1	4
2025	4.89%	5	38	3	23	3	22	1	5	0	0	0	1	5
2026	4.52%	4	42	3	26	3	25	0	5	0	0	0	0	6
2027	4.46%	4	46	3	29	3	28	0	5	0	0	0	0	6
2028	4.46%	4	51	3	32	3	31	0	5	0	0	0	0	6
2029	4.46%	4	55	3	36	3	34	0	5	0	0	0	0	7
2030	4.46%	4	59	3	39	3	37	0	5	0	0	0	0	7
2031	4.46%	4	63	3	42	3	40	0	5	0	0	0	0	8
2032	4.46%	4	68	3	45	3	43	0	5	0	0	0	0	8
2033	4.46%	4	72	3	49	3	46	0	5	0	0	0	0	9
2034	4.46%	4	76	3	52	3	49	0	5	0	0	0	0	9
2035	4.46%	4	80	3	55	3	52	0	5	0	0	0	0	10
2036	4.46%	4	85	3	58	3	55	0	5	0	0	0	0	10
2037	4.46%	4	89	3	62	3	58	0	5	0	0	0	0	11
2038	4.46%	4	93	3	65	3	61	0	5	0	0	0	0	11
2039	2.23%	2	95	3	68	3	63	(0)	5	0	0	0	(0)	11
2040	0.00%	0	95	3	71	3	68	(1)	5	0	0	0	(1)	9
2041	0.00%	0	95	3	75	3	71	(1)	5	0	0	0	(1)	8
2042	0.00%	0	95	3	78	3	74	(1)	5	0	0	0	(1)	7
2043	0.00%	0	95	3	81	3	77	(1)	5	0	0	0	(1)	6
2044	0.00%	0	95	3	84	3	80	(1)	5	0	0	0	(1)	5
2045	0.00%	0	95	3	88	3	83	(1)	5	0	0	0	(1)	4
2046	0.00%	0	95	3	91	3	86	(1)	5	0	0	0	(1)	2
2047	0.00%	0	95	3	94	3	89	(1)	5	0	0	0	(1)	1
2048	0.00%	0	95	3	97	3	92	(1)	5	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	5
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2019	3.75%	4	0	94	3	(1)	99	95	97
2020	7.22%	7	1	91	6	0	95	90	93
2021	6.68%	6	1	88	10	2	90	86	88
2022	6.18%	6	1	84	13	3	86	82	84
2023	5.71%	5	1	81	16	4	82	77	79
2024	5.29%	5	1	78	19	4	77	73	75
2025	4.89%	5	1	75	23	5	73	70	71
2026	4.52%	4	0	71	26	6	70	66	68
2027	4.46%	4	0	68	29	6	66	62	64
2028	4.46%	4	0	65	32	6	62	58	60
2029	4.46%	4	0	62	36	7	58	55	57
2030	4.46%	4	0	58	39	7	55	51	53
2031	4.46%	4	0	55	42	8	51	47	49
2032	4.46%	4	0	52	45	8	47	44	45
2033	4.46%	4	0	49	49	9	44	40	42
2034	4.46%	4	0	45	52	9	40	36	38
2035	4.46%	4	0	42	55	10	36	33	34
2036	4.46%	4	0	39	58	10	33	29	31
2037	4.46%	4	0	36	62	11	29	25	27
2038	4.46%	4	0	32	65	11	25	21	23
2039	2.23%	2	(0)	29	68	11	21	19	20
2040	0.00%	0	(1)	26	71	9	19	16	18
2041	0.00%	0	(1)	23	75	8	16	14	15
2042	0.00%	0	(1)	19	78	7	14	12	13
2043	0.00%	0	(1)	16	81	6	12	10	11
2044	0.00%	0	(1)	13	84	5	10	8	9
2045	0.00%	0	(1)	10	88	4	8	6	7
2046	0.00%	0	(1)	6	91	2	6	4	5
2047	0.00%	0	(1)	3	94	1	4	2	3
2048	0.00%	0	(1)	0	97	0	2	0	1

* Column not specified in workbook

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1 INPUT DATA -- PART 2
2 PROGRAM METHOD SELECTED : REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2013	1	1	3.15	9.71	3.15	0.00	1.00	1.00
2014	1	1	3.52	7.72	3.52	0.00	1.00	1.00
2015	1	1	3.59	7.72	3.59	0.00	1.00	1.00
2016	1	1	4.65	11.27	4.65	0.00	1.00	1.00
2017	1	1	4.10	9.89	4.10	0.00	1.00	1.00
2018	1	1	4.70	19.27	4.70	0.00	1.00	1.00
2019	1	1	4.94	11.56	4.94	5.08	1.00	1.00
2020	1	1	5.44	16.97	5.44	5.40	1.00	1.00
2021	1	1	5.81	21.20	5.81	5.78	1.00	1.00
2022	1	1	5.84	12.95	5.84	5.89	1.00	1.00
2023	1	1	6.14	14.42	6.14	6.24	1.00	1.00
2024	1	1	6.47	18.53	6.47	6.56	1.00	1.00
2025	1	1	6.60	14.73	6.60	6.69	1.00	1.00
2026	1	1	6.84	18.48	6.84	6.86	1.00	1.00
2027	1	1	7.02	19.05	7.02	7.05	1.00	1.00
2028	1	1	7.00	16.05	7.00	7.06	1.00	1.00
2029	1	1	7.10	15.53	7.10	7.18	1.00	1.00
2030	1	1	7.20	15.86	7.20	7.24	1.00	1.00
2031	1	1	7.37	16.17	7.37	7.49	1.00	1.00
2032	1	1	7.58	16.52	7.58	7.65	1.00	1.00
2033	1	1	7.87	17.54	7.87	7.99	1.00	1.00
2034	1	1	8.03	17.54	8.03	8.30	1.00	1.00
2035	1	1	8.24	18.42	8.24	8.52	1.00	1.00
2036	1	1	8.46	17.22	8.46	8.66	1.00	1.00
2037	1	1	8.72	18.62	8.72	9.08	1.00	1.00
2038	1	1	9.03	19.10	9.03	9.48	1.00	1.00
2039	1	1	9.29	19.27	9.29	9.89	1.00	1.00
2040	1	1	9.53	18.86	9.53	10.24	1.00	1.00
2041	1	1	9.82	18.31	9.82	10.60	1.00	1.00
2042	1	1	10.18	18.43	10.18	11.04	1.00	1.00
2043	1	1	10.53	19.31	10.53	11.48	1.00	1.00
2044	1	1	10.87	19.67	10.87	11.90	1.00	1.00
2045	1	1	11.33	22.83	11.33	12.44	1.00	1.00
2046	1	1	11.74	23.03	11.74	12.96	1.00	1.00
2047	1	1	12.13	23.41	12.13	13.40	1.00	1.00
2048	1	1	12.55	23.46	12.55	14.01	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

1 AVOIDED GENERATING EMISSION IMPACT
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	3	3	1	0	1
2024	3	4	2	0	1
2025	3	4	2	0	1
2026	4	5	2	0	1
2027	4	5	3	0	1
2028	5	7	3	0	1
2029	6	7	3	0	1
2030	7	9	4	0	2
2031	7	10	4	0	2
2032	8	11	5	0	2
2033	9	12	5	0	2
2034	10	14	6	0	3
2035	12	15	6	0	3
2036	13	17	7	0	3
2037	14	19	8	0	4
2038	16	21	9	0	4
2039	18	23	10	0	4
2040	20	26	11	0	5
2041	22	28	12	0	5
2042	24	31	13	0	6
2043	26	34	14	0	6
2044	28	37	16	0	7
2045	31	41	17	0	7
2046	34	44	19	0	8
2047	37	48	20	0	9
2048	40	52	22	0	9
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	404	529	224	0	99
NPV	62	81	35	0	16

PSC FORM CE 2.3
PAGE 1 OF 1

Discount Rate:
Benefit/Cost Ratio (Col(11) / Col(6)) :

7.45	%
2.89	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SAVINGS IN PARTICIPANTS BILLS	TAX CREDITS	UTILITY REBATES	OTHER BENEFITS	TOTAL BENEFITS	CUSTOMER EQUIPMENT COSTS	CUSTOMER O&M COSTS	OTHER COSTS	TOTAL COSTS	NET BENEFITS	CUMULATIVE DISCOUNTED NET BENEFITS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	15	0	16	0	31	82	0	0	82	(51)	(51)
2014	30	0	0	0	30	0	0	0	0	30	(23)
2015	30	0	0	0	30	0	0	0	0	30	3
2016	30	0	0	0	30	0	0	0	0	30	28
2017	31	0	0	0	31	0	0	0	0	31	51
2018	34	0	16	0	50	93	0	0	93	(42)	21
2019	36	0	0	0	36	0	0	0	0	36	45
2020	37	0	0	0	37	0	0	0	0	37	67
2021	39	0	0	0	39	0	0	0	0	39	89
2022	40	0	0	0	40	0	0	0	0	40	110
2023	41	0	16	0	57	105	0	0	105	(47)	87
2024	42	0	0	0	42	0	0	0	0	42	106
2025	42	0	0	0	42	0	0	0	0	42	124
2026	43	0	0	0	43	0	0	0	0	43	141
2027	44	0	0	0	44	0	0	0	0	44	157
2028	45	0	16	0	61	119	0	0	119	(58)	138
2029	46	0	0	0	46	0	0	0	0	46	152
2030	47	0	0	0	47	0	0	0	0	47	166
2031	48	0	0	0	48	0	0	0	0	48	180
2032	51	0	0	0	51	0	0	0	0	51	193
2033	54	0	16	0	70	134	0	0	134	(64)	177
2034	56	0	0	0	56	0	0	0	0	56	190
2035	58	0	0	0	58	0	0	0	0	58	202
2036	61	0	0	0	61	0	0	0	0	61	213
2037	63	0	0	0	63	0	0	0	0	63	225
2038	65	0	16	0	82	152	0	0	152	(70)	213
2039	68	0	0	0	68	0	0	0	0	68	223
2040	70	0	0	0	70	0	0	0	0	70	233
2041	72	0	0	0	72	0	0	0	0	72	243
2042	75	0	0	0	75	0	0	0	0	75	252
2043	78	0	16	0	94	172	0	0	172	(77)	244
2044	82	0	0	0	82	0	0	0	0	82	252
2045	86	0	0	0	86	0	0	0	0	86	261
2046	89	0	0	0	89	0	0	0	0	89	269
2047	94	0	0	0	94	0	0	0	0	94	277
2048	98	0	16	0	114	194	0	0	194	(80)	271
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0
NOM	1,943	0	128	0	2,072	1,050	0	0	1,050	1,022	
NPV	551	0	50	0	602</						

2019	
7.45	%
1.82	

[illegible]

7.45	%
1.80	

page 1
19-Jun-13

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV. REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	25.02 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	32.50110 KW
(3) KW LINE LOSS PERCENTAGE	7.22 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	113,152.17 KWh
(5) KWH LINE LOSS PERCENTAGE	5.76 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 KWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58273
(5) K FACTOR FOR T & D	1.56919

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.45 %
* (11) UTILITY AFUDC RATE	6.50 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	774.44 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90 \$/KW
(6) BASE YEAR DISTRIBUTION COST	24.85 \$/KW
(7) GEN. TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	103.11 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.53 \$/KW
(11) DISTRIBUTION FIXED O & M COST	2.34 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/KWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	53% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.12 CENTS PER KWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	10.15 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/KWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

page 2

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1      *INPUT DATA - PART 1 CONTINUED
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ██████████ - ██████████

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	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES	(2) UTILITY INCENTIVES	(3) OTHER UTILITY COSTS	(4) TOTAL UTILITY PROGRAM COSTS	(5) ENERGY CHARGE REVENUE LOSSES	(6) DEMAND CHARGE REVENUE LOSSES	(7) PARTICIPANT EQUIPMENT COSTS	(8) PARTICIPANT O&M COSTS	(9) OTHER PARTICIPANT COSTS	(10) TOTAL PARTICIPANT COSTS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	5	0	5	3	2	39	0	0	39
2014	0	0	0	0	6	3	0	0	0	0
2015	0	0	0	0	6	3	0	0	0	0
2016	0	0	0	0	6	3	0	0	0	0
2017	0	0	0	0	6	3	0	0	0	0
2018	0	5	0	5	7	3	44	0	0	44
2019	0	0	0	0	7	4	0	0	0	0
2020	0	0	0	0	7	4	0	0	0	0
2021	0	0	0	0	7	4	0	0	0	0
2022	0	0	0	0	8	4	0	0	0	0
2023	0	5	0	6	8	4	50	0	0	50
2024	0	0	0	0	9	4	0	0	0	0
2025	0	0	0	0	9	4	0	0	0	0
2026	0	0	0	0	9	4	0	0	0	0
2027	0	0	0	0	9	4	0	0	0	0
2028	0	5	0	6	9	4	57	0	0	57
2029	0	0	0	0	10	4	0	0	0	0
2030	0	0	0	0	10	4	0	0	0	0
2031	0	0	0	0	10	4	0	0	0	0
2032	0	0	0	0	11	4	0	0	0	0
2033	0	5	0	6	12	4	64	0	0	64
2034	0	0	0	0	12	4	0	0	0	0
2035	0	0	0	0	13	4	0	0	0	0
2036	0	0	0	0	14	4	0	0	0	0
2037	0	0	0	0	14	4	0	0	0	0
2038	1	5	0	6	15	4	72	0	0	72
2039	0	0	0	0	16	4	0	0	0	0
2040	0	0	0	0	16	4	0	0	0	0
2041	0	0	0	0	17	4	0	0	0	0
2042	0	0	0	0	18	4	0	0	0	0
2043	1	5	0	6	18	4	82	0	0	82
2044	0	0	0	0	19	4	0	0	0	0
2045	0	0	0	0	20	4	0	0	0	0
2046	0	0	0	0	21	4	0	0	0	0
2047	0	0	0	0	23	4	0	0	0	0
2048	1	5	0	6	24	4	93	0	0	93
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	4	41	0	45	429	132	500	0	0	500
NPV	1	16	0	17	115	45	158	0	0	158

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	32	1	0	2	1	1	0	1	0	3	3	3	31
2020	31	1	0	2	1	1	0	1	0	5	5	10	32
2021	29	1	0	2	1	1	0	1	0	5	4	15	33
2022	28	1	0	2	1	0	0	1	0	5	4	19	34
2023	26	1	0	2	1	0	0	1	0	5	4	22	35
2024	25	0	0	2	1	0	0	1	0	5	3	26	35
2025	24	0	0	1	1	0	0	1	0	4	3	28	36
2026	22	0	0	1	1	0	0	1	0	4	3	31	37
2027	21	0	0	1	1	0	0	1	0	4	2	33	38
2028	20	0	0	1	1	0	0	1	0	4	2	35	39
2029	19	0	0	1	1	0	0	1	0	4	2	37	40
2030	18	0	0	1	1	0	0	1	0	4	2	39	41
2031	16	0	0	1	1	0	0	1	0	3	1	40	42
2032	15	0	0	1	0	0	0	1	0	3	1	41	43
2033	14	0	0	1	0	0	0	1	0	3	1	43	44
2034	13	0	0	1	0	0	0	1	0	3	1	44	45
2035	12	0	0	1	0	0	0	1	0	3	1	44	46
2036	10	0	0	1	0	0	0	1	0	3	1	45	48
2037	9	0	0	1	0	0	0	1	0	2	1	46	49
2038	8	0	0	1	0	0	0	1	0	2	1	46	50
2039	7	0	0	0	0	0	0	1	(0)	2	1	47	51
2040	6	0	0	0	1	0	0	1	(0)	2	0	47	53
2041	5	0	0	0	1	0	0	1	(0)	2	0	48	54
2042	5	0	0	0	1	0	0	1	(0)	2	0	48	55
2043	4	0	0	0	1	0	0	1	(0)	2	0	48	57
2044	3	0	0	0	1	0	0	1	(0)	2	0	49	58
2045	3	0	0	0	1	0	0	1	(0)	1	0	49	59
2046	2	0	0	0	0	0	0	1	(0)	1	0	49	61
2047	1	0	0	0	0	0	0	1	(0)	1	0	49	62
2048	1	0	0	0	0	(0)	0	1	(0)	1	0	49	64

IN SERVICE COST (\$000)	31
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.4%
PROPERTY TAX	1.82%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	4.79	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58273

page 4a

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV. REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	1	1	1	1	1	1	0	2	0	0	0	0	(0)
2020	7.22%	2	3	1	2	1	2	0	2	0	0	0	0	0
2021	6.68%	2	5	1	3	1	3	0	2	0	0	0	0	1
2022	6.18%	2	7	1	4	1	4	0	2	0	0	0	0	1
2023	5.71%	2	9	1	5	1	5	0	2	0	0	0	0	1
2024	5.29%	2	11	1	6	1	6	0	2	0	0	0	0	1
2025	4.89%	1	12	1	7	1	7	0	2	0	0	0	0	2
2026	4.52%	1	14	1	8	1	8	0	2	0	0	0	0	2
2027	4.46%	1	15	1	9	1	9	0	2	0	0	0	0	2
2028	4.46%	1	16	1	10	1	10	0	2	0	0	0	0	2
2029	4.46%	1	18	1	11	1	11	0	2	0	0	0	0	2
2030	4.46%	1	19	1	13	1	12	0	2	0	0	0	0	2
2031	4.46%	1	20	1	14	1	13	0	2	0	0	0	0	3
2032	4.46%	1	22	1	15	1	14	0	2	0	0	0	0	3
2033	4.46%	1	23	1	16	1	15	0	2	0	0	0	0	3
2034	4.46%	1	24	1	17	1	16	0	2	0	0	0	0	3
2035	4.46%	1	26	1	18	1	17	0	2	0	0	0	0	3
2036	4.46%	1	27	1	19	1	18	0	2	0	0	0	0	3
2037	4.46%	1	29	1	20	1	19	0	2	0	0	0	0	3
2038	4.46%	1	30	1	21	1	20	0	2	0	0	0	0	4
2039	2.23%	1	31	1	22	1	21	(0)	2	0	0	0	(0)	3
2040	0.00%	0	31	1	23	1	22	(0)	2	0	0	0	(0)	3
2041	0.00%	0	31	1	24	1	23	(0)	2	0	0	0	(0)	3
2042	0.00%	0	31	1	25	1	24	(0)	2	0	0	0	(0)	2
2043	0.00%	0	31	1	26	1	25	(0)	2	0	0	0	(0)	2
2044	0.00%	0	31	1	27	1	26	(0)	2	0	0	0	(0)	2
2045	0.00%	0	31	1	28	1	27	(0)	2	0	0	0	(0)	1
2046	0.00%	0	31	1	29	1	28	(0)	2	0	0	0	(0)	1
2047	0.00%	0	31	1	30	1	29	(0)	2	0	0	0	(0)	0
2048	0.00%	0	31	1	31	1	30	(0)	2	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION	(5b)* ACCUMULATED DEF TAXES	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2019	3.75%	1	0	30	1	(0)	32	31	31
2020	7.22%	2	0	29	2	0	31	29	30
2021	6.68%	2	0	28	3	1	29	28	28
2022	6.18%	2	0	27	4	1	28	26	27
2023	5.71%	2	0	26	5	1	26	25	26
2024	5.29%	2	0	25	6	1	25	24	24
2025	4.89%	1	0	24	7	2	24	22	23
2026	4.52%	1	0	23	8	2	22	21	22
2027	4.46%	1	0	22	9	2	21	20	21
2028	4.46%	1	0	21	10	2	20	19	19
2029	4.46%	1	0	20	11	2	19	18	18
2030	4.46%	1	0	19	13	2	18	16	17
2031	4.46%	1	0	18	14	3	16	15	16
2032	4.46%	1	0	17	15	3	15	14	15
2033	4.46%	1	0	16	16	3	14	13	13
2034	4.46%	1	0	15	17	3	13	12	12
2035	4.46%	1	0	14	18	3	12	10	11
2036	4.46%	1	0	13	19	3	10	9	10
2037	4.46%	1	0	11	20	3	9	8	9
2038	4.46%	1	0	10	21	4	8	7	7
2039	2.23%	1	(0)	9	22	3	7	6	6
2040	0.00%	0	(0)	8	23	3	6	5	6
2041	0.00%	0	(0)	7	24	3	5	5	5
2042	0.00%	0	(0)	6	25	2	5	4	4
2043	0.00%	0	(0)	5	26	2	4	3	4
2044	0.00%	0	(0)	4	27	2	3	3	3
2045	0.00%	0	(0)	3	28	1	3	2	2
2046	0.00%	0	(0)	2	29	1	2	1	2
2047	0.00%	0	(0)	1	30	0	1	1	1
2048	0.00%	0	(0)	(0)	31	0	1	0	0

* Column not specified in workbook

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1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED : REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kW EFFECTIVENESS FACTOR
2013	1	1	3.15	8.03	3.16	0.00	1.00	1.00
2014	1	1	3.52	7.47	3.53	0.00	1.00	1.00
2015	1	1	3.59	7.46	3.60	0.00	1.00	1.00
2016	1	1	4.65	10.78	4.67	0.00	1.00	1.00
2017	1	1	4.10	8.78	4.11	0.00	1.00	1.00
2018	1	1	4.70	14.25	4.71	0.00	1.00	1.00
2019	1	1	4.94	10.62	4.95	5.08	1.00	1.00
2020	1	1	5.44	13.60	5.45	5.40	1.00	1.00
2021	1	1	5.81	15.99	5.82	5.78	1.00	1.00
2022	1	1	5.84	12.06	5.85	5.89	1.00	1.00
2023	1	1	6.14	13.03	6.15	6.24	1.00	1.00
2024	1	1	6.47	15.49	6.48	6.56	1.00	1.00
2025	1	1	6.60	13.82	6.61	6.69	1.00	1.00
2026	1	1	6.84	15.93	6.86	6.86	1.00	1.00
2027	1	1	7.02	16.41	7.03	7.05	1.00	1.00
2028	1	1	7.00	14.90	7.02	7.06	1.00	1.00
2029	1	1	7.10	14.65	7.12	7.18	1.00	1.00
2030	1	1	7.20	14.63	7.22	7.24	1.00	1.00
2031	1	1	7.37	14.77	7.39	7.49	1.00	1.00
2032	1	1	7.58	14.56	7.59	7.65	1.00	1.00
2033	1	1	7.87	15.93	7.89	7.99	1.00	1.00
2034	1	1	8.03	15.67	8.05	8.30	1.00	1.00
2035	1	1	8.24	15.63	8.25	8.52	1.00	1.00
2036	1	1	8.46	14.40	8.47	8.66	1.00	1.00
2037	1	1	8.72	15.98	8.74	9.08	1.00	1.00
2038	1	1	9.03	16.16	9.04	9.48	1.00	1.00
2039	1	1	9.29	15.97	9.30	9.89	1.00	1.00
2040	1	1	9.53	15.90	9.54	10.24	1.00	1.00
2041	1	1	9.82	15.77	9.83	10.60	1.00	1.00
2042	1	1	10.18	15.99	10.19	11.04	1.00	1.00
2043	1	1	10.53	16.79	10.54	11.48	1.00	1.00
2044	1	1	10.87	17.01	10.88	11.90	1.00	1.00
2045	1	1	11.33	19.14	11.34	12.44	1.00	1.00
2046	1	1	11.74	19.38	11.75	12.96	1.00	1.00
2047	1	1	12.13	19.85	12.14	13.40	1.00	1.00
2048	1	1	12.55	20.13	12.57	14.01	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	5	4	0	6	8	8
2020	5	4	0	12	14	7
2021	5	4	0	12	15	7
2022	5	4	0	13	15	7
2023	5	4	0	14	16	7
2024	5	4	0	14	16	7
2025	4	5	0	15	17	7
2026	4	5	0	15	18	7
2027	4	5	0	16	18	7
2028	4	5	0	17	18	7
2029	4	5	0	17	19	8
2030	4	5	0	18	19	8
2031	3	5	0	18	19	8
2032	3	5	0	19	20	8
2033	3	6	0	20	21	8
2034	3	6	0	21	21	8
2035	3	6	0	21	22	8
2036	3	6	0	22	23	8
2037	2	6	0	23	24	8
2038	2	6	0	24	25	8
2039	2	5	0	25	26	8
2040	2	7	0	26	27	8
2041	2	7	0	27	27	8
2042	2	7	0	28	29	8
2043	2	7	0	29	30	8
2044	2	7	0	30	31	8
2045	1	7	0	31	32	8
2046	1	8	0	32	34	8
2047	1	8	0	33	35	8
2048	1	8	0	35	36	8
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	93	173	8	632	672	234
NPV	32	42	2	141	154	63

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	1	1	0	0	0
2024	1	1	1	0	0
2025	1	1	1	0	0
2026	1	2	1	0	0
2027	1	2	1	0	0
2028	2	2	1	0	0
2029	2	2	1	0	1
2030	2	3	1	0	1
2031	2	3	1	0	1
2032	3	3	2	0	1
2033	3	4	2	0	1
2034	3	4	2	0	1
2035	4	5	2	0	1
2036	4	6	2	0	1
2037	5	6	3	0	1
2038	5	7	3	0	1
2039	6	7	3	0	2
2040	6	8	4	0	2
2041	7	9	4	0	2
2042	8	10	4	0	2
2043	8	11	5	0	2
2044	9	12	5	0	2
2045	10	13	6	0	3
2046	11	14	6	0	3
2047	12	15	7	0	3
2048	13	17	7	0	3
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	130	170	75	0	35
NPV	20	26	12	0	6

[illegible]

7.45	%
1.80	

page 1
19-Jun-13

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	34.79 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	45,748.06 kW
(3) kW LINE LOSS PERCENTAGE	7.22 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	157,334.07 kWh
(5) kWh LINE LOSS PERCENTAGE	5.76 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58273
(5) K FACTOR FOR T & D	1.56919

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	7.45 %
(11) UTILITY AFUDC RATE	6.50 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	774.44 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.00 \$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	103.11 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.53 \$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	53% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.12 CENTS PER kWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	10.15 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

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1      * INPUT DATA - PART 1 CONTINUED
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ████████████████████

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	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES	(2) UTILITY INCENTIVES	(3) OTHER UTILITY COSTS	(4) TOTAL UTILITY PROGRAM COSTS	(5) ENERGY CHARGE REVENUE LOSSES	(6) DEMAND CHARGE REVENUE LOSSES	(7) PARTICIPANT EQUIPMENT COSTS	(8) PARTICIPANT O&M COSTS	(9) OTHER PARTICIPANT COSTS	(10) TOTAL PARTICIPANT COSTS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	7	0	8	4	2	50	0	0	50
2014	0	0	0	0	8	4	0	0	0	0
2015	0	0	0	0	8	4	0	0	0	0
2016	0	0	0	0	8	4	0	0	0	0
2017	0	0	0	0	8	4	0	0	0	0
2018	1	7	0	8	9	5	56	0	0	56
2019	0	0	0	0	10	5	0	0	0	0
2020	0	0	0	0	10	5	0	0	0	0
2021	0	0	0	0	10	5	0	0	0	0
2022	0	0	0	0	11	6	0	0	0	0
2023	1	7	0	8	12	5	64	0	0	64
2024	0	0	0	0	12	5	0	0	0	0
2025	0	0	0	0	12	5	0	0	0	0
2026	0	0	0	0	13	5	0	0	0	0
2027	0	0	0	0	13	5	0	0	0	0
2028	1	7	0	8	13	5	72	0	0	72
2029	0	0	0	0	14	5	0	0	0	0
2030	0	0	0	0	14	5	0	0	0	0
2031	0	0	0	0	15	5	0	0	0	0
2032	0	0	0	0	15	5	0	0	0	0
2033	1	7	0	8	16	5	82	0	0	82
2034	0	0	0	0	17	5	0	0	0	0
2035	0	0	0	0	18	5	0	0	0	0
2036	0	0	0	0	19	5	0	0	0	0
2037	0	0	0	0	20	5	0	0	0	0
2038	1	7	0	8	21	5	92	0	0	92
2039	0	0	0	0	22	6	0	0	0	0
2040	0	0	0	0	22	6	0	0	0	0
2041	0	0	0	0	23	6	0	0	0	0
2042	0	0	0	0	24	6	0	0	0	0
2043	1	7	0	8	26	6	105	0	0	105
2044	0	0	0	0	27	6	0	0	0	0
2045	0	0	0	0	28	6	0	0	0	0
2046	0	0	0	0	30	6	0	0	0	0
2047	0	0	0	0	31	6	0	0	0	0
2048	1	7	0	8	33	6	118	0	0	118
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	6	57	0	63	596	184	639	0	0	639
NPV	2	22	0	24	160	63	201	0	0	201

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

→ NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

page 3

1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	44	1	0	3	2	1	0	1	0	8	8	8	43
2020	42	1	0	3	1	1	0	1	1	7	7	15	45
2021	40	1	0	3	1	1	0	1	1	7	6	21	46
2022	38	1	0	2	1	1	0	1	0	7	6	26	47
2023	36	1	0	2	1	1	0	1	0	7	5	31	48
2024	35	1	0	2	1	1	0	1	0	6	4	36	49
2025	33	1	0	2	1	1	0	1	0	6	4	40	50
2026	31	1	0	2	1	1	0	1	0	6	4	43	52
2027	29	1	0	2	1	1	0	1	0	6	3	46	53
2028	28	1	0	2	1	1	0	1	0	5	3	49	54
2029	26	1	0	2	1	1	0	1	0	5	3	52	56
2030	24	0	0	2	1	0	0	1	0	5	2	54	57
2031	23	0	0	1	1	0	0	1	0	5	2	56	58
2032	21	0	0	1	1	0	0	1	0	5	2	58	60
2033	19	0	0	1	1	0	0	1	0	4	2	59	61
2034	18	0	0	1	1	0	0	1	0	4	1	61	63
2035	16	0	0	1	0	0	0	1	0	4	1	62	65
2036	15	0	0	1	0	0	0	1	0	4	1	63	66
2037	13	0	0	1	0	0	0	1	0	3	1	64	68
2038	11	0	0	1	0	0	0	1	0	3	1	65	69
2039	10	0	0	1	1	0	0	1	(0)	3	1	65	71
2040	8	0	0	1	1	0	0	1	(1)	3	1	66	73
2041	7	0	0	0	1	0	0	1	(1)	3	1	66	75
2042	6	0	0	0	1	0	0	1	(1)	2	0	67	77
2043	6	0	0	0	1	0	0	1	(1)	2	0	67	79
2044	5	0	0	0	1	0	0	1	(1)	2	0	68	81
2045	4	0	0	0	1	0	0	1	(1)	2	0	68	83
2046	3	0	0	0	1	0	0	1	(1)	2	0	68	85
2047	2	0	0	0	1	0	0	1	(1)	2	0	69	87
2048	1	0	0	0	1	0	0	1	(1)	2	0	69	89

IN SERVICE COST (\$000)	43
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.4%
PROPERTY TAX	1.82%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	%
DEBT	40%	4.79	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58273

page 4a

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)*(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	2	2	1	1	1	1	0	2	0	0	0	0	(0)
2020	7.22%	3	5	1	3	1	3	1	2	0	0	0	1	0
2021	6.68%	3	8	1	4	1	4	1	2	0	0	0	1	1
2022	6.18%	3	10	1	6	1	5	0	2	0	0	0	0	1
2023	5.71%	2	13	1	7	1	7	0	2	0	0	0	0	2
2024	5.29%	2	15	1	9	1	8	0	2	0	0	0	0	2
2025	4.89%	2	17	1	10	1	10	0	2	0	0	0	0	2
2026	4.52%	2	19	1	12	1	11	0	2	0	0	0	0	2
2027	4.46%	2	21	1	13	1	12	0	2	0	0	0	0	3
2028	4.46%	2	23	1	14	1	14	0	2	0	0	0	0	3
2029	4.46%	2	25	1	16	1	15	0	2	0	0	0	0	3
2030	4.46%	2	26	1	17	1	16	0	2	0	0	0	0	3
2031	4.46%	2	28	1	19	1	18	0	2	0	0	0	0	4
2032	4.46%	2	30	1	20	1	19	0	2	0	0	0	0	4
2033	4.46%	2	32	1	22	1	21	0	2	0	0	0	0	4
2034	4.46%	2	34	1	23	1	22	0	2	0	0	0	0	4
2035	4.46%	2	36	1	25	1	23	0	2	0	0	0	0	4
2036	4.46%	2	38	1	26	1	25	0	2	0	0	0	0	5
2037	4.46%	2	40	1	28	1	26	0	2	0	0	0	0	5
2038	4.46%	2	42	1	29	1	27	0	2	0	0	0	0	5
2039	2.23%	1	43	1	30	1	29	(0)	2	0	0	0	(0)	5
2040	0.00%	0	43	1	32	1	30	(1)	2	0	0	0	(1)	4
2041	0.00%	0	43	1	33	1	32	(1)	2	0	0	0	(1)	4
2042	0.00%	0	43	1	35	1	33	(1)	2	0	0	0	(1)	3
2043	0.00%	0	43	1	36	1	34	(1)	2	0	0	0	(1)	3
2044	0.00%	0	43	1	38	1	36	(1)	2	0	0	0	(1)	2
2045	0.00%	0	43	1	39	1	37	(1)	2	0	0	0	(1)	2
2046	0.00%	0	43	1	41	1	38	(1)	2	0	0	0	(1)	1
2047	0.00%	0	43	1	42	1	40	(1)	2	0	0	0	(1)	1
2048	0.00%	0	43	1	43	1	41	(1)	2	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2019	3.75%	2	0	42	1	(0)	44	42	43
2020	7.22%	3	1	41	3	0	42	40	41
2021	6.68%	3	1	39	4	1	40	38	39
2022	6.18%	3	0	38	6	1	38	36	37
2023	5.71%	2	0	36	7	2	36	35	35
2024	5.29%	2	0	35	9	2	35	33	34
2025	4.89%	2	0	33	10	2	33	31	32
2026	4.52%	1	0	32	12	2	31	29	30
2027	4.46%	2	0	30	13	3	29	28	29
2028	4.46%	2	0	29	14	3	28	26	27
2029	4.46%	2	0	28	16	3	26	24	25
2030	4.46%	2	0	26	17	3	24	23	24
2031	4.46%	2	0	25	19	4	23	21	22
2032	4.46%	2	0	23	20	4	21	19	20
2033	4.46%	2	0	22	22	4	19	18	19
2034	4.46%	2	0	20	23	4	18	16	17
2035	4.46%	2	0	19	25	4	16	15	15
2036	4.46%	2	0	17	26	5	15	13	14
2037	4.46%	2	0	16	28	5	13	11	12
2038	4.46%	2	0	14	29	5	11	10	10
2039	2.23%	1	(0)	13	30	5	10	8	9
2040	0.00%	0	(1)	12	32	4	8	7	8
2041	0.00%	0	(1)	10	33	4	7	6	7
2042	0.00%	0	(1)	9	35	3	6	6	6
2043	0.00%	0	(1)	7	36	3	6	5	5
2044	0.00%	0	(1)	6	38	2	5	4	4
2045	0.00%	0	(1)	4	39	2	4	3	3
2046	0.00%	0	(1)	3	41	1	3	2	2
2047	0.00%	0	(1)	1	42	1	2	1	1
2048	0.00%	0	(1)	0	43	0	1	0	0

* Column not specified in workbook

page 6

1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED : REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/KWh)	AVOIDED MARGINAL FUEL COST (C/KWh)	INCREASED MARGINAL FUEL COST (C/KWh)	REPLACEMENT FUEL COST (C/KWh)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KW EFFECTIVENESS FACTOR
2013	1	1	3.15	8.03	3.16	0.00	1.00	1.00
2014	1	1	3.52	7.47	3.53	0.00	1.00	1.00
2015	1	1	3.59	7.46	3.60	0.00	1.00	1.00
2016	1	1	4.65	10.78	4.67	0.00	1.00	1.00
2017	1	1	4.10	8.78	4.11	0.00	1.00	1.00
2018	1	1	4.70	14.25	4.71	0.00	1.00	1.00
2019	1	1	4.94	10.62	4.95	5.08	1.00	1.00
2020	1	1	5.44	13.60	5.45	5.40	1.00	1.00
2021	1	1	5.81	15.99	5.82	5.78	1.00	1.00
2022	1	1	5.84	12.06	5.85	5.89	1.00	1.00
2023	1	1	6.14	13.03	6.15	6.24	1.00	1.00
2024	1	1	6.47	15.49	6.48	6.56	1.00	1.00
2025	1	1	6.60	13.82	6.61	6.69	1.00	1.00
2026	1	1	6.84	15.93	6.86	6.86	1.00	1.00
2027	1	1	7.02	16.41	7.03	7.05	1.00	1.00
2028	1	1	7.00	14.90	7.02	7.06	1.00	1.00
2029	1	1	7.10	14.65	7.12	7.18	1.00	1.00
2030	1	1	7.20	14.63	7.22	7.24	1.00	1.00
2031	1	1	7.37	14.77	7.39	7.49	1.00	1.00
2032	1	1	7.58	14.56	7.59	7.65	1.00	1.00
2033	1	1	7.87	15.93	7.89	7.99	1.00	1.00
2034	1	1	8.03	15.67	8.05	8.30	1.00	1.00
2035	1	1	8.24	15.63	8.25	8.52	1.00	1.00
2036	1	1	8.46	14.40	8.47	8.66	1.00	1.00
2037	1	1	8.72	15.98	8.74	9.08	1.00	1.00
2038	1	1	9.03	16.16	9.04	9.48	1.00	1.00
2039	1	1	9.29	15.97	9.30	9.89	1.00	1.00
2040	1	1	9.53	15.90	9.54	10.24	1.00	1.00
2041	1	1	9.82	15.77	9.83	10.60	1.00	1.00
2042	1	1	10.18	15.99	10.19	11.04	1.00	1.00
2043	1	1	10.53	16.79	10.54	11.48	1.00	1.00
2044	1	1	10.87	17.01	10.88	11.90	1.00	1.00
2045	1	1	11.33	19.14	11.34	12.44	1.00	1.00
2046	1	1	11.74	19.38	11.75	12.96	1.00	1.00
2047	1	1	12.13	19.85	12.14	13.40	1.00	1.00
2048	1	1	12.55	20.13	12.57	14.01	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	8	5	0	9	11	11
2020	7	6	0	16	19	10
2021	7	6	0	17	20	10
2022	7	6	0	18	21	10
2023	7	6	0	19	22	10
2024	6	6	0	20	23	10
2025	6	6	0	21	24	10
2026	6	7	0	22	25	9
2027	6	7	0	22	25	10
2028	5	7	0	23	25	10
2029	5	7	0	24	26	10
2030	5	7	0	24	26	11
2031	5	7	0	26	27	11
2032	5	8	0	26	28	11
2033	4	8	0	28	29	11
2034	4	8	0	29	30	11
2035	4	8	0	30	31	11
2036	4	8	0	31	31	12
2037	3	9	0	32	33	12
2038	3	9	0	33	34	11
2039	3	9	0	35	36	11
2040	3	9	0	36	37	11
2041	3	9	0	37	38	11
2042	2	10	0	39	40	11
2043	2	10	0	40	41	11
2044	2	10	0	42	43	12
2045	2	10	0	43	45	11
2046	2	11	0	45	47	11
2047	2	11	0	46	48	11
2048	2	11	0	49	50	11
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	129	240	11	879	934	326
NPV	45	58	3	196	215	87

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1      AVOIDED T&D AND PROGRAM FUEL SAVINGS
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME : ████████████████████

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST \$(000)	AVOIDED TRANSMISSION O&M COST \$(000)	TOTAL AVOIDED TRANSMISSION COST \$(000)	AVOIDED DISTRIBUTION CAP COST \$(000)	AVOIDED DISTRIBUTION O&M COST \$(000)	TOTAL AVOIDED DISTRIBUTION COST \$(000)	PROGRAM FUEL SAVINGS \$(000)	PROGRAM OFF-PEAK PAYBACK \$(000)
2013	0	0	0	0	0	0	7	0
2014	1	0	1	0	0	0	13	0
2015	1	0	1	0	0	0	13	0
2016	1	0	1	0	0	0	19	0
2017	1	0	1	0	0	0	15	0
2018	1	0	1	0	0	0	26	0
2019	1	0	1	0	0	0	19	0
2020	1	0	1	0	0	0	24	0
2021	1	0	1	0	0	0	28	0
2022	1	0	1	0	0	0	21	0
2023	1	0	1	0	0	0	23	0
2024	1	0	1	0	0	0	27	0
2025	1	0	1	0	0	0	24	0
2026	1	0	1	0	0	0	28	0
2027	1	0	1	0	0	0	29	0
2028	1	0	1	0	0	0	26	0
2029	1	0	1	0	0	0	25	0
2030	1	0	1	0	0	0	25	0
2031	1	0	1	0	0	0	26	0
2032	1	0	1	0	0	0	25	0
2033	1	0	1	0	0	0	28	0
2034	1	0	1	0	0	0	27	0
2035	0	0	1	0	0	0	27	0
2036	0	0	1	0	0	0	25	0
2037	0	0	1	0	0	0	27	0
2038	0	0	1	0	0	0	28	0
2039	0	0	1	0	0	0	27	0
2040	0	0	1	0	0	0	27	0
2041	0	0	1	0	0	0	27	0
2042	0	0	1	0	0	0	27	0
2043	0	0	1	0	0	0	28	0
2044	0	0	1	0	0	0	29	0
2045	0	0	1	0	0	0	33	0
2046	0	0	1	0	0	0	33	0
2047	0	0	1	0	0	0	34	0
2048	0	0	1	0	0	0	34	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
NOM.	22	9	31	3	5	7	904	0
NPV	10	3	13	1	1	3	287	0

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	1	1	1	0	0
2024	1	2	1	0	0
2025	2	2	1	0	0
2026	2	2	1	0	1
2027	2	3	1	0	1
2028	2	3	1	0	1
2029	3	3	1	0	1
2030	3	4	2	0	1
2031	3	4	2	0	1
2032	4	5	2	0	1
2033	4	5	2	0	1
2034	5	6	3	0	1
2035	5	7	3	0	1
2036	6	8	3	0	2
2037	6	8	4	0	2
2038	7	9	4	0	2
2039	8	10	5	0	2
2040	9	11	5	0	2
2041	10	13	6	0	3
2042	11	14	6	0	3
2043	12	15	7	0	3
2044	13	17	7	0	3
2045	14	18	8	0	4
2046	15	20	9	0	4
2047	16	22	9	0	4
2048	18	23	10	0	5
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	180	236	104	0	48
NPV	27	36	16	0	8

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1      TOTAL RESOURCE COST TEST
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ██████████ ██████████

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Discount Rate:	7.45	%
Benefit/Cost Ratio (Col(11) / Col(6)) :	1.96	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SAVINGS IN PARTICIPANTS BILLS	TAX CREDITS	UTILITY REBATES	OTHER BENEFITS	TOTAL BENEFITS	CUSTOMER EQUIPMENT COSTS	CUSTOMER O&M COSTS	OTHER COSTS	TOTAL COSTS	NET BENEFITS	CUMULATIVE DISCOUNTED NET BENEFITS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	7	0	7	0	14	50	0	0	50	(36)	(36)
2014	14	0	0	0	14	0	0	0	0	14	(23)
2015	14	0	0	0	14	0	0	0	0	14	(11)
2016	14	0	0	0	14	0	0	0	0	14	1
2017	14	0	0	0	14	0	0	0	0	14	11
2018	16	0	7	0	23	56	0	0	56	(33)	(12)
2019	17	0	0	0	17	0	0	0	0	17	(1)
2020	17	0	0	0	17	0	0	0	0	17	9
2021	18	0	0	0	18	0	0	0	0	18	19
2022	19	0	0	0	19	0	0	0	0	19	29
2023	19	0	7	0	26	64	0	0	64	(37)	11
2024	19	0	0	0	19	0	0	0	0	19	20
2025	20	0	0	0	20	0	0	0	0	20	28
2026	20	0	0	0	20	0	0	0	0	20	36
2027	21	0	0	0	21	0	0	0	0	21	43
2028	21	0	7	0	28	72	0	0	72	(44)	28
2029	21	0	0	0	21	0	0	0	0	21	35
2030	22	0	0	0	22	0	0	0	0	22	42
2031	22	0	0	0	22	0	0	0	0	22	48
2032	24	0	0	0	24	0	0	0	0	24	54
2033	25	0	7	0	32	82	0	0	82	(49)	42
2034	26	0	0	0	26	0	0	0	0	26	48
2035	27	0	0	0	27	0	0	0	0	27	53
2036	28	0	0	0	28	0	0	0	0	28	59
2037	29	0	0	0	29	0	0	0	0	29	64
2038	30	0	7	0	38	92	0	0	92	(55)	55
2039	32	0	0	0	32	0	0	0	0	32	60
2040	32	0	0	0	32	0	0	0	0	32	64
2041	34	0	0	0	34	0	0	0	0	34	69
2042	35	0	0	0	35	0	0	0	0	35	73
2043	37	0	7	0	44	105	0	0	105	(61)	66
2044	38	0	0	0	38	0	0	0	0	38	70
2045	40	0	0	0	40	0	0	0	0	40	74
2046	42	0	0	0	42	0	0	0	0	42	78
2047	44	0	0	0	44	0	0	0	0	44	82
2048	46	0	7	0	53	118	0	0	118	(65)	77
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	
NOM	903	0	57	0	960	639	0	0	639	321	
NPV	256	0	22	0							

2019	
7.45	%
1.38	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	INCENTIVES \$(000)	REVENUE LOSSES \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	REVENUE GAINS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
YEAR													
2013	0	0	7	6	0	14	7	0	0	0	7	(6)	(6)
2014	0	0	0	12	0	12	13	2	0	0	15	2	(4)
2015	0	0	0	12	0	12	13	2	0	0	15	2	(2)
2016	0	0	0	12	0	12	19	1	0	0	20	8	4
2017	0	0	0	13	0	13	15	1	0	0	17	4	7
2018	0	1	7	14	0	22	26	1	0	0	27	5	11
2019	0	0	0	15	0	15	30	1	0	0	31	16	22
2020	0	0	0	15	0	15	34	1	0	0	36	20	34
2021	0	0	0	16	0	16	38	1	0	0	39	24	47
2022	0	0	0	16	0	16	31	1	0	0	32	16	56
2023	0	1	7	17	0	25	33	1	0	0	34	10	60
2024	0	0	0	17	0	17	37	1	0	0	39	22	70
2025	0	0	0	17	0	17	34	1	0	0	35	18	78
2026	0	0	0	17	0	17	37	1	0	1	39	22	86
2027	0	0	0	18	0	18	38	1	0	1	40	22	95
2028	0	1	7	18	0	26	36	1	0	1	38	12	99
2029	0	0	0	19	0	19	36	1	0	1	38	19	105
2030	0	0	0	19	0	19	36	1	0	1	38	19	110
2031	0	0	0	20	0	20	37	1	0	1	39	19	115
2032	0	0	0	20	0	20	36	1	0	1	38	18	120
2033	0	1	7	22	0	30	39	1	0	1	41	11	123
2034	0	0	0	22	0	22	38	1	0	1	40	18	127
2035	0	0	0	23	0	23	38	1	0	1	41	18	130
2036	0	0	0	25	0	25	36	1	0	2	39	14	133
2037	0	0	0	25	0	25	39	1	0	2	42	16	136
2038	0	1	7	26	0	34	39	1	0	2	42	8	137
2039	0	0	0	27	0	27	39	1	0	2	42	14	140
2040	0	0	0	28	0	28	38	1	0	2	42	14	141
2041	0	0	0	29	0	29	38	1	0	3	42	13	143
2042	0	0	0	30	0	30	39	1	0	3	42	12	145
2043	0	1	7	31	0	39	40	1	0	3	44	4	145
2044	0	0	0	33	0	33	40	1	0	3	45	12	147
2045	0	0	0	34	0	34	44	1	0	4	49	15	148
2046	0	0	0	36	0	36	44	1	0	4	49	14	149
2047	0	0	0	37	0	37	45	1	0	4	50	13	150
2048	0	1	7	39	0	47	46	1	0	5	51	4	151
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0</								

Discount Rate

Benefit/Cost Ratio (Col(12) / Col(7)) :

7.45 %

1.61

page 1
21-Jun-13

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV. REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	318.04 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	418.19674 kW
(3) kW LINE LOSS PERCENTAGE	7.22 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	3,586,550.16 kWh
(5) kWh LINE LOSS PERCENTAGE	5.76 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58273
(5) K FACTOR FOR T & D	1.56919

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	7.45 %
(11) UTILITY AFUDC RATE	6.50 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	774.44 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90 \$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85 \$/kW
(7) GEN. TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	103.11 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.53 \$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	53% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.12 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	10.15 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

page 2

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1      * INPUT DATA - PART 1 CONTINUED
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ██████████ - ██████████

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	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	UTILITY PROGRAM COSTS WITHOUT INCENTIVES	UTILITY INCENTIVES	OTHER UTILITY COSTS	TOTAL UTILITY PROGRAM COSTS	ENERGY CHARGE REVENUE LOSSES	DEMAND CHARGE REVENUE LOSSES	PARTICIPANT EQUIPMENT COSTS	PARTICIPANT O&M COSTS	OTHER PARTICIPANT COSTS	TOTAL PARTICIPANT COSTS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	1	66	0	67	62	21	777	0	0	777
2014	0	0	0	0	131	39	0	0	0	0
2015	0	0	0	0	133	39	0	0	0	0
2016	0	0	0	0	135	38	0	0	0	0
2017	0	0	0	0	139	38	0	0	0	0
2018	0	0	0	0	154	43	0	0	0	0
2019	0	0	0	0	160	45	0	0	0	0
2020	0	0	0	0	165	47	0	0	0	0
2021	0	0	0	0	171	49	0	0	0	0
2022	0	0	0	0	178	51	0	0	0	0
2023	0	0	0	0	192	47	0	0	0	0
2024	0	0	0	0	195	47	0	0	0	0
2025	0	0	0	0	200	45	0	0	0	0
2026	0	0	0	0	207	45	0	0	0	0
2027	0	0	0	0	213	45	0	0	0	0
2028	1	66	0	67	217	45	1,125	0	0	1,125
2029	0	0	0	0	224	45	0	0	0	0
2030	0	0	0	0	231	46	0	0	0	0
2031	0	0	0	0	238	46	0	0	0	0
2032	0	0	0	0	251	47	0	0	0	0
2033	0	0	0	0	271	48	0	0	0	0
2034	0	0	0	0	282	48	0	0	0	0
2035	0	0	0	0	293	48	0	0	0	0
2036	0	0	0	0	315	49	0	0	0	0
2037	0	0	0	0	327	50	0	0	0	0
2038	0	0	0	0	341	50	0	0	0	0
2039	0	0	0	0	355	50	0	0	0	0
2040	0	0	0	0	367	51	0	0	0	0
2041	0	0	0	0	384	51	0	0	0	0
2042	0	0	0	0	401	51	0	0	0	0
2043	2	66	0	68	421	52	1,629	0	0	1,629
2044	0	0	0	0	442	52	0	0	0	0
2045	0	0	0	0	465	53	0	0	0	0
2046	0	0	0	0	489	53	0	0	0	0
2047	0	0	0	0	515	54	0	0	0	0
2048	0	0	0	0	542	54	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	5	197	0	201	9,806	1,684	3,531	0	0	3,531
NPV	2	95	0	97	2,629	575	1,348	0	0	1,348

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV REQ
3 PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	402	8	0	25	13	7	0	13	1	70	70	397
2020	388	8	0	24	10	7	0	13	6	68	63	407
2021	369	7	0	23	10	7	0	13	5	65	56	417
2022	351	7	0	22	10	6	0	13	4	63	51	428
2023	333	6	0	21	10	6	0	13	4	60	45	439
2024	316	6	0	20	10	6	0	13	3	58	41	450
2025	300	6	0	19	10	6	0	13	3	56	36	461
2026	284	5	0	18	10	5	0	13	2	54	32	472
2027	269	5	0	17	9	5	0	13	2	52	29	484
2028	254	5	0	16	9	5	0	13	2	50	26	496
2029	238	5	0	15	8	5	0	13	2	47	23	509
2030	223	4	0	14	7	4	0	13	2	45	21	521
2031	208	4	0	13	7	4	0	13	2	43	18	534
2032	193	4	0	12	6	4	0	13	2	41	16	548
2033	178	3	0	11	6	4	0	13	2	39	14	561
2034	163	3	0	10	5	3	0	13	2	37	13	575
2035	148	3	0	9	4	3	0	13	2	35	11	590
2036	133	3	0	8	4	3	0	13	2	33	10	605
2037	118	2	0	7	3	3	0	13	2	31	8	620
2038	102	2	0	6	3	2	0	13	2	29	7	635
2039	87	2	0	5	5	2	0	13	(1)	27	6	651
2040	76	1	0	5	8	2	0	13	(5)	25	6	667
2041	67	1	0	4	8	2	0	13	(5)	24	5	684
2042	59	1	0	4	8	1	0	13	(5)	23	4	701
2043	50	1	0	3	7	1	0	13	(5)	21	4	719
2044	42	1	0	3	7	1	0	13	(5)	20	3	737
2045	34	1	0	2	7	1	0	13	(5)	19	3	755
2046	25	0	0	2	6	0	0	13	(5)	18	3	774
2047	17	0	0	1	6	0	0	13	(5)	16	2	793
2048	8	0	0	1	6	0	0	13	(5)	15	2	813

IN SERVICE COST	\$(000)	397
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFPEC. TAX RATE		38.57%
DISCOUNT RATE		7.4%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	4.79	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = $\frac{CPWFC}{IN-SVC\ COST}$ = 1.58273

page 4a

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	15	15	13	13	13	13	1	21	0	0	0	1	(4)
2020	7.22%	28	43	13	26	13	25	6	21	0	0	0	6	2
2021	6.68%	26	69	13	40	13	38	5	21	0	0	0	5	7
2022	6.18%	24	93	13	53	13	50	4	21	0	0	0	4	11
2023	5.71%	22	115	13	66	13	63	4	21	0	0	0	4	15
2024	5.29%	21	136	13	79	13	75	3	21	0	0	0	3	18
2025	4.89%	19	155	13	93	13	88	3	21	0	0	0	3	21
2026	4.52%	18	172	13	106	13	100	2	21	0	0	0	2	23
2027	4.46%	17	190	13	119	13	113	2	21	0	0	0	2	25
2028	4.46%	17	207	13	132	13	125	2	21	0	0	0	2	26
2029	4.46%	17	224	13	146	13	138	2	21	0	0	0	2	28
2030	4.46%	17	242	13	159	13	151	2	21	0	0	0	2	30
2031	4.46%	17	259	13	172	13	163	2	21	0	0	0	2	32
2032	4.46%	17	276	13	185	13	176	2	21	0	0	0	2	34
2033	4.46%	17	294	13	199	13	188	2	21	0	0	0	2	36
2034	4.46%	17	311	13	212	13	201	2	21	0	0	0	2	38
2035	4.46%	17	329	13	225	13	213	2	21	0	0	0	2	39
2036	4.46%	17	346	13	238	13	226	2	21	0	0	0	2	41
2037	4.46%	17	363	13	252	13	238	2	21	0	0	0	2	43
2038	4.46%	17	381	13	265	13	251	2	21	0	0	0	2	45
2039	2.23%	9	389	13	278	13	263	(1)	21	0	0	0	(1)	44
2040	0.00%	0	389	13	291	13	276	(5)	21	0	0	0	(5)	39
2041	0.00%	0	389	13	305	13	289	(5)	21	0	0	0	(5)	34
2042	0.00%	0	389	13	318	13	301	(5)	21	0	0	0	(5)	29
2043	0.00%	0	389	13	331	13	314	(5)	21	0	0	0	(5)	24
2044	0.00%	0	389	13	344	13	326	(5)	21	0	0	0	(5)	19
2045	0.00%	0	389	13	358	13	339	(5)	21	0	0	0	(5)	15
2046	0.00%	0	389	13	371	13	351	(5)	21	0	0	0	(5)	10
2047	0.00%	0	389	13	384	13	364	(5)	21	0	0	0	(5)	5
2048	0.00%	0	389	13	397	13	376	(5)	21	0	0	0	(5)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(5)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	21
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2019	3.75%	15	1	384	13	(4)	402	388	395
2020	7.22%	28	6	371	26	2	388	369	379
2021	6.68%	26	5	358	40	7	369	351	360
2022	6.18%	24	4	344	53	11	351	333	342
2023	5.71%	22	4	331	66	15	333	316	324
2024	5.29%	21	3	318	79	18	316	300	308
2025	4.89%	19	3	305	93	21	300	284	292
2026	4.52%	18	2	291	106	23	284	269	276
2027	4.46%	17	2	278	119	25	269	254	261
2028	4.46%	17	2	265	132	26	254	238	246
2029	4.46%	17	2	252	146	28	238	223	231
2030	4.46%	17	2	238	159	30	223	208	216
2031	4.46%	17	2	225	172	32	208	193	201
2032	4.46%	17	2	212	185	34	193	178	186
2033	4.46%	17	2	199	199	36	178	163	170
2034	4.46%	17	2	185	212	38	163	148	155
2035	4.46%	17	2	172	225	39	148	133	140
2036	4.46%	17	2	159	238	41	133	118	125
2037	4.46%	17	2	146	252	43	118	102	110
2038	4.46%	17	2	132	265	45	102	87	95
2039	2.23%	9	(1)	119	278	44	87	76	82
2040	0.00%	0	(5)	106	291	39	76	67	71
2041	0.00%	0	(5)	93	305	34	67	59	63
2042	0.00%	0	(5)	79	318	29	59	50	55
2043	0.00%	0	(5)	66	331	24	50	42	46
2044	0.00%	0	(5)	53	344	19	42	34	38
2045	0.00%	0	(5)	40	358	15	34	25	29
2046	0.00%	0	(5)	26	371	10	25	17	21
2047	0.00%	0	(5)	13	384	5	17	8	13
2048	0.00%	0	(5)	0	397	0	8	0	4

* Column not specified in workbook

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1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED : REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2013	1	1	3.15	9.71	3.15	0.00	1.00	1.00
2014	1	1	3.52	7.72	3.52	0.00	1.00	1.00
2015	1	1	3.59	7.72	3.59	0.00	1.00	1.00
2016	1	1	4.65	11.27	4.65	0.00	1.00	1.00
2017	1	1	4.10	9.69	4.10	0.00	1.00	1.00
2018	1	1	4.70	19.27	4.70	0.00	1.00	1.00
2019	1	1	4.94	11.56	4.94	5.08	1.00	1.00
2020	1	1	5.44	16.97	5.44	5.40	1.00	1.00
2021	1	1	5.81	21.20	5.81	5.78	1.00	1.00
2022	1	1	5.84	12.95	5.84	5.89	1.00	1.00
2023	1	1	6.14	14.42	6.14	6.24	1.00	1.00
2024	1	1	6.47	18.53	6.47	6.56	1.00	1.00
2025	1	1	6.60	14.73	6.60	6.69	1.00	1.00
2026	1	1	6.84	18.48	6.84	6.86	1.00	1.00
2027	1	1	7.02	19.05	7.02	7.05	1.00	1.00
2028	1	1	7.00	16.05	7.00	7.06	1.00	1.00
2029	1	1	7.10	15.53	7.10	7.18	1.00	1.00
2030	1	1	7.20	15.86	7.20	7.24	1.00	1.00
2031	1	1	7.37	16.17	7.37	7.49	1.00	1.00
2032	1	1	7.58	16.52	7.58	7.65	1.00	1.00
2033	1	1	7.87	17.54	7.87	7.99	1.00	1.00
2034	1	1	8.03	17.54	8.03	8.30	1.00	1.00
2035	1	1	8.24	18.42	8.24	8.52	1.00	1.00
2036	1	1	8.46	17.22	8.46	8.66	1.00	1.00
2037	1	1	8.72	18.62	8.72	9.08	1.00	1.00
2038	1	1	9.03	19.10	9.03	9.48	1.00	1.00
2039	1	1	9.29	19.27	9.29	9.89	1.00	1.00
2040	1	1	9.53	18.86	9.53	10.24	1.00	1.00
2041	1	1	9.82	18.31	9.82	10.60	1.00	1.00
2042	1	1	10.18	18.43	10.18	11.04	1.00	1.00
2043	1	1	10.53	19.31	10.53	11.48	1.00	1.00
2044	1	1	10.87	19.67	10.87	11.90	1.00	1.00
2045	1	1	11.33	22.83	11.33	12.44	1.00	1.00
2046	1	1	11.74	23.03	11.74	12.96	1.00	1.00
2047	1	1	12.13	23.41	12.13	13.40	1.00	1.00
2048	1	1	12.55	23.46	12.55	14.01	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	70	50	1	30	98	102
2020	68	51	2	148	177	93
2021	65	53	2	155	186	89
2022	63	54	2	162	191	90
2023	60	55	2	175	202	91
2024	58	57	2	181	209	88
2025	56	58	3	191	219	88
2026	54	59	3	197	226	87
2027	52	61	3	203	230	88
2028	50	62	3	210	232	93
2029	47	64	3	217	236	96
2030	45	66	3	222	238	98
2031	43	67	3	233	246	101
2032	41	69	3	241	252	102
2033	39	71	3	252	263	102
2034	37	72	3	261	273	101
2035	35	74	3	271	280	104
2036	33	76	3	281	286	107
2037	31	78	3	293	299	106
2038	29	80	4	304	312	104
2039	27	82	4	316	325	103
2040	25	84	4	328	337	104
2041	24	85	4	339	349	104
2042	23	88	4	354	364	105
2043	21	90	4	366	378	104
2044	20	93	4	382	392	107
2045	19	95	4	396	409	105
2046	18	97	4	412	427	104
2047	16	100	4	425	441	104
2048	15	102	5	444	461	104
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	1,184	2,195	96	8,037	8,537	2,976
NPV	409	534	23	1,794	1,964	797

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9a)*
	AVOIDED TRANSMISSION CAP COST \$(000)	AVOIDED TRANSMISSION O&M COST \$(000)	TOTAL AVOIDED TRANSMISSION COST \$(000)	AVOIDED DISTRIBUTION CAP COST \$(000)	AVOIDED DISTRIBUTION O&M COST \$(000)	TOTAL AVOIDED DISTRIBUTION COST \$(000)	PROGRAM FUEL SAVINGS \$(000)	PROGRAM OFF-PEAK PAYBACK \$(000)
2013	0	0	0	0	0	0	143	0
2014	11	2	12	1	1	2	222	0
2015	10	2	12	1	1	2	222	0
2016	10	2	11	1	1	2	327	0
2017	10	2	11	1	1	2	280	0
2018	9	2	11	1	1	2	576	0
2019	9	2	10	1	1	2	334	0
2020	8	2	10	1	1	2	500	0
2021	8	2	10	1	1	2	630	0
2022	8	2	10	1	1	2	373	0
2023	7	2	9	1	1	2	417	0
2024	7	2	9	1	1	2	543	0
2025	7	2	9	1	1	2	424	0
2026	6	2	9	1	1	2	540	0
2027	6	2	8	1	1	2	556	0
2028	6	2	8	1	1	2	463	0
2029	6	2	8	1	1	2	446	0
2030	5	2	8	1	1	2	456	0
2031	5	2	7	1	1	2	465	0
2032	5	2	7	1	1	2	475	0
2033	5	2	7	1	1	2	505	0
2034	5	2	7	1	1	2	504	0
2035	5	3	7	1	1	2	530	0
2036	4	3	7	0	1	2	492	0
2037	4	3	7	0	1	2	534	0
2038	4	3	7	0	1	2	547	0
2039	4	3	7	0	1	2	551	0
2040	4	3	7	0	1	2	537	0
2041	4	3	7	0	1	2	518	0
2042	4	3	7	0	2	2	521	0
2043	3	3	6	0	2	2	546	0
2044	3	3	6	0	2	2	556	0
2045	3	3	6	0	2	2	651	0
2046	3	3	6	0	2	2	656	0
2047	3	3	6	0	2	2	665	0
2048	3	4	6	0	2	2	665	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
NOM.	203	83	286	24	42	66	17,369	0
NPV	92	25	116	12	12	25	5,492	0

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	0	1	0	1
2014	0	0	2	0	2
2015	0	0	2	0	2
2016	0	0	2	0	2
2017	0	0	1	0	1
2018	0	0	1	0	1
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	1	0	0
2022	0	0	0	0	0
2023	10	14	11	0	8
2024	12	16	13	0	9
2025	14	18	15	0	11
2026	16	21	18	0	13
2027	18	24	20	0	14
2028	20	27	22	0	16
2029	23	31	25	0	18
2030	27	35	28	0	20
2031	30	39	32	0	23
2032	34	44	36	0	25
2033	38	50	41	0	29
2034	43	56	45	0	32
2035	48	62	50	0	35
2036	53	70	56	0	39
2037	59	77	62	0	44
2038	66	86	68	0	48
2039	72	95	75	0	53
2040	80	105	83	0	58
2041	88	115	91	0	64
2042	97	127	100	0	70
2043	106	139	110	0	77
2044	116	152	120	0	84
2045	127	166	132	0	93
2046	138	181	143	0	101
2047	150	197	156	0	109
2048	163	214	168	0	117
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	1,647	2,159	1,733	0	1,221
NPV	251	329	273	0	195

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Discount Rate:

7.45 %

4.91

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O&M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2013	95	0	66	0	161	777	0	0	777	(616)	(616)
2014	196	0	0	0	196	0	0	0	0	196	(433)
2015	200	0	0	0	200	0	0	0	0	200	(260)
2016	201	0	0	0	201	0	0	0	0	201	(98)
2017	205	0	0	0	205	0	0	0	0	205	56
2018	228	0	0	0	228	0	0	0	0	228	215
2019	237	0	0	0	237	0	0	0	0	237	369
2020	246	0	0	0	246	0	0	0	0	246	518
2021	255	0	0	0	255	0	0	0	0	255	661
2022	266	0	0	0	266	0	0	0	0	266	800
2023	278	0	0	0	278	0	0	0	0	278	936
2024	282	0	0	0	282	0	0	0	0	282	1,064
2025	287	0	0	0	287	0	0	0	0	287	1,185
2026	294	0	0	0	294	0	0	0	0	294	1,301
2027	301	0	0	0	301	0	0	0	0	301	1,411
2028	307	0	66	0	372	1,125	0	0	1,125	(753)	1,155
2029	315	0	0	0	315	0	0	0	0	315	1,254
2030	324	0	0	0	324	0	0	0	0	324	1,350
2031	333	0	0	0	333	0	0	0	0	333	1,441
2032	349	0	0	0	349	0	0	0	0	349	1,531
2033	375	0	0	0	375	0	0	0	0	375	1,620
2034	388	0	0	0	388	0	0	0	0	388	1,706
2035	401	0	0	0	401	0	0	0	0	401	1,788
2036	428	0	0	0	428	0	0	0	0	428	1,870
2037	444	0	0	0	444	0	0	0	0	444	1,949
2038	461	0	0	0	461	0	0	0	0	461	2,026
2039	479	0	0	0	479	0	0	0	0	479	2,100
2040	493	0	0	0	493	0	0	0	0	493	2,171
2041	514	0	0	0	514	0	0	0	0	514	2,239
2042	534	0	0	0	534	0	0	0	0	534	2,306
2043	559	0	66	0	624	1,629	0	0	1,629	(1,005)	2,190
2044	585	0	0	0	585	0	0	0	0	585	2,253
2045	613	0	0	0	613	0	0	0	0	613	2,314
2046	643	0	0	0	643	0	0	0	0	643	2,374
2047	674	0	0	0	674	0	0	0	0	674	2,433
2048	707	0	0	0	707	0	0	0	0	707	2,490
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
NOM	13,498	0	197	0	13,694	3,531	0	0	3,531	10,164	
NPV	3,743	0									

2019	
7.45	%
2.85	

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1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM/METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	80.30 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER	197.26 kW
(3) KW LINE LOSS PERCENTAGE	8.66 %
(4) GENERATOR KW REDUCTION PER CUSTOMER	1,035,927.23 kWh
(5) KWH LINE LOSS PERCENTAGE	6.90 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	35 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.76738
(5) K FACTOR FOR T & D	1.63254

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATE	*** %**
(10) UTILITY DISCOUNT RATE	8.89 %
(11) UTILITY AFUDC RATE	8.48 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2009
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2012-2019
(4) BASE YEAR AVOIDED GENERATING COST	725.39 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	185.52 \$/kW
(6) BASE YEAR DISTRIBUTION COST	20.64 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	97.66 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	2.82 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.01 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.106 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	0% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	8.23 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL	*** CENTS\$/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES	(2) UTILITY INCENTIVES	(3) OTHER UTILITY COSTS	(4) TOTAL UTILITY PROGRAM COSTS	(5) ENERGY CHARGE REVENUE	(6) DEMAND CHARGE REVENUE LOSSES	(7) PARTICIPANT EQUIPMENT COSTS	(8) PARTICIPANT O&M COSTS	(9) OTHER PARTICIPANT COSTS	(10) TOTAL PARTICIPANT COSTS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2009	0	0	0	0	0	0	0	0	0	0
2010	1	15	0	16	28	5	146	0	0	146
2011	0	0	0	0	57	11	0	0	0	0
2012	0	0	0	0	58	12	0	0	0	0
2013	0	0	0	0	62	12	0	0	0	0
2014	0	0	0	0	67	13	0	0	0	0
2015	0	0	0	0	71	14	0	0	0	0
2016	0	0	0	0	75	14	0	0	0	0
2017	0	0	0	0	78	15	0	0	0	0
2018	1	15	0	16	80	14	178	0	0	178
2019	0	0	0	0	85	14	0	0	0	0
2020	0	0	0	0	85	14	0	0	0	0
2021	0	0	0	0	88	14	0	0	0	0
2022	0	0	0	0	93	13	0	0	0	0
2023	0	0	0	0	97	14	0	0	0	0
2024	0	0	0	0	103	14	0	0	0	0
2025	0	0	0	0	109	13	0	0	0	0
2026	1	15	0	16	115	13	217	0	0	217
2027	0	0	0	0	123	13	0	0	0	0
2028	0	0	0	0	130	14	0	0	0	0
2029	0	0	0	0	138	14	0	0	0	0
2030	0	0	0	0	147	14	0	0	0	0
2031	0	0	0	0	155	14	0	0	0	0
2032	0	0	0	0	167	14	0	0	0	0
2033	0	0	0	0	185	15	0	0	0	0
2034	1	15	0	17	189	15	265	0	0	265
2035	0	0	0	0	199	15	0	0	0	0
2036	0	0	0	0	217	15	0	0	0	0
2037	0	0	0	0	230	15	0	0	0	0
2038	0	0	0	0	242	15	0	0	0	0
2039	0	0	0	0	256	15	0	0	0	0
2040	0	0	0	0	270	15	0	0	0	0
2041	0	0	0	0	287	15	0	0	0	0
2042	2	15	0	17	305	15	323	0	0	323
2043	0	0	0	0	325	16	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	6	76	0	82	4,917	468	1,129	0	0	1,129
NPV	2	27	0	29	988	135	319	0	0	315

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR IRC AND RIM TESTS

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1 CALCULATION OF GENK-FACTOR
2 PROGRAM/METHOD SELECTED KEY REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	REG-YEAR RATEBASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	117	4	0	8	5	2	1	5	0	24	24	24	114
2020	113	3	0	8	4	2	1	5	1	24	22	46	117
2021	106	3	0	7	4	2	1	5	1	23	19	65	120
2022	101	3	0	7	4	2	1	5	1	22	17	82	123
2023	95	3	0	7	4	2	1	5	1	21	15	97	126
2024	90	3	0	6	4	2	1	5	1	20	13	110	128
2025	84	3	0	6	3	1	1	5	0	19	12	122	132
2026	79	2	0	6	3	1	1	5	0	19	10	132	136
2027	74	2	0	5	3	1	1	5	0	18	9	141	139
2028	69	2	0	5	3	1	1	5	0	17	8	149	143
2029	65	2	0	5	3	1	1	5	0	16	7	156	146
2030	60	2	0	4	3	1	1	5	0	15	6	162	150
2031	55	2	0	4	2	1	1	5	0	15	5	167	154
2032	50	2	0	3	2	1	1	5	0	14	5	172	157
2033	45	1	0	3	2	1	1	5	0	13	4	176	161
2034	40	1	0	3	2	1	1	5	0	12	3	180	165
2035	35	1	0	2	2	1	1	5	0	12	3	182	170
2036	30	1	0	2	1	1	1	5	0	11	3	185	174
2037	26	1	0	2	1	0	1	5	0	10	2	187	178
2038	21	1	0	1	1	0	1	5	0	9	2	189	183
2039	16	0	0	1	2	0	1	5	(1)	9	2	191	187
2040	12	0	0	1	2	0	1	5	(2)	8	1	192	192
2041	9	0	0	1	2	0	1	5	(2)	7	1	193	197
2042	6	0	0	0	2	0	1	5	(2)	7	1	194	201
2043	3	0	0	0	2	(0)	1	5	(2)	7	1	195	207

IN SERVICE COST (\$000)	114
IN SERVICE YEAR	2019
BOOKLIFE (YRS)	25
EFFECT. TAXRATE	38.57%
DISCOUNT RATE	8.9%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	44%	7.03 %
P/S	0%	0.00 %
C/S	56%	12.50 %

K-FACTOR = CPWFC / IN-SVC COST = 1.70738

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM/METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	4	4	5	5	4	4	0	11	0	0	0	0	(2)
2020	7.22%	8	12	5	9	4	8	1	11	0	0	0	1	(1)
2021	6.88%	7	20	5	14	4	12	1	11	0	0	0	1	(2)
2022	6.18%	7	26	5	18	4	17	1	11	0	0	0	1	1
2023	5.71%	6	33	5	23	4	21	1	11	0	0	0	1	2
2024	5.39%	6	39	5	27	4	25	1	11	0	0	0	1	2
2025	4.89%	5	44	5	32	4	29	0	11	0	0	0	0	3
2026	4.52%	5	49	5	37	4	33	0	11	0	0	0	0	3
2027	4.46%	5	54	5	41	4	37	0	11	0	0	0	0	4
2028	4.46%	5	59	5	46	4	41	0	11	0	0	0	0	4
2029	4.46%	5	64	5	50	4	45	0	11	0	0	0	0	4
2030	4.46%	5	69	5	55	4	49	0	11	0	0	0	0	5
2031	4.46%	5	74	5	59	4	54	0	11	0	0	0	0	5
2032	4.46%	5	79	5	64	4	58	0	11	0	0	0	0	5
2033	4.46%	5	84	5	69	4	62	0	11	0	0	0	0	5
2034	4.46%	5	89	5	73	4	66	0	11	0	0	0	0	6
2035	4.46%	5	94	5	78	4	70	0	11	0	0	0	0	6
2036	4.46%	5	99	5	82	4	75	0	11	0	0	0	0	6
2037	4.46%	5	104	5	87	4	79	0	11	0	0	0	0	7
2038	4.46%	5	109	5	91	4	83	0	11	0	0	0	0	7
2039	2.23%	2	111	5	96	4	87	(1)	11	0	0	0	(1)	6
2040	0.00%	0	111	5	100	4	91	(2)	11	0	0	0	(2)	5
2041	0.00%	0	111	5	105	4	95	(2)	11	0	0	0	(2)	3
2042	0.00%	0	111	5	110	4	99	(2)	11	0	0	0	(2)	2
2043	0.00%	0	111	5	114	4	104	(2)	11	0	0	0	(2)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(3)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	11
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM/METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION	(5b)* ACCUMULATED DEF TAXES	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2019	3.75%	4	0	110	5	(3)	117	113	113
2020	7.22%	8	1	105	9	(1)	113	106	105
2021	5.69%	7	1	100	14	(0)	106	101	104
2022	5.18%	7	1	96	18	1	101	95	98
2023	5.71%	6	1	91	23	2	95	90	92
2024	5.29%	6	1	87	27	2	90	84	87
2025	4.89%	5	0	82	32	3	84	79	82
2026	4.52%	5	0	78	37	3	79	74	77
2027	4.16%	5	0	73	41	4	74	69	72
2028	4.46%	5	0	69	46	4	69	65	67
2029	4.46%	5	0	64	50	4	65	60	62
2030	4.46%	5	0	59	55	5	60	55	57
2031	4.46%	5	0	55	59	5	55	50	52
2032	4.46%	5	0	50	64	5	50	45	48
2033	4.46%	5	0	46	69	5	45	40	43
2034	4.46%	5	0	41	73	6	40	35	38
2035	4.46%	5	0	37	78	6	35	30	33
2036	4.46%	5	0	32	82	6	30	26	28
2037	4.46%	5	0	27	87	7	26	21	23
2038	4.46%	5	0	23	91	7	21	16	18
2039	2.23%	2	(1)	18	96	6	16	12	14
2040	0.00%	0	(2)	14	100	5	12	9	10
2041	0.00%	0	(2)	9	105	3	9	6	7
2042	0.00%	0	(2)	5	110	2	6	3	4
2043	0.00%	0	(2)	(0)	114	0	3	0	1

* Column not specified in workbook

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$('000)	\$('000)	\$('000)	\$('000)	\$('000)
2009	0	0	0	0	0
2010	0	0	2	0	2
2011	0	0	2	0	2
2012	0	0	2	0	2
2013	0	0	9	0	9
2014	0	0	10	0	10
2015	0	0	11	0	11
2016	0	0	14	0	14
2017	0	0	15	0	15
2018	0	0	17	0	17
2019	4	5	18	0	16
2020	6	8	20	0	18
2021	7	9	20	0	18
2022	8	10	23	0	20
2023	9	11	25	0	22
2024	10	13	28	0	25
2025	12	15	30	0	27
2026	13	17	32	0	29
2027	15	19	35	0	29
2028	16	21	36	0	31
2029	18	23	38	0	33
2030	20	26	41	0	35
2031	22	28	42	0	37
2032	24	31	45	0	38
2033	29	36	48	0	41
2034	32	40	51	0	42
2035	34	43	56	0	47
2036	37	47	60	0	51
2037	41	51	65	0	54
2038	44	56	70	0	58
2039	48	60	75	0	63
2040	51	65	76	0	63
2041	55	70	82	0	67
2042	55	70	88	0	74
2043	55	70	95	0	80
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	667	845	1,279	0	1,101
NPV	91	103	213	0	191

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18-Jul-13

1 INPUT DATA -- PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	33.05 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER	43.45612 kW
(3) KW LINE LOSS PERCENTAGE	7.22 %
(4) GENERATOR KVA REDUCTION PER CUSTOMER	140,404.74 kVA
(5) KVA LINE LOSS PERCENTAGE	5.76 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KVA INCREASE AT METER	0.00 kVA

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58273
(5) K FACTOR FOR T & D	1.56919

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	7.45 %
(11) UTILITY AFUDC RATE	6.50 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	774.44 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90 \$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	103.11 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.53 \$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	53% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.12 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	10.15 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

	(1) UTILITY PROGRAM COSTS WITHOUT INCENTIVES \$(000)	(2) UTILITY INCENTIVES \$(000)	(3) OTHER UTILITY COSTS \$(000)	(4) TOTAL UTILITY PROGRAM COSTS \$(000)	(5) ENERGY CHARGE REVENUE LOSSES \$(000)	(6) DEMAND CHARGE REVENUE LOSSES \$(000)	(7) PARTICIPANT EQUIPMENT COSTS \$(000)	(8) PARTICIPANT O&M COSTS \$(000)	(9) OTHER PARTICIPANT COSTS \$(000)	(10) TOTAL PARTICIPANT COSTS \$(000)
2013	0	7	0	7	3	2	56	0	0	56
2014	0	0	0	0	7	4	0	0	0	0
2015	0	0	0	0	7	4	0	0	0	0
2016	0	0	0	0	7	4	0	0	0	0
2017	0	0	0	0	8	4	0	0	0	0
2018	0	0	0	0	8	4	0	0	0	0
2019	0	7	0	7	9	5	65	0	0	65
2020	0	0	0	0	9	5	0	0	0	0
2021	0	0	0	0	9	5	0	0	0	0
2022	0	0	0	0	10	5	0	0	0	0
2023	0	0	0	0	10	5	0	0	0	0
2024	0	0	0	0	11	5	0	0	0	0
2025	0	7	0	7	11	5	76	0	0	76
2026	0	0	0	0	11	5	0	0	0	0
2027	0	0	0	0	12	5	0	0	0	0
2028	0	0	0	0	12	5	0	0	0	0
2029	0	0	0	0	12	5	0	0	0	0
2030	0	0	0	0	13	5	0	0	0	0
2031	0	7	0	7	13	5	88	0	0	88
2032	0	0	0	0	14	5	0	0	0	0
2033	0	0	0	0	15	5	0	0	0	0
2034	0	0	0	0	15	5	0	0	0	0
2035	0	0	0	0	16	5	0	0	0	0
2036	0	0	0	0	17	5	0	0	0	0
2037	0	7	0	7	18	5	102	0	0	102
2038	0	0	0	0	19	5	0	0	0	0
2039	0	0	0	0	19	5	0	0	0	0
2040	0	0	0	0	20	5	0	0	0	0
2041	0	0	0	0	21	5	0	0	0	0
2042	0	0	0	0	22	5	0	0	0	0
2043	1	7	0	7	23	5	118	0	0	118
2044	0	0	0	0	24	5	0	0	0	0
2045	0	0	0	0	25	5	0	0	0	0
2046	0	0	0	0	27	6	0	0	0	0
2047	0	0	0	0	28	6	0	0	0	0
2048	0	0	0	0	29	6	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	2	41	0	43	532	175	505	0	0	505
NPV	1	18	0	19	143	60	187	0	0	187

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

page 3

1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	42	1	0	3	2	1	0	1	0	7	7	41
2020	40	1	0	3	1	1	0	1	1	7	7	42
2021	38	1	0	2	1	1	0	1	1	6	20	43
2022	36	1	0	2	1	1	0	1	0	7	25	44
2023	35	1	0	2	1	1	0	1	0	6	30	46
2024	33	1	0	2	1	1	0	1	0	6	34	47
2025	31	1	0	2	1	1	0	1	0	6	38	48
2026	29	1	0	2	1	1	0	1	0	6	41	49
2027	28	1	0	2	1	1	0	1	0	5	44	50
2028	26	1	0	2	1	1	0	1	0	5	47	52
2029	25	0	0	2	1	0	0	1	0	5	49	53
2030	23	0	0	1	1	0	0	1	0	5	51	54
2031	22	0	0	1	1	0	0	1	0	5	53	56
2032	20	0	0	1	1	0	0	1	0	4	55	57
2033	18	0	0	1	1	0	0	1	0	4	56	58
2034	17	0	0	1	1	0	0	1	0	4	58	60
2035	15	0	0	1	0	0	0	1	0	4	59	61
2036	14	0	0	1	0	0	0	1	0	3	60	63
2037	12	0	0	1	0	0	0	1	0	3	61	64
2038	11	0	0	1	0	0	0	1	0	3	61	66
2039	9	0	0	1	1	0	0	1	(0)	3	62	68
2040	8	0	0	0	1	0	0	1	(1)	3	63	69
2041	7	0	0	0	1	0	0	1	(1)	2	63	71
2042	6	0	0	0	1	0	0	1	(1)	2	64	73
2043	5	0	0	0	1	0	0	1	(1)	2	64	75
2044	4	0	0	0	1	0	0	1	(1)	2	64	77
2045	3	0	0	0	1	0	0	1	(1)	2	65	78
2046	3	0	0	0	1	0	0	1	(1)	2	65	80
2047	2	0	0	0	1	0	0	1	(1)	2	65	82
2048	1	0	0	0	1	0	0	1	(1)	2	65	84

IN SERVICE COST (\$000)	41
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.4%
PROPERTY TAX	1.82%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	40%	4.79	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CPWFC / IN-SVC COST = 1.58273

page 4a

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX \$(12)-(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	2	2	1	1	1	1	0	2	0	0	0	0	(0)
2020	7.22%	3	4	1	3	1	3	1	2	0	0	0	1	0
2021	6.68%	3	7	1	4	1	4	1	2	0	0	0	1	1
2022	6.18%	2	10	1	6	1	5	0	2	0	0	0	0	1
2023	5.71%	2	12	1	7	1	7	0	2	0	0	0	0	2
2024	5.29%	2	14	1	8	1	8	0	2	0	0	0	0	2
2025	4.89%	2	16	1	10	1	9	0	2	0	0	0	0	2
2026	4.52%	2	18	1	11	1	10	0	2	0	0	0	0	2
2027	4.46%	2	20	1	12	1	12	0	2	0	0	0	0	3
2028	4.46%	2	22	1	14	1	13	0	2	0	0	0	0	3
2029	4.46%	2	23	1	15	1	14	0	2	0	0	0	0	3
2030	4.46%	2	25	1	17	1	16	0	2	0	0	0	0	3
2031	4.46%	2	27	1	18	1	17	0	2	0	0	0	0	3
2032	4.46%	2	29	1	19	1	18	0	2	0	0	0	0	4
2033	4.46%	2	31	1	21	1	20	0	2	0	0	0	0	4
2034	4.46%	2	32	1	22	1	21	0	2	0	0	0	0	4
2035	4.46%	2	34	1	23	1	22	0	2	0	0	0	0	4
2036	4.46%	2	36	1	25	1	23	0	2	0	0	0	0	4
2037	4.46%	2	38	1	26	1	25	0	2	0	0	0	0	4
2038	4.46%	2	40	1	28	1	26	0	2	0	0	0	0	5
2039	2.23%	1	40	1	29	1	27	(0)	2	0	0	0	(0)	5
2040	0.00%	0	40	1	30	1	29	(1)	2	0	0	0	(1)	4
2041	0.00%	0	40	1	32	1	30	(1)	2	0	0	0	(1)	4
2042	0.00%	0	40	1	33	1	31	(1)	2	0	0	0	(1)	3
2043	0.00%	0	40	1	34	1	33	(1)	2	0	0	0	(1)	3
2044	0.00%	0	40	1	36	1	34	(1)	2	0	0	0	(1)	2
2045	0.00%	0	40	1	37	1	35	(1)	2	0	0	0	(1)	2
2046	0.00%	0	40	1	39	1	37	(1)	2	0	0	0	(1)	1
2047	0.00%	0	40	1	40	1	38	(1)	2	0	0	0	(1)	1
2048	0.00%	0	40	1	41	1	39	(1)	2	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)						
2019	3.75%	2	0	40	1	(0)	42	40	41
2020	7.22%	3	1	39	3	0	40	38	39
2021	6.68%	3	1	37	4	1	38	36	37
2022	6.18%	2	0	36	6	1	35	35	36
2023	5.71%	2	0	34	7	2	35	33	34
2024	5.29%	2	0	33	8	2	33	31	32
2025	4.89%	2	0	32	10	2	31	29	30
2026	4.52%	2	0	30	11	2	29	28	29
2027	4.46%	2	0	29	12	3	28	26	27
2028	4.46%	2	0	28	14	3	25	25	26
2029	4.46%	2	0	26	15	3	25	23	24
2030	4.46%	2	0	25	17	3	23	22	22
2031	4.46%	2	0	23	18	3	22	20	21
2032	4.46%	2	0	22	19	4	20	18	19
2033	4.46%	2	0	21	21	4	18	17	18
2034	4.46%	2	0	19	22	4	17	15	16
2035	4.46%	2	0	18	23	4	15	14	15
2036	4.46%	2	0	17	25	4	14	12	13
2037	4.46%	2	0	15	26	4	12	11	11
2038	4.46%	2	0	14	28	5	11	9	10
2039	2.23%	1	(0)	12	29	5	9	8	8
2040	0.00%	0	(1)	11	30	4	8	7	7
2041	0.00%	0	(1)	10	32	4	7	6	7
2042	0.00%	0	(1)	8	33	3	6	5	6
2043	0.00%	0	(1)	7	34	3	5	4	5
2044	0.00%	0	(1)	6	36	2	4	3	4
2045	0.00%	0	(1)	4	37	2	3	3	3
2046	0.00%	0	(1)	3	39	1	3	2	2
2047	0.00%	0	(1)	1	40	1	2	1	1
2048	0.00%	0	(1)	0	41	0	1	0	0

* Column not specified in workbook

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1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED : REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2013	1	1	3.15	8.03	3.16	0.00	1.00	1.00
2014	1	1	3.52	7.47	3.53	0.00	1.00	1.00
2015	1	1	3.59	7.46	3.60	0.00	1.00	1.00
2016	1	1	4.65	10.78	4.67	0.00	1.00	1.00
2017	1	1	4.10	8.78	4.11	0.00	1.00	1.00
2018	1	1	4.70	14.25	4.71	0.00	1.00	1.00
2019	1	1	4.94	10.62	4.95	5.68	1.00	1.00
2020	1	1	5.44	13.60	5.45	5.40	1.00	1.00
2021	1	1	5.81	15.99	5.82	5.78	1.00	1.00
2022	1	1	5.84	12.06	5.85	5.89	1.00	1.00
2023	1	1	6.14	13.03	6.15	6.24	1.00	1.00
2024	1	1	6.47	15.49	6.48	6.56	1.00	1.00
2025	1	1	6.60	13.82	6.61	6.69	1.00	1.00
2026	1	1	6.84	15.93	6.86	6.86	1.00	1.00
2027	1	1	7.02	16.41	7.03	7.05	1.00	1.00
2028	1	1	7.00	14.90	7.02	7.06	1.00	1.00
2029	1	1	7.10	14.65	7.12	7.18	1.00	1.00
2030	1	1	7.20	14.63	7.22	7.24	1.00	1.00
2031	1	1	7.37	14.77	7.39	7.49	1.00	1.00
2032	1	1	7.58	14.56	7.59	7.65	1.00	1.00
2033	1	1	7.87	15.93	7.89	7.99	1.00	1.00
2034	1	1	8.03	15.67	8.05	8.30	1.00	1.00
2035	1	1	8.24	15.63	8.25	8.52	1.00	1.00
2036	1	1	8.46	14.40	8.47	8.66	1.00	1.00
2037	1	1	8.72	15.98	8.74	9.08	1.00	1.00
2038	1	1	9.03	16.16	9.04	9.48	1.00	1.00
2039	1	1	9.29	15.97	9.30	9.89	1.00	1.00
2040	1	1	9.53	15.90	9.54	10.24	1.00	1.00
2041	1	1	9.82	15.77	9.83	10.60	1.00	1.00
2042	1	1	10.18	15.99	10.19	11.04	1.00	1.00
2043	1	1	10.53	16.79	10.54	11.48	1.00	1.00
2044	1	1	10.87	17.01	10.88	11.90	1.00	1.00
2045	1	1	11.33	19.14	11.34	12.44	1.00	1.00
2046	1	1	11.74	19.38	11.75	12.96	1.00	1.00
2047	1	1	12.13	19.85	12.14	13.40	1.00	1.00
2048	1	1	12.55	20.13	12.57	14.01	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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1      AVOIDED GENERATING BENEFITS
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ██████████

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(1)	(2) AVOIDED GEN UNIT CAPACITY COST	(3) AVOIDED GEN UNIT FIXED O&M	(4) AVOIDED GEN UNIT VARIABLE O&M	(5) AVOIDED GEN UNIT FUEL COST	(6) REPLACEMENT FUEL COST	(7) AVOIDED GEN UNIT BENEFITS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	7	5	0	8	10	11
2020	7	5	0	15	18	10
2021	7	5	0	16	19	9
2022	7	6	0	17	20	9
2023	6	6	0	18	21	9
2024	6	6	0	19	22	9
2025	6	6	0	20	23	9
2026	6	6	0	20	23	9
2027	5	6	0	21	24	9
2028	5	6	0	22	24	10
2029	5	7	0	23	24	10
2030	5	7	0	23	25	10
2031	5	7	0	24	26	10
2032	4	7	0	25	26	11
2033	4	7	0	26	27	11
2034	4	8	0	27	28	11
2035	4	8	0	28	29	11
2036	3	8	0	29	30	11
2037	3	8	0	30	31	11
2038	3	8	0	32	32	11
2039	3	9	0	33	34	11
2040	3	9	0	34	35	11
2041	2	9	0	35	36	11
2042	2	9	0	37	38	11
2043	2	9	0	38	39	11
2044	2	10	0	40	41	11
2045	2	10	0	41	43	11
2046	2	10	0	43	44	11
2047	2	10	0	44	46	11
2048	2	11	0	46	48	11
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	123	228	10	835	887	309
NPV	42	56	2	186	204	83

1 AVOIDED GENERATING EMISSION IMPACT
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	REPLACEMENT EMISSION COST \$(000)	PROGRAM EMISSION BENEFIT \$(000)	OFF-PEAK EMISSION PAYBACK COST \$(000)	NET EMISSION BENEFIT \$(000)
YEAR					
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	1	1	1	0	0
2024	1	2	1	0	0
2025	1	2	1	0	0
2026	2	2	1	0	0
2027	2	2	1	0	0
2028	2	3	1	0	1
2029	2	3	1	0	1
2030	3	4	2	0	1
2031	3	4	2	0	1
2032	4	5	2	0	1
2033	4	5	2	0	1
2034	4	6	2	0	1
2035	5	6	3	0	1
2036	6	7	3	0	1
2037	6	8	3	0	1
2038	7	9	4	0	2
2039	8	10	4	0	2
2040	8	11	4	0	2
2041	9	12	5	0	2
2042	10	13	5	0	2
2043	11	14	6	0	3
2044	12	16	7	0	3
2045	13	17	7	0	3
2046	14	19	8	0	3
2047	16	20	8	0	4
2048	17	22	9	0	4
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
NOM	171	224	93	0	40
NPV	26	34	15	0	6

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Discount Rate:
Benefit/Cost Ratio (Col(11) / Col(6)) :

249 %

1.92

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	SAVINGS IN PARTICIPANTS BELLS	TAX CREDITS	UTILITY REBATES	OTHER BENEFITS	TOTAL BENEFITS	CUSTOMER EQUIPMENT COSTS	CUSTOMER O&M COSTS	OTHER COSTS	TOTAL COSTS	NET BENEFITS	CUMULATIVE DISCOUNTED NET BENEFITS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2013	6	0	7	0	13	56	0	0	56	(43)	(43)
2014	13	0	0	0	13	0	0	0	0	13	(32)
2015	13	0	0	0	13	0	0	0	0	13	(20)
2016	13	0	0	0	13	0	0	0	0	13	(10)
2017	13	0	0	0	13	0	0	0	0	13	(0)
2018	14	0	0	0	14	0	0	0	0	14	10
2019	15	0	7	0	22	65	0	0	65	(43)	(19)
2020	16	0	0	0	16	0	0	0	0	16	(9)
2021	16	0	0	0	16	0	0	0	0	16	0
2022	17	0	0	0	17	0	0	0	0	17	9
2023	17	0	0	0	17	0	0	0	0	17	18
2024	18	0	0	0	18	0	0	0	0	18	26
2025	18	0	7	0	25	76	0	0	76	(51)	4
2026	18	0	0	0	18	0	0	0	0	18	11
2027	19	0	0	0	19	0	0	0	0	19	18
2028	19	0	0	0	19	0	0	0	0	19	24
2029	19	0	0	0	19	0	0	0	0	19	30
2030	20	0	0	0	20	0	0	0	0	20	36
2031	20	0	7	0	27	88	0	0	88	(61)	20
2032	21	0	0	0	21	0	0	0	0	21	25
2033	23	0	0	0	23	0	0	0	0	23	31
2034	23	0	0	0	23	0	0	0	0	23	36
2035	24	0	0	0	24	0	0	0	0	24	41
2036	26	0	0	0	26	0	0	0	0	26	46
2037	27	0	7	0	33	102	0	0	102	(68)	33
2038	27	0	0	0	27	0	0	0	0	27	38
2039	28	0	0	0	28	0	0	0	0	28	42
2040	29	0	0	0	29	0	0	0	0	29	47
2041	30	0	0	0	30	0	0	0	0	30	51
2042	32	0	0	0	32	0	0	0	0	32	55
2043	33	0	7	0	40	118	0	0	118	(78)	46
2044	34	0	0	0	34	0	0	0	0	34	49
2045	36	0	0	0	36	0	0	0	0	36	53
2046	38	0	0	0	38	0	0	0	0	38	56
2047	39	0	0	0	39	0	0	0	0	39	60
2048	41	0	0	0	41	0	0	0	0	41	63
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
NOM	816	0	41	0	857	505	0	0	505	352	
NPV	232	0	18	0	250	187	0	0	187	63	

2019	
7.45	%
1.34	

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Benefit/Cost Ratio (Col(12) / Col(7)) :

7.45	%
1.63	

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12-Sep-13

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	299.04 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	199.21289 KW
(3) KW LINE LOSS PERCENTAGE	7.22 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	1,189,861.29 KWH
(5) KWH LINE LOSS PERCENTAGE	5.76 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 KWH

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	36 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58273
(5) K FACTOR FOR T & D	1.56919

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.45 %
* (11) UTILITY AFUDC RATE	6.50 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	774.44 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90 \$/KW
(6) BASE YEAR DISTRIBUTION COST	24.85 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	103.11 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.53 \$/KW
(11) DISTRIBUTION FIXED O & M COST	2.34 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	53% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.12 CENTS PER KWH** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	10.15 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/KWH
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

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1      *INPUT DATA - PART 1 CONTINUED
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ████████████████████

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* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RDM TESTS

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RDM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	378	7	0	24	15	7	0	12	1	66	66	374
2020	365	7	0	23	9	6	0	12	6	64	59	383
2021	347	7	0	22	9	6	0	12	5	61	53	392
2022	330	6	0	21	9	6	0	12	4	59	48	402
2023	313	6	0	20	9	6	0	12	4	57	43	412
2024	297	6	0	19	9	5	0	12	3	55	38	423
2025	282	5	0	18	9	5	0	12	2	52	34	433
2026	267	5	0	17	9	5	0	12	2	50	31	444
2027	253	5	0	16	9	5	0	12	2	48	27	455
2028	238	5	0	15	8	5	0	12	2	47	24	467
2029	224	4	0	14	7	4	0	12	2	45	22	478
2030	210	4	0	13	7	4	0	12	2	43	19	490
2031	196	4	0	12	6	4	0	12	2	41	17	502
2032	182	4	0	11	6	4	0	12	2	39	15	513
2033	167	3	0	10	5	3	0	12	2	37	13	528
2034	153	3	0	10	5	3	0	12	2	35	12	541
2035	139	3	0	9	4	3	0	12	2	33	10	555
2036	125	2	0	8	4	3	0	12	2	31	9	568
2037	111	2	0	7	3	2	0	12	2	29	8	583
2038	96	2	0	6	2	2	0	12	2	27	7	597
2039	82	2	0	5	2	2	0	12	(1)	25	6	612
2040	71	1	0	4	2	2	0	12	(5)	24	5	627
2041	63	1	0	4	2	2	0	12	(5)	22	5	643
2042	55	1	0	3	2	1	0	12	(5)	21	4	659
2043	47	1	0	3	2	1	0	12	(5)	20	4	676
2044	40	1	0	2	2	1	0	12	(5)	19	3	693
2045	32	1	0	2	2	1	0	12	(5)	18	3	710
2046	24	0	0	1	2	0	0	12	(5)	17	2	728
2047	16	0	0	1	2	0	0	12	(5)	15	2	746
2048	8	0	0	0	2	0	0	12	(5)	14	2	765

IN SERVICE COST	\$(000)	374
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.57%
DISCOUNT RATE		7.4%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	%
DEBT	40%	4.79	%
P/S	0%	0.00	%
C/S	60%	10.50	%

K-FACTOR = CFWFC / IN-SVC COST = 1.58273

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2010	3.75%	14	14	12	12	12	12	1	20	0	0	0	1	(4)
2020	7.22%	26	40	12	25	12	24	6	20	0	0	0	6	2
2021	6.68%	24	65	12	37	12	35	5	20	0	0	0	5	7
2022	6.18%	23	87	12	50	12	47	4	20	0	0	0	4	11
2023	5.71%	21	108	12	62	12	59	4	20	0	0	0	4	14
2024	5.29%	19	127	12	75	12	71	3	20	0	0	0	3	17
2025	4.89%	18	145	12	87	12	83	2	20	0	0	0	2	20
2026	4.52%	17	162	12	100	12	94	2	20	0	0	0	2	21
2027	4.46%	16	178	12	112	12	106	2	20	0	0	0	2	23
2028	4.46%	16	195	12	125	12	118	2	20	0	0	0	2	25
2029	4.46%	16	211	12	137	12	130	2	20	0	0	0	2	27
2030	4.46%	16	227	12	149	12	142	2	20	0	0	0	2	28
2031	4.46%	16	244	12	162	12	155	2	20	0	0	0	2	30
2032	4.46%	16	260	12	174	12	165	2	20	0	0	0	2	32
2033	4.46%	16	276	12	187	12	177	2	20	0	0	0	2	34
2034	4.46%	16	293	12	199	12	189	2	20	0	0	0	2	35
2035	4.46%	16	309	12	212	12	201	2	20	0	0	0	2	37
2036	4.46%	16	325	12	224	12	212	2	20	0	0	0	2	39
2037	4.46%	16	342	12	237	12	224	2	20	0	0	0	2	41
2038	4.46%	16	358	12	249	12	236	2	20	0	0	0	2	42
2039	2.23%	8	366	12	262	12	248	(1)	20	0	0	0	(1)	41
2040	0.00%	0	366	12	274	12	259	(5)	20	0	0	0	(5)	36
2041	0.00%	0	366	12	286	12	271	(5)	20	0	0	0	(5)	32
2042	0.00%	0	366	12	299	12	283	(5)	20	0	0	0	(5)	27
2043	0.00%	0	366	12	311	12	295	(5)	20	0	0	0	(5)	23
2044	0.00%	0	366	12	324	12	307	(5)	20	0	0	0	(5)	18
2045	0.00%	0	366	12	336	12	318	(5)	20	0	0	0	(5)	14
2046	0.00%	0	366	12	349	12	330	(5)	20	0	0	0	(5)	9
2047	0.00%	0	366	12	361	12	342	(5)	20	0	0	0	(5)	5
2048	0.00%	0	366	12	374	12	354	(5)	20	0	0	0	(5)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE/ COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(5)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	20
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_RBO
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION	(5b)* ACCUMULATED DEF TAXES	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2019	3.75%	14	1	361	12	(4)	378	365	372
2020	7.22%	26	6	349	25	2	365	347	356
2021	6.58%	24	5	336	37	7	347	330	338
2022	6.18%	23	4	324	50	11	330	313	321
2023	5.71%	21	4	311	62	14	313	297	305
2024	5.29%	19	3	299	75	17	297	282	289
2025	4.89%	18	2	286	87	20	282	267	274
2026	4.52%	17	2	274	100	21	267	253	260
2027	4.10%	16	2	262	112	23	253	238	245
2028	4.60%	16	2	249	125	25	238	224	231
2029	4.46%	16	2	237	137	27	224	210	217
2030	4.46%	16	2	224	148	28	210	196	203
2031	4.46%	16	2	212	162	30	196	182	189
2032	4.46%	16	2	199	174	32	182	167	174
2033	4.46%	16	2	187	187	34	167	153	160
2034	4.46%	16	2	174	199	35	153	139	146
2035	4.46%	16	2	162	212	37	139	125	132
2036	4.46%	16	2	149	224	39	125	111	118
2037	4.46%	16	2	137	237	41	111	96	103
2038	4.46%	16	2	125	249	42	96	82	89
2039	2.23%	8	(1)	112	262	41	82	71	77
2040	0.00%	0	(5)	100	274	36	71	63	67
2041	0.00%	0	(5)	87	286	32	63	55	59
2042	0.00%	0	(5)	75	299	27	55	47	51
2043	0.00%	0	(5)	62	311	23	47	40	43
2044	0.00%	0	(5)	50	324	18	40	32	36
2045	0.00%	0	(5)	37	336	14	32	24	28
2046	0.00%	0	(5)	25	349	9	24	16	20
2047	0.00%	0	(5)	12	361	5	16	8	12
2048	0.00%	0	(5)	0	374	0	8	0	4

* Column not specified in workbook

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1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED : REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/KWH)	AVOIDED MARGINAL FUEL COST (C/KWH)	INCREASED MARGINAL FUEL COST (C/KWH)	REPLACEMENT FUEL COST (C/KWH)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KW EFFECTIVENESS FACTOR
2013	1	1	3.15	9.71	3.15	0.00	1.00	1.00
2014	1	1	3.52	7.72	3.52	0.00	1.00	1.00
2015	1	1	3.59	7.72	3.59	0.00	1.00	1.00
2016	1	1	4.65	11.27	4.65	0.00	1.00	1.00
2017	1	1	4.10	9.69	4.10	0.00	1.00	1.00
2018	1	1	4.70	19.27	4.70	0.00	1.00	1.00
2019	1	1	4.94	11.56	4.94	5.08	1.00	1.00
2020	1	1	5.44	16.97	5.44	5.40	1.00	1.00
2021	1	1	5.81	21.20	5.81	5.78	1.00	1.00
2022	1	1	5.84	12.95	5.84	5.89	1.00	1.00
2023	1	1	6.14	14.42	6.14	6.24	1.00	1.00
2024	1	1	6.47	18.53	6.47	6.56	1.00	1.00
2025	1	1	6.60	14.73	6.60	6.69	1.00	1.00
2026	1	1	6.84	18.48	6.84	6.86	1.00	1.00
2027	1	1	7.02	19.05	7.02	7.05	1.00	1.00
2028	1	1	7.00	16.05	7.00	7.06	1.00	1.00
2029	1	1	7.10	15.53	7.10	7.18	1.00	1.00
2030	1	1	7.20	15.86	7.20	7.24	1.00	1.00
2031	1	1	7.37	16.17	7.37	7.49	1.00	1.00
2032	1	1	7.58	16.52	7.58	7.65	1.00	1.00
2033	1	1	7.87	17.54	7.87	7.99	1.00	1.00
2034	1	1	8.03	17.54	8.03	8.30	1.00	1.00
2035	1	1	8.24	18.42	8.24	8.52	1.00	1.00
2036	1	1	8.46	17.22	8.46	8.66	1.00	1.00
2037	1	1	8.72	18.62	8.72	9.08	1.00	1.00
2038	1	1	9.03	19.10	9.03	9.48	1.00	1.00
2039	1	1	9.29	19.27	9.29	9.89	1.00	1.00
2040	1	1	9.53	18.86	9.53	10.24	1.00	1.00
2041	1	1	9.82	18.31	9.82	10.60	1.00	1.00
2042	1	1	10.18	18.43	10.18	11.04	1.00	1.00
2043	1	1	10.53	19.31	10.53	11.48	1.00	1.00
2044	1	1	10.87	19.67	10.87	11.90	1.00	1.00
2045	1	1	11.33	22.83	11.33	12.44	1.00	1.00
2046	1	1	11.74	23.03	11.74	12.96	1.00	1.00
2047	1	1	12.13	23.41	12.13	13.40	1.00	1.00
2048	1	1	12.55	23.46	12.55	14.01	1.00	1.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	66	47	1	75	92	96
2020	64	48	2	140	166	87
2021	61	49	2	146	175	84
2022	59	51	2	152	179	85
2023	57	52	2	164	190	86
2024	55	53	2	170	197	83
2025	52	55	2	180	206	83
2026	50	56	2	185	212	82
2027	48	57	3	191	216	83
2028	47	59	3	198	218	83
2029	45	60	3	204	221	90
2030	43	62	3	209	224	93
2031	41	63	3	219	231	95
2032	39	65	3	227	237	96
2033	37	66	3	237	248	96
2034	35	68	3	246	257	95
2035	33	70	3	255	263	96
2036	31	72	3	264	269	101
2037	29	73	3	275	281	100
2038	27	75	3	286	293	98
2039	25	77	3	297	306	97
2040	24	79	4	308	317	98
2041	22	81	4	318	328	97
2042	21	83	4	333	342	99
2043	20	85	4	344	355	98
2044	19	87	4	359	368	101
2045	18	89	4	373	385	99
2046	17	92	4	387	401	98
2047	15	94	4	399	415	96
2048	14	96	4	417	434	96
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	1,113	2,064	91	7,557	8,027	2,798
NPV	384	502	22	1,687	1,846	749

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	REPLACEMENT EMISSION COST \$(000)	PROGRAM EMISSION BENEFIT \$(000)	OFF-PEAK EMISSION PAYBACK COST \$(000)	NET EMISSION BENEFIT \$(000)
YEAR					
2013	0	0	0	0	0
2014	0	0	1	0	1
2015	0	0	1	0	1
2016	0	0	1	0	1
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	10	13	5	0	2
2024	11	15	6	0	3
2025	13	17	7	0	3
2026	15	20	8	0	3
2027	17	22	9	0	4
2028	19	25	10	0	4
2029	22	29	11	0	5
2030	25	33	13	0	5
2031	28	37	15	0	6
2032	32	42	16	0	7
2033	36	47	19	0	8
2034	40	53	21	0	8
2035	45	59	23	0	9
2036	50	66	26	0	10
2037	56	73	29	0	11
2038	62	81	31	0	12
2039	68	89	35	0	14
2040	75	99	38	0	15
2041	83	108	42	0	16
2042	91	119	46	0	18
2043	100	131	51	0	20
2044	109	143	55	0	22
2045	119	156	61	0	24
2046	130	170	66	0	26
2047	141	185	72	0	28
2048	153	201	77	0	30
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
NOM	1,549	2,030	797	0	316
NPV	236	310	126	0	52

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1      TOTAL RESOURCE COST TEST
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ████████████████████

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Benefit/Cost Ratio (Col(11) / Col(6)) :

7.45 %

498

1 PARTICIPANT COSTS AND BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

In Service of Gen Unit:
Discount Rate :
Benefit/Cost Ratio (Col(5) / Col(10))

2019	
7.45	%
3.05	

```

1      RATE IMPACT TEST
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ████████████████████

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Benefit/Cost Ratio (Col(12) / Col(7)) :

7.45	%
1.85	

page 1
16-Aug-13

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	55.16 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	71.51811 KW
(3) KW LINE LOSS PERCENTAGE	7.22 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	275,069.10 kWh
(5) kWh LINE LOSS PERCENTAGE	5.76 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	35 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58273
(5) K FACTOR FOR T & D	1.56919

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
* (9) SUPPLY COSTS ESCALATION RATES	*** %**
* (10) UTILITY DISCOUNT RATE	7.45 %
* (11) UTILITY AFUDC RATE	6.50 %
* (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)

*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2013
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2016-2019
(4) BASE YEAR AVOIDED GENERATING COST	774.44 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	146.90 \$/kW
(6) BASE YEAR DISTRIBUTION COST	24.85 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	103.11 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	3.53 \$/kW
(11) DISTRIBUTION FIXED O & M COST	2.34 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.058 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	53% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	4.12 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	10.15 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/kWh
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/kW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

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1      * INPUT DATA - PART 1 CONTINUED
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ██████████

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NOM	18	68	0	86	1,043	292	915	0	0	915
NPV	7	30	0	37	280	100	338	0	0	338

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

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1 CALCULATION OF GEN K-FACTOR
2 PROGRAM METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	BEG-YEAR RATH BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPREC. \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2019	70	1	0	4	3	1	0	2	0	12	12	12	69
2020	67	1	0	4	2	1	0	2	1	12	11	23	71
2021	64	1	0	4	2	1	0	2	1	11	10	33	72
2022	61	1	0	4	2	1	0	2	1	11	9	42	74
2023	58	1	0	4	2	1	0	2	1	10	8	49	76
2024	55	1	0	3	2	1	0	2	1	10	7	56	78
2025	52	1	0	3	2	1	0	2	0	10	6	63	80
2026	49	1	0	3	2	1	0	2	0	9	6	68	82
2027	47	1	0	3	2	1	0	2	0	9	5	73	84
2028	44	1	0	3	1	1	0	2	0	9	4	78	86
2029	41	1	0	3	1	1	0	2	0	8	4	82	88
2030	39	1	0	2	1	1	0	2	0	8	4	85	90
2031	36	1	0	2	1	1	0	2	0	8	3	89	93
2032	33	1	0	2	1	1	0	2	0	7	3	91	95
2033	31	1	0	2	1	1	0	2	0	7	2	94	97
2034	28	1	0	2	1	1	0	2	0	6	2	96	100
2035	26	0	0	2	1	1	0	2	0	6	2	98	102
2036	23	0	0	1	1	1	0	2	0	6	2	100	105
2037	20	0	0	1	1	0	0	3	0	5	1	101	107
2038	18	0	0	1	0	0	0	2	0	5	1	102	110
2039	15	0	0	1	1	0	0	2	(3)	5	1	104	113
2040	13	0	0	1	1	0	0	2	(1)	4	1	105	116
2041	12	0	0	1	1	0	0	2	(1)	4	1	105	119
2042	10	0	0	1	1	0	0	2	(1)	4	1	106	122
2043	9	0	0	1	1	0	0	2	(1)	4	1	107	125
2044	7	0	0	0	1	0	0	2	(1)	3	1	107	128
2045	6	0	0	0	1	0	0	2	(1)	3	1	108	131
2046	4	0	0	0	1	0	0	2	(1)	3	0	108	134
2047	3	0	0	0	1	0	0	2	(1)	3	0	109	138
2048	1	0	0	0	1	0	0	2	(1)	3	0	109	141

IN SERVICE COST	\$(000)	69
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.57%
DISCOUNT RATE		7.4%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.55%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	40%	4.79
P/S	0%	0.50
C/S	60%	10.50

K-FACTOR = CPWFC / IN-SVC COST = 1.58273

page 4n

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.75%	3	3	2	2	2	2	0	4	0	0	0	0	(1)
2020	7.22%	5	7	2	5	2	4	1	4	0	0	0	1	0
2021	6.68%	5	12	2	7	2	7	1	4	0	0	0	1	1
2022	6.18%	4	16	2	9	2	9	1	4	0	0	0	1	2
2023	5.71%	4	20	2	11	2	11	1	4	0	0	0	1	3
2024	5.29%	4	24	2	14	2	14	1	4	0	0	0	1	3
2025	4.89%	3	27	2	16	2	15	0	4	0	0	0	0	4
2026	4.52%	3	30	2	18	2	17	0	4	0	0	0	0	4
2027	4.46%	3	33	2	21	2	20	0	4	0	0	0	0	4
2028	4.46%	3	36	2	23	2	22	0	4	0	0	0	0	5
2029	4.46%	3	39	2	25	2	24	0	4	0	0	0	0	5
2030	4.46%	3	42	2	28	2	26	0	4	0	0	0	0	5
2031	4.46%	3	45	2	30	2	28	0	4	0	0	0	0	6
2032	4.46%	3	48	2	32	2	30	0	4	0	0	0	0	6
2033	4.46%	3	51	2	34	2	33	0	4	0	0	0	0	6
2034	4.46%	3	54	2	37	2	35	0	4	0	0	0	0	7
2035	4.46%	3	57	2	39	2	37	0	4	0	0	0	0	7
2036	4.46%	3	60	2	41	2	39	0	4	0	0	0	0	7
2037	4.46%	3	63	2	44	2	41	0	4	0	0	0	0	7
2038	4.46%	3	66	2	46	2	44	0	4	0	0	0	0	8
2039	2.23%	2	68	2	48	2	46	(0)	4	0	0	0	(0)	8
2040	0.00%	0	68	2	51	2	48	(1)	4	0	0	0	(1)	7
2041	0.00%	0	68	2	53	2	50	(1)	4	0	0	0	(1)	6
2042	0.00%	0	68	2	55	2	52	(1)	4	0	0	0	(1)	5
2043	0.00%	0	68	2	57	2	54	(1)	4	0	0	0	(1)	4
2044	0.00%	0	68	2	60	2	57	(1)	4	0	0	0	(1)	3
2045	0.00%	0	68	2	62	2	59	(1)	4	0	0	0	(1)	3
2046	0.00%	0	68	2	64	2	61	(1)	4	0	0	0	(1)	2
2047	0.00%	0	68	2	67	2	63	(1)	4	0	0	0	(1)	1
2048	0.00%	0	68	2	69	2	65	(1)	4	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	4
BOOK DEPR. RATE - 1/USEFUL LIFE	3.33%

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2019	3.75%	3	0	67	2	(1)	70	67	69
2020	7.22%	5	1	64	5	0	67	64	66
2021	6.68%	5	1	62	7	1	64	61	62
2022	6.18%	4	1	60	9	2	61	58	59
2023	5.71%	4	1	57	11	3	58	55	56
2024	5.29%	4	1	55	14	3	55	52	53
2025	4.89%	3	0	53	16	4	52	49	51
2026	4.52%	3	0	51	18	4	49	47	48
2027	4.46%	3	0	48	21	4	47	44	45
2028	4.46%	3	0	46	23	5	44	41	43
2029	4.46%	3	0	44	25	5	41	39	40
2030	4.46%	3	0	41	28	5	39	36	37
2031	4.46%	3	0	39	30	6	36	33	35
2032	4.46%	3	0	37	32	6	33	31	32
2033	4.46%	3	0	34	34	6	31	28	30
2034	4.46%	3	0	32	37	7	28	26	27
2035	4.46%	3	0	30	39	7	26	23	24
2036	4.46%	3	0	28	41	7	23	20	22
2037	4.46%	3	0	25	44	7	20	18	19
2038	4.46%	3	0	23	46	8	18	15	16
2039	2.23%	2	(0)	21	48	8	15	13	14
2040	0.00%	0	(1)	18	51	7	13	12	12
2041	0.00%	0	(1)	16	53	6	12	10	11
2042	0.00%	0	(1)	14	55	5	10	9	9
2043	0.00%	0	(1)	11	57	4	9	7	8
2044	0.00%	0	(1)	9	60	3	7	6	7
2045	0.00%	0	(1)	7	62	3	6	4	5
2046	0.00%	0	(1)	5	64	2	4	3	4
2047	0.00%	0	(1)	2	67	1	3	1	2
2048	0.00%	0	(1)	0	69	0	1	0	1

* Column not specified in workbook

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1 INPUT DATA -- PART 1
2 PROGRAM METHOD SELECTED : REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/KWh)	AVOIDED MARGINAL FUEL COST (C/KWh)	INCREASED MARGINAL FUEL COST (C/KWh)	REPLACEMENT FUEL COST (C/KWh)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KW EFFECTIVENESS FACTOR
2013	1	1	3.15	9.71	3.15	0.00	1.00	1.00
2014	1	1	3.52	7.72	3.52	0.00	1.00	1.00
2015	1	1	3.59	7.72	3.59	0.00	1.00	1.00
2016	1	1	4.65	11.27	4.65	0.00	1.00	1.00
2017	1	1	4.10	9.69	4.10	0.00	1.00	1.00
2018	1	1	4.70	19.27	4.70	0.00	1.00	1.00
2019	1	1	4.94	11.56	4.94	5.08	1.00	1.00
2020	1	1	5.44	16.97	5.44	5.40	1.00	1.00
2021	1	1	5.81	21.20	5.81	5.78	1.00	1.00
2022	1	1	5.84	12.95	5.84	5.89	1.00	1.00
2023	1	1	6.14	14.42	6.14	6.24	1.00	1.00
2024	1	1	6.47	18.53	6.47	6.56	1.00	1.00
2025	1	1	6.60	14.73	6.60	6.69	1.00	1.00
2026	1	1	6.84	18.48	6.84	6.86	1.00	1.00
2027	1	1	7.02	19.05	7.02	7.05	1.00	1.00
2028	1	1	7.00	16.05	7.00	7.06	1.00	1.00
2029	1	1	7.10	15.53	7.10	7.18	1.00	1.00
2030	1	1	7.20	15.86	7.20	7.24	1.00	1.00
2031	1	1	7.37	16.17	7.37	7.49	1.00	1.00
2032	1	1	7.58	16.52	7.58	7.65	1.00	1.00
2033	1	1	7.87	17.54	7.87	7.99	1.00	1.00
2034	1	1	8.03	17.54	8.03	8.30	1.00	1.00
2035	1	1	8.24	18.42	8.24	8.52	1.00	1.00
2036	1	1	8.46	17.22	8.46	8.66	1.00	1.00
2037	1	1	8.72	18.62	8.72	9.08	1.00	1.00
2038	1	1	9.03	19.10	9.03	9.48	1.00	1.00
2039	1	1	9.29	19.27	9.29	9.89	1.00	1.00
2040	1	1	9.53	18.86	9.53	10.24	1.00	1.00
2041	1	1	9.82	18.31	9.82	10.60	1.00	1.00
2042	1	1	10.18	18.43	10.18	11.04	1.00	1.00
2043	1	1	10.53	19.31	10.53	11.48	1.00	1.00
2044	1	1	10.87	19.67	10.87	11.90	1.00	1.00
2045	1	1	11.33	22.83	11.33	12.44	1.00	1.00
2046	1	1	11.74	23.03	11.74	12.96	1.00	1.00
2047	1	1	12.13	23.41	12.13	13.40	1.00	1.00
2048	1	1	12.55	23.46	12.55	14.01	1.00	1.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	12	9	0	14	17	18
2020	12	9	0	26	31	16
2021	11	9	0	27	32	15
2022	11	9	0	28	33	16
2023	10	10	0	30	35	16
2024	10	10	0	31	36	15
2025	10	10	0	33	38	15
2026	9	10	0	34	39	15
2027	9	11	0	35	40	15
2028	9	11	0	36	40	16
2029	8	11	0	38	41	17
2030	8	11	1	39	41	17
2031	8	12	1	40	43	17
2032	7	12	1	42	44	18
2033	7	12	1	44	46	18
2034	6	13	1	45	47	18
2035	6	13	1	47	49	18
2036	6	13	1	49	50	19
2037	5	14	1	51	52	18
2038	5	14	1	53	54	18
2039	5	14	1	55	56	18
2040	4	15	1	57	58	18
2041	4	15	1	59	60	18
2042	4	15	1	61	63	18
2043	4	16	1	63	66	18
2044	3	16	1	66	68	19
2045	3	16	1	69	71	18
2046	3	17	1	71	74	18
2047	3	17	1	74	76	18
2048	3	18	1	77	80	18
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
NOM	205	381	17	1,594	1,481	516
NPV	71	93	4	311	341	138

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

1 AVOIDED GENERATING EMISSION IMPACT
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)
YEAR	AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	REPLACEMENT EMISSION COST \$(000)	PROGRAM EMISSION BENEFIT \$(000)	OFF-PEAK EMISSION PAYBACK COST \$(000)	NET EMISSION BENEFIT \$(000)
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	0	0	0
2019	0	0	0	0	0
2020	0	0	0	0	0
2021	0	0	0	0	0
2022	0	0	0	0	0
2023	2	2	1	0	1
2024	2	3	1	0	1
2025	2	3	2	0	1
2026	3	4	2	0	1
2027	3	4	2	0	1
2028	4	5	2	0	1
2029	4	5	3	0	1
2030	5	6	3	0	2
2031	5	7	3	0	2
2032	6	8	4	0	2
2033	7	9	4	0	2
2034	7	10	5	0	2
2035	8	11	5	0	3
2036	9	12	6	0	3
2037	10	13	7	0	3
2038	11	15	7	0	4
2039	13	16	8	0	4
2040	14	18	9	0	5
2041	15	20	10	0	5
2042	17	22	11	0	5
2043	18	24	12	0	6
2044	20	26	13	0	7
2045	22	29	14	0	7
2046	24	31	15	0	8
2047	26	34	17	0	9
2048	28	37	18	0	9
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	286	374	184	0	96
NPV	44	57	29	0	16

```

1      TOTAL RESOURCE COST TEST
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ██████████

```

Discount Rate:
Benefit/Cost Ratio (C6)(11) / C6(6) :

7.45	%
2.31	

1 PARTICIPANT COSTS AND BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

In Service of Gen Unit:
Discount Rate :
Benefit/Cost Ratio (Col(6) / Col(10))

2019	
7.45	%
1.38	

```

1          RATE IMPACT TEST
2    PROGRAM METHOD SELECTED: REV_REQ
3    PROGRAM NAME: ████████████████████

```

Discount Rate	7.45	%
Benefit/Cost Ratio (Col(12) / Col(7)) :	1.83	

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11-Oct-11

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	154.50 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	206.70080 KW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	\$38,910.14 KWh
(5) KWH LINE LOSS PERCENTAGE	6.73 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.00 KWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	39 YEARS
(2) GENERATOR ECONOMIC LIFE	30 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.58562
(5) K FACTOR FOR T & D	1.44890

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	7.29 %
(11) UTILITY AFUDC RATE	6.69 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2011
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2020
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2014-2020
(4) BASE YEAR AVOIDED GENERATING COST	799.86 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST	0.00 \$/KW
(7) GEN. TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	100.77 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	0.00 \$/KW
(11) DISTRIBUTION FIXED O & M COST	0.00 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.056 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	50% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	5.64 CENTS PER KWH** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	\$.71 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON FUEL COST IN CUSTOMER BILL	*** CENTS/KWH
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/KW/MO
(4) DEMAND CHARGE ESCALATION RATE	*** %

```

1      * INPUT DATA -- PART I CONTINUED
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ████████████████████

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* NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND R/M TESTS

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1
2 CALCULATION OF GEN K-FACTOR
3 PROGRAM METHOD SELECTED REV REQ
PROGRAM NAME: [REDACTED]

PSC FORM CE 1.1A
PAGE 1 OF 2

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR RATE BASE \$(000)	DEBT \$(000)	PREFERRED STOCK \$(000)	COMMON EQUITY \$(000)	INCOME TAXES \$(000)	PROPERTY TAX \$(000)	PROPERTY INSURANCE \$(000)	DEPRECIATION \$(000)	DEFERRED TAXES \$(000)	TOTAL FIXED CHARGES \$(000)	PRESENT WORTH FIXED CHARGES \$(000)	CUMULATIVE PW FIXED CHARGES \$(000)	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2020	226	5	0	13	8	4	0	7	0	39	39	223
2021	218	5	0	13	5	4	0	7	3	38	35	228
2022	207	5	0	12	5	4	0	7	3	36	31	234
2023	197	4	0	12	5	4	0	7	3	35	28	240
2024	187	4	0	11	5	4	0	7	2	34	25	246
2025	177	4	0	10	5	3	0	7	2	32	23	252
2026	168	4	0	10	5	3	0	7	1	31	20	258
2027	159	4	0	9	5	3	0	7	1	30	18	265
2028	151	3	0	9	5	3	0	7	1	29	16	271
2029	142	3	0	8	4	3	0	7	1	28	15	278
2030	134	3	0	8	4	3	0	7	1	26	13	285
2031	125	3	0	7	4	3	0	7	1	25	12	292
2032	117	3	0	7	4	2	0	7	1	24	10	300
2033	108	2	0	6	3	2	0	7	1	23	9	307
2034	100	2	0	6	3	2	0	7	1	22	8	315
2035	91	2	0	5	3	2	0	7	1	21	7	323
2036	83	2	0	5	2	2	0	7	1	20	6	331
2037	74	2	0	4	2	2	0	7	1	18	6	339
2038	66	1	0	4	2	2	0	7	1	17	5	347
2039	58	1	0	3	1	1	0	7	1	16	4	356
2040	49	1	0	3	3	1	0	7	(1)	15	4	365
2041	42	1	0	3	5	1	0	7	(3)	14	3	374
2042	38	1	0	2	4	1	0	7	(3)	13	3	383
2043	33	1	0	2	4	1	0	7	(3)	13	2	392
2044	28	1	0	2	4	1	0	7	(3)	12	2	403
2045	24	1	0	1	4	1	0	7	(3)	11	2	413
2046	19	0	0	1	4	0	0	7	(3)	11	2	423
2047	14	0	0	1	3	0	0	7	(3)	10	1	434
2048	9	0	0	1	3	0	0	7	(3)	9	1	445
2049	5	0	0	0	3	(0)	0	7	(3)	8	1	456

IN SERVICE COST (\$000)	223
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	41%	5.50 %
P/S	0%	0.00 %
C/S	59%	10.00 %

K-FACTOR = CPWFC / IN-SVC COST = 1.58562

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM/METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2020	3.75%	8	8	7	7	7	7	0	12	0	0	0	0	(3)
2021	7.22%	16	24	7	15	7	14	3	12	0	0	0	3	1
2022	6.68%	15	39	7	22	7	21	3	12	0	0	0	3	3
2023	6.18%	14	52	7	30	7	28	3	12	0	0	0	3	6
2024	5.71%	-13	65	7	37	7	35	2	12	0	0	0	2	8
2025	5.29%	12	76	7	45	7	42	2	12	0	0	0	2	10
2026	4.89%	11	87	7	52	7	49	1	12	0	0	0	1	11
2027	4.52%	10	97	7	59	7	56	1	12	0	0	0	1	12
2028	4.46%	10	107	7	67	7	63	1	12	0	0	0	1	13
2029	4.46%	10	117	7	74	7	70	1	12	0	0	0	1	15
2030	4.46%	10	126	7	82	7	77	1	12	0	0	0	1	16
2031	4.46%	10	136	7	89	7	84	1	12	0	0	0	1	17
2032	4.46%	10	146	7	97	7	91	1	12	0	0	0	1	18
2033	4.46%	10	156	7	104	7	98	1	12	0	0	0	1	19
2034	4.46%	10	166	7	111	7	105	1	12	0	0	0	1	20
2035	4.46%	10	175	7	119	7	112	1	12	0	0	0	1	21
2036	4.46%	10	185	7	126	7	119	1	12	0	0	0	1	22
2037	4.46%	10	195	7	134	7	126	1	12	0	0	0	1	23
2038	4.46%	10	205	7	141	7	133	1	12	0	0	0	1	24
2039	4.46%	10	214	7	148	7	140	1	12	0	0	0	1	25
2040	2.23%	5	219	7	156	7	147	(1)	12	0	0	0	(1)	24
2041	0.00%	0	219	7	163	7	155	(3)	12	0	0	0	(3)	22
2042	0.00%	0	219	7	171	7	162	(3)	12	0	0	0	(3)	19
2043	0.00%	0	219	7	178	7	169	(3)	12	0	0	0	(3)	16
2044	0.00%	0	219	7	186	7	176	(3)	12	0	0	0	(3)	14
2045	0.00%	0	219	7	193	7	183	(3)	12	0	0	0	(3)	11
2046	0.00%	0	219	7	200	7	190	(3)	12	0	0	0	(3)	8
2047	0.00%	0	219	7	208	7	197	(3)	12	0	0	0	(3)	5
2048	0.00%	0	219	7	215	7	204	(3)	12	0	0	0	(3)	3
2049	0.00%	0	219	7	223	7	211	(3)	12	0	0	0	(3)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(3)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	12
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

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(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION	(5b)* ACCUMULATED DEF TAXES	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2020	3.75%	8	0	215	7	(3)	226	218	222
2021	7.22%	16	3	208	15	1	218	207	213
2022	6.68%	15	3	200	22	3	207	197	202
2023	6.18%	14	3	193	30	6	197	187	192
2024	5.71%	13	2	186	37	8	187	177	182
2025	5.29%	12	2	178	45	10	177	168	173
2026	4.89%	11	1	171	52	11	168	159	164
2027	4.52%	10	1	163	59	12	159	151	155
2028	4.46%	10	1	156	67	13	151	142	147
2029	4.46%	10	1	148	74	15	142	134	138
2030	4.46%	10	1	141	82	16	134	125	130
2031	4.46%	10	1	134	89	17	125	117	121
2032	4.46%	10	1	126	97	18	117	108	113
2033	4.46%	10	1	119	104	19	108	100	104
2034	4.46%	10	1	111	111	20	100	91	96
2035	4.46%	10	1	104	119	21	91	83	87
2036	4.46%	10	1	97	126	22	83	74	79
2037	4.46%	10	1	89	134	23	74	66	70
2038	4.46%	10	1	82	141	24	66	58	62
2039	4.46%	10	1	74	148	25	58	49	53
2040	2.23%	5	(1)	67	156	24	49	42	46
2041	0.00%	0	(3)	59	163	22	42	38	40
2042	0.00%	0	(3)	52	171	19	38	33	35
2043	0.00%	0	(3)	45	178	16	33	28	31
2044	0.00%	0	(3)	37	186	14	28	24	26
2045	0.00%	0	(3)	30	193	11	24	19	21
2046	0.00%	0	(3)	22	200	8	19	14	16
2047	0.00%	0	(3)	15	208	5	14	9	12
2048	0.00%	0	(3)	7	215	3	9	5	7
2049	0.00%	0	(3)	(0)	223	0	5	0	2

* Column not specified in workbook

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1 INPUT DATA - PART 2
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

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PAGE 1 OF 1

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/KWh)	AVOIDED MARGINAL FUEL COST (C/KWh)	INCREASED MARGINAL FUEL COST (C/KWh)	REPLACEMENT FUEL COST (C/KWh)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KWh EFFECTIVENESS FACTOR
2011	1	1	3.91	4.23	4.42	0.00	1.00	1.00
2012	1	1	3.93	4.23	4.43	0.00	1.00	1.00
2013	1	1	4.08	4.34	4.50	0.00	1.00	1.00
2014	1	1	4.18	4.47	4.63	0.00	1.00	1.00
2015	1	1	4.47	4.81	5.00	0.00	1.00	1.00
2016	1	1	4.95	5.37	5.60	0.00	1.00	1.00
2017	1	1	5.42	5.91	6.21	0.00	1.00	1.00
2018	1	1	7.40	8.03	8.40	0.00	1.00	1.00
2019	1	1	7.77	8.35	8.67	0.00	1.00	1.00
2020	1	1	8.31	8.98	9.38	7.58	1.00	1.00
2021	1	1	8.82	9.49	9.88	7.47	1.00	1.00
2022	1	1	9.18	9.76	10.04	7.56	1.00	1.00
2023	1	1	9.66	10.27	10.54	8.02	1.00	1.00
2024	1	1	10.56	11.29	11.63	8.78	1.00	1.00
2025	1	1	11.30	12.06	12.39	9.27	1.00	1.00
2026	1	1	11.65	12.36	12.67	9.07	1.00	1.00
2027	1	1	12.05	12.76	13.10	9.22	1.00	1.00
2028	1	1	12.45	13.12	13.46	9.44	1.00	1.00
2029	1	1	12.75	13.35	13.64	9.51	1.00	1.00
2030	1	1	13.21	13.79	14.06	9.63	1.00	1.00
2031	1	1	13.49	14.07	14.33	9.82	1.00	1.00
2032	1	1	13.68	14.18	14.36	9.93	1.00	1.00
2033	1	1	14.09	14.56	14.74	10.05	1.00	1.00
2034	1	1	14.43	14.89	15.08	10.28	1.00	1.00
2035	1	1	14.70	15.17	15.35	10.55	1.00	1.00
2036	1	1	14.98	15.40	15.55	10.59	1.00	1.00
2037	1	1	15.26	15.64	15.77	10.74	1.00	1.00
2038	1	1	15.56	15.94	16.06	11.04	1.00	1.00
2039	1	1	15.81	16.15	16.23	11.11	1.00	1.00
2040	1	1	16.11	16.45	16.51	11.31	1.00	1.00
2041	1	1	16.45	16.81	16.90	11.48	1.00	1.00
2042	1	1	16.77	17.13	17.22	11.73	1.00	1.00
2043	1	1	17.03	17.34	17.37	11.81	1.00	1.00
2044	1	1	17.38	17.69	17.73	12.09	1.00	1.00
2045	1	1	17.75	18.09	18.14	12.31	1.00	1.00
2046	1	1	18.04	18.33	18.35	12.54	1.00	1.00
2047	1	1	18.40	18.69	18.70	12.73	1.00	1.00
2048	1	1	18.77	19.06	19.07	12.92	1.00	1.00
2049	1	1	19.10	19.39	19.39	13.10	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

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1 AVOIDED GENERATING BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT CAPACITY COST \$(000)	(3) AVOIDED GEN UNIT FIXED O&M \$(000)	(4) AVOIDED GEN UNIT VARIABLE O&M \$(000)	(5) AVOIDED GEN UNIT FUEL COST \$(000)	(6) REPLACEMENT FUEL COST \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
2013	0	0	0	0	0	0
2014	0	0	0	0	0	0
2015	0	0	0	0	0	0
2016	0	0	0	0	0	0
2017	0	0	0	0	0	0
2018	0	0	0	0	0	0
2019	0	0	0	0	0	0
2020	39	26	1	51	69	48
2021	38	27	1	93	114	45
2022	36	27	1	98	113	50
2023	35	28	1	98	112	50
2024	34	29	1	105	120	48
2025	32	29	1	116	131	48
2026	31	30	1	120	130	53
2027	30	31	1	124	135	50
2028	29	32	1	127	139	50
2029	28	32	1	130	140	51
2030	26	33	1	135	145	51
2031	25	34	1	137	147	50
2032	24	35	1	141	151	50
2033	23	36	2	149	159	50
2034	22	37	2	153	163	48
2035	21	38	2	156	169	47
2036	20	39	2	160	171	49
2037	18	40	2	163	174	49
2038	17	41	2	166	179	47
2039	16	42	2	169	180	49
2040	15	43	2	172	183	48
2041	14	44	2	175	186	49
2042	13	45	2	178	190	48
2043	13	46	2	181	191	51
2044	12	47	2	184	195	50
2045	11	48	2	188	199	50
2046	11	49	2	190	202	50
2047	10	51	2	194	205	51
2048	9	52	2	197	208	52
2049	8	53	2	200	210	54
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
NOM	658	1,142	48	4,430	4,812	1,486
NPV	187	231	9	874	964	238

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

* THESE VALUES REPRESENT THE COST OF THE INCREASED FUEL CONSUMPTION DUE TO GREATER OFF-PEAK ENERGY USAGE. USED FOR LOAD SHIFTING PROGRAMS ONLY.

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1 AVOIDED GENERATING EMISSION IMPACT
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

YEAR	(2) AVOIDED GEN UNIT EMISSION BENEFIT \$(000)	(3) REPLACEMENT EMISSION COST \$(000)	(4) PROGRAM EMISSION BENEFIT \$(000)	(5) OFF-PEAK EMISSION PAYBACK COST \$(000)	(6) NET EMISSION BENEFIT \$(000)
2011	0	0	0	0	0
2012	0	0	0	0	0
2013	0	0	0	0	0
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	0	0	0
2017	0	0	0	0	0
2018	0	0	11	0	11
2019	0	0	12	0	12
2020	11	14	13	0	10
2021	20	26	14	0	8
2022	21	27	15	0	9
2023	21	28	17	0	10
2024	23	30	18	0	11
2025	25	33	20	0	12
2026	28	36	21	0	13
2027	30	39	23	0	14
2028	33	43	25	0	14
2029	35	46	26	0	16
2030	39	51	28	0	17
2031	42	55	31	0	18
2032	46	60	33	0	19
2033	51	67	35	0	20
2034	56	73	38	0	21
2035	60	78	41	0	23
2036	65	84	44	0	24
2037	70	91	47	0	26
2038	75	98	51	0	28
2039	80	105	54	0	30
2040	86	113	58	0	32
2041	93	121	63	0	35
2042	100	130	68	0	37
2043	107	140	73	0	40
2044	115	150	78	0	43
2045	124	162	84	0	46
2046	133	173	90	0	50
2047	143	187	98	0	53
2048	153	201	105	0	57
2049	165	216	113	0	62
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	2,050	2,677	1,447	0	820
NPV	314	410	239	0	143

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1      TOTAL RESOURCE COST TEST
2      PROGRAM METHOD SELECTED: REV_REQ
3      PROGRAM NAME: ████████████████████

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Discount Rate:
Benefit/Cost Ratio (Col(11) / Col(6)) :

7.29 %

1.78

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1 PARTICIPANT COSTS AND BENEFITS
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(000)	UTILITY REBATES \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	CUSTOMER EQUIPMENT COSTS \$(000)	CUSTOMER O&M COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2011	28	0	32	0	60	375	0	0	375	(315)	(315)
2012	59	0	0	0	59	0	0	0	0	59	(260)
2013	55	0	0	0	55	0	0	0	0	55	(213)
2014	55	0	0	0	55	0	0	0	0	55	(168)
2015	56	0	0	0	56	0	0	0	0	56	(126)
2016	57	0	0	0	57	0	0	0	0	57	(86)
2017	63	0	0	0	63	0	0	0	0	63	(44)
2018	75	0	0	0	75	0	0	0	0	75	1
2019	79	0	0	0	79	0	0	0	0	79	47
2020	83	0	0	0	83	0	0	0	0	83	91
2021	88	0	32	0	120	480	0	0	480	(360)	(87)
2022	91	0	0	0	91	0	0	0	0	91	(46)
2023	89	0	0	0	89	0	0	0	0	89	(7)
2024	92	0	0	0	92	0	0	0	0	92	30
2025	95	0	0	0	95	0	0	0	0	95	65
2026	97	0	0	0	97	0	0	0	0	97	99
2027	100	0	0	0	100	0	0	0	0	100	131
2028	102	0	0	0	102	0	0	0	0	102	162
2029	104	0	0	0	104	0	0	0	0	104	191
2030	107	0	0	0	107	0	0	0	0	107	219
2031	110	0	32	0	142	615	0	0	615	(473)	104
2032	115	0	0	0	115	0	0	0	0	115	130
2033	123	0	0	0	123	0	0	0	0	123	156
2034	128	0	0	0	128	0	0	0	0	128	181
2035	131	0	0	0	131	0	0	0	0	131	206
2036	140	0	0	0	140	0	0	0	0	140	230
2037	144	0	0	0	144	0	0	0	0	144	253
2038	148	0	0	0	148	0	0	0	0	148	275
2039	152	0	0	0	152	0	0	0	0	152	296
2040	157	0	0	0	157	0	0	0	0	157	316
2041	161	0	32	0	193	787	0	0	787	(594)	245
2042	168	0	0	0	168	0	0	0	0	168	264
2043	175	0	0	0	175	0	0	0	0	175	282
2044	182	0	0	0	182	0	0	0	0	182	300
2045	189	0	0	0	189	0	0	0	0	189	317
2046	196	0	0	0	196	0	0	0	0	196	334
2047	205	0	0	0	205	0	0	0	0	205	350
2048	213	0	0	0	213	0	0	0	0	213	366
2049	222	0	0	0	222	0	0	0	0	222	381
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
NOM	4,633	0	127	0	4,761	2,257	0	0	2,257	2,504	
NPV	1,180	0	59	0	1,239	858	0	0	858	381	

In Service of Gen Units
Discount Rate:
Benefit/Cost Ratio (Col(6) / Col(10))

2020
7.29 %
1.44

```

1          RATE IMPACT TEST
2    PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: ██████████

```

Discount Rate	7.29 %
Benefit/Cost Ratio (Col(12) / Col(7)) :	1.41

page 1
14-Feb-11

1 INPUT DATA - PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	410.90 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	548.84 KW
(3) KW LINE LOSS PERCENTAGE	8.56 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	4,096,431.76 KWH
(5) KW LINE LOSS PERCENTAGE	6.90 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KWH INCREASE AT METER	0.09 KWH

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	35 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.77738
(5) K FACTOR FOR T & D	1.63254

III. UTILITY & CUSTOMER COSTS

(1) UTILITY NON RECURRING COST PER CUSTOMER	*** \$/CUST
(2) UTILITY RECURRING COST PER CUSTOMER	*** \$/CUST
(3) UTILITY COST ESCALATION RATE	*** %**
(4) CUSTOMER EQUIPMENT COST	*** \$/CUST
(5) CUSTOMER EQUIPMENT ESCALATION RATE	*** %**
(6) CUSTOMER O & M COST	*** \$/CUST/YR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
(8) INCREASED SUPPLY COSTS	*** \$/CUST/YR
(9) SUPPLY COSTS ESCALATION RATES	*** %**
(10) UTILITY DISCOUNT RATE	8.89 %
(11) UTILITY AFUDC RATE	8.48 %
(12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
(13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
(14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK
** VALUE SHOWN IS FOR FIRST YEAR ONLY (VALUE VARIES OVER TIME)
*** PROGRAM COST CALCULATION VALUES ARE SHOWN ON PAGE 2

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2009
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2010-2019
(4) BASE YEAR AVOIDED GENERATING COST	725.39 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0.00 \$/KW
(6) BASE YEAR DISTRIBUTION COST	0.00 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	97.66 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	0.00 \$/KW
(11) DISTRIBUTION FIXED O & M COST	0.00 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.106 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50 %**
(15) GENERATOR CAPACITY FACTOR	0% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	\$ 23 CENTS PER KWH** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.70 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

(1) NON-FUEL COST IN CUSTOMER BILL	*** CENTS/KWH
(2) NON-FUEL COST ESCALATION RATE	*** %
(3) DEMAND CHARGE IN CUSTOMER BILL	*** \$/KW/DO
(4) DEMAND CHARGE ESCALATION RATE	*** %

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	UTILITY PROGRAM COSTS WITHOUT INCENTIVES	UTILITY INCENTIVES	OTHER UTILITY COSTS	TOTAL UTILITY PROGRAM COSTS	ENERGY CHARGE REVENUE LOSSES	DEMAND CHARGE REVENUE LOSSES	PARTICIPANT EQUIPMENT COSTS	PARTICIPANT O&M COSTS	OTHER PARTICIPANT COSTS	TOTAL PARTICIPANT COSTS
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2009	0	0	0	0	0	0	0	0	0	0
2010	2	87	0	89	32	23	603	0	0	603
2011	0	0	0	0	64	48	0	0	0	0
2012	0	0	0	0	65	51	0	0	0	0
2013	0	0	0	0	70	53	0	0	0	0
2014	0	0	0	0	76	56	0	0	0	0
2015	0	0	0	0	80	59	0	0	0	0
2016	0	0	0	0	86	59	0	0	0	0
2017	0	0	0	0	90	62	0	0	0	0
2018	0	0	0	0	93	62	0	0	0	0
2019	0	0	0	0	98	60	0	0	0	0
2020	0	0	0	0	98	59	0	0	0	0
2021	0	0	0	0	102	58	0	0	0	0
2022	0	0	0	0	108	57	0	0	0	0
2023	0	0	0	0	113	58	0	0	0	0
2024	0	0	0	0	121	58	0	0	0	0
2025	0	0	0	0	129	56	0	0	0	0
2026	0	0	0	0	136	56	0	0	0	0
2027	0	0	0	0	147	57	0	0	0	0
2028	0	0	0	0	155	58	0	0	0	0
2029	0	0	0	0	165	58	0	0	0	0
2030	3	87	0	91	177	58	287	0	0	387
2031	0	0	0	0	188	59	0	0	0	0
2032	0	0	0	0	203	60	0	0	0	0
2033	0	0	0	0	226	62	0	0	0	0
2034	0	0	0	0	230	63	0	0	0	0
2035	0	0	0	0	244	62	0	0	0	0
2036	0	0	0	0	267	63	0	0	0	0
2037	0	0	0	0	284	64	0	0	0	0
2038	0	0	0	0	300	64	0	0	0	0
2039	0	0	0	0	317	65	0	0	0	0
2040	0	0	0	0	334	65	0	0	0	0
2041	0	0	0	0	358	65	0	0	0	0
2042	0	0	0	0	382	66	0	0	0	0
2043	0	0	0	0	407	66	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
NOM	5	175	0	180	5,946	1,989	1,590	0	0	1,590
NPV	2	95	0	97	1,162	576	719	0	0	719

** NEGATIVE COSTS WILL BE CALCULATED AS POSITIVE BENEFITS FOR TRC AND RIM TESTS

page 3

1 CALCULATION OF GEN X-FACTOR
2 PROGRAM/METHOD SELECTED REV_REQ
3 PROGRAM NAME: [REDACTED]

	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	BEG-YEAR RATE BASE	DEBT	PREFERRED STOCK	COMMON EQUITY	INCOME TAXES	PROPERTY TAX	PROPERTY INSURANCE	DEPREC.	DEFERRED TAXES	TOTAL FIXED CHARGES	PRESENT WORTH FIXED CHARGES	CUMULATIVE PW FIXED CHARGES	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2019	599	19	0	42	28	10	4	23	0	125	125	125	584
2020	576	18	0	40	19	10	4	23	8	121	111	237	599
2021	545	17	0	38	19	9	4	23	6	117	98	335	614
2022	515	16	0	36	19	9	4	23	5	112	87	422	629
2023	486	15	0	34	18	8	4	23	4	107	76	498	645
2024	458	14	0	32	18	8	4	23	3	103	67	565	661
2025	432	13	0	30	18	8	4	23	3	99	59	625	678
2026	406	13	0	28	17	7	4	23	2	95	52	677	695
2027	381	12	0	27	16	7	4	23	2	91	46	723	712
2028	356	11	0	25	15	6	4	23	2	87	40	763	730
2029	331	10	0	23	14	6	5	23	2	83	35	799	748
2030	306	9	0	21	13	5	5	23	2	79	31	830	767
2031	281	9	0	20	12	5	5	23	2	75	27	857	786
2032	256	8	0	18	11	5	5	23	2	71	24	880	805
2033	231	7	0	16	10	4	5	23	2	67	20	901	826
2034	206	6	0	14	9	4	5	23	2	63	18	919	846
2035	181	6	0	13	8	3	5	23	2	60	15	934	867
2036	156	5	0	11	7	3	5	23	2	56	13	947	889
2037	131	4	0	9	5	3	6	23	2	52	11	958	911
2038	106	3	0	7	4	2	6	23	2	48	9	968	934
2039	81	3	0	6	3	2	6	23	(3)	44	8	976	957
2040	61	2	0	4	12	1	6	23	(8)	41	7	982	981
2041	46	1	0	3	12	1	6	23	(8)	38	6	988	1,006
2042	30	1	0	2	11	0	6	23	(8)	36	5	993	1,031
2043	15	0	0	1	10	(0)	6	23	(8)	33	4	998	1,057

IN SERVICE COST (\$000)	584
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	8.9%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	%
DEBT	44%	7.03	%
P/S	0%	0.00	%
C/S	56%	12.50	%

X-FACTOR = $\frac{CFWFC}{IN-SVC \text{ COST}}$ = 1.70738

page 4a

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM/METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	ACCUMULATED TAX DEPRECIATION \$(000)	BOOK DEPRECIATION \$(000)	ACCUMULATED BOOK DEPRECIATION \$(000)	BOOK DEPRECIATION FOR DEFERRED TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL EQUITY AFUDC \$(000)	BOOK DEPR RATE MINUS 1/LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX (9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2019	3.79%	21	21	23	23	21	21	8	55	0	0	0	0	(15)
2020	7.22%	41	62	23	47	21	42	8	55	0	0	0	8	(7)
2021	6.88%	38	100	23	76	21	64	6	55	0	0	0	6	(1)
2022	6.18%	35	135	23	93	21	85	5	55	0	0	0	5	5
2023	5.71%	32	168	23	117	21	106	4	55	0	0	0	4	9
2024	5.28%	30	198	23	140	21	127	3	55	0	0	0	3	12
2025	4.89%	28	226	23	164	21	148	3	55	0	0	0	3	15
2026	4.52%	26	251	23	187	21	170	2	55	0	0	0	2	17
2027	4.46%	25	277	23	210	21	191	2	55	0	0	0	2	18
2028	4.46%	25	302	23	234	21	212	2	55	0	0	0	2	20
2029	4.46%	25	327	23	257	21	233	2	55	0	0	0	2	22
2030	4.46%	25	353	23	280	21	254	2	55	0	0	0	2	23
2031	4.46%	25	378	23	304	21	275	2	55	0	0	0	2	25
2032	4.46%	25	403	23	327	21	297	2	55	0	0	0	2	26
2033	4.46%	25	429	23	351	21	318	2	55	0	0	0	2	28
2034	4.46%	25	454	23	374	21	339	2	55	0	0	0	2	30
2035	4.46%	25	479	23	397	21	360	2	55	0	0	0	2	31
2036	4.46%	25	505	23	421	21	381	2	55	0	0	0	2	33
2037	4.46%	25	530	23	444	21	403	2	55	0	0	0	2	34
2038	4.46%	25	556	23	467	21	424	2	55	0	0	0	2	36
2039	2.23%	13	568	23	491	21	445	(3)	55	0	0	0	(3)	33
2040	0.00%	0	568	23	514	21	466	(8)	55	0	0	0	(8)	25
2041	0.00%	0	568	23	538	21	487	(8)	55	0	0	0	(8)	16
2042	0.00%	0	568	23	561	21	509	(8)	55	0	0	0	(8)	8
2043	0.00%	0	568	23	584	21	530	(8)	55	0	0	0	(8)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2025
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(15)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	55
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

page 4b

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
2 PROGRAM/METHOD SELECTED: REV_REQ
3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	END OF YEAR NET PLANT IN SERVICE \$(000)	ACCUMULATED DEPRECIATION \$(000)	ACCUMULATED DEF TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2019	3.75%	21	0	561	23	(15)	599	576	587
2020	7.22%	41	8	538	47	(7)	576	545	560
2021	6.88%	38	5	514	70	(1)	545	515	530
2022	6.18%	35	5	491	93	5	515	486	500
2023	5.71%	32	4	467	117	9	486	458	472
2024	5.29%	30	3	444	140	12	458	432	445
2025	4.89%	28	3	421	164	15	432	406	419
2026	4.52%	26	2	397	187	17	406	381	393
2027	4.46%	25	2	374	210	18	381	356	368
2028	4.46%	25	2	351	234	20	356	331	343
2029	4.46%	25	2	327	257	22	331	306	318
2030	4.46%	25	2	304	280	23	306	281	293
2031	4.46%	25	2	280	304	25	281	256	268
2032	4.46%	25	2	257	327	26	256	231	243
2033	4.46%	25	2	234	351	28	231	206	218
2034	4.46%	25	2	210	374	30	206	181	193
2035	4.46%	25	2	187	397	31	181	156	168
2036	4.46%	25	2	164	421	33	156	131	143
2037	4.46%	25	2	140	444	34	131	106	118
2038	4.46%	25	2	117	467	36	106	81	93
2039	2.23%	13	(3)	93	491	33	81	61	71
2040	0.00%	0	(8)	70	514	25	61	46	53
2041	0.00%	0	(8)	47	538	16	46	30	38
2042	0.00%	0	(8)	23	561	8	30	15	23
2043	0.00%	0	(8)	(8)	584	0	15	0	8

* Column not specified in workbook

1 INPUT DATA - PART 2
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (¢/KWH)	AVOIDED MARGINAL FUEL COST (¢/KWH)	INCREASED MARGINAL FUEL COST (¢/KWH)	REPLACEMENT FUEL COST (¢/KWH)	PROGRAM KW EFFECTIVENESS FACTOR	PROGRAM KW EFFECTIVENESS FACTOR
2009	0	0	6.79	9.17	6.79	0.00	1.00	1.00
2010	1	1	6.41	16.51	6.41	0.00	1.00	1.00
2011	1	1	6.35	10.38	6.35	0.00	1.00	1.00
2012	1	1	6.43	13.34	6.43	0.00	1.00	1.00
2013	1	1	7.06	9.99	7.06	0.00	1.00	1.00
2014	1	1	7.53	10.61	7.53	0.00	1.00	1.00
2015	1	1	8.11	13.20	8.11	0.00	1.00	1.00
2016	1	1	9.00	13.90	9.00	0.00	1.00	1.00
2017	1	1	9.75	15.09	9.75	0.00	1.00	1.00
2018	1	1	10.52	15.46	10.52	0.00	1.00	1.00
2019	1	1	11.50	21.44	11.50	10.41	1.00	1.00
2020	1	1	12.08	20.17	12.08	10.50	1.00	1.00
2021	1	1	12.57	21.76	12.57	10.74	1.00	1.00
2022	1	1	13.06	23.66	13.06	10.81	1.00	1.00
2023	1	1	13.39	20.91	13.39	10.80	1.00	1.00
2024	1	1	13.95	22.19	13.95	10.84	1.00	1.00
2025	1	1	14.40	22.20	14.40	10.96	1.00	1.00
2026	1	1	14.70	22.41	14.70	11.05	1.00	1.00
2027	1	1	15.13	23.05	15.13	11.17	1.00	1.00
2028	1	1	15.60	23.70	15.60	11.36	1.00	1.00
2029	1	1	16.02	22.95	16.02	11.41	1.00	1.00
2030	1	1	16.52	23.78	16.52	11.59	1.00	1.00
2031	1	1	17.08	24.53	17.08	11.80	1.00	1.00
2032	1	1	17.50	24.55	17.50	11.88	1.00	1.00
2033	1	1	18.27	25.51	18.27	12.10	1.00	1.00
2034	1	1	18.73	25.89	18.73	12.14	1.00	1.00
2035	1	1	19.57	27.64	19.57	12.29	1.00	1.00
2036	1	1	20.40	28.26	20.40	12.53	1.00	1.00
2037	1	1	21.11	28.22	21.11	12.70	1.00	1.00
2038	1	1	22.02	30.23	22.02	13.04	1.00	1.00
2039	1	1	22.78	31.29	22.78	13.32	1.00	1.00
2040	1	1	23.59	32.02	23.59	13.44	1.00	1.00
2041	1	1	24.54	33.28	24.54	13.75	1.00	1.00
2042	1	1	25.50	34.66	25.50	14.10	1.00	1.00
2043	1	1	26.74	36.49	26.74	14.40	1.00	1.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
0	0	0	0.00	0.00	0.00	0.00	0.00	0.00

* THIS COLUMN IS USED ONLY FOR LOAD SHIFTING PROGRAMS WHICH SHIFT CONSUMPTION TO OFF-PEAK PERIODS.
 THE VALUES REPRESENT THE OFF PEAK SYSTEM FUEL COSTS.

PSC FORM CE 2.9
PAGE 1 OF 1

NOM	1,924	2,368	189	11,035	11,848	3,668
NPV	430	393	28	1,689	1,878	602

	(2)	(3)	(4)	(5)	(6)
	AVOIDED GEN UNIT EMISSION BENEFIT	REPLACEMENT EMISSION COST	PROGRAM EMISSION BENEFIT	OFF-PEAK EMISSION PAYBACK COST	NET EMISSION BENEFIT
YEAR	\$'(000)	\$'(000)	\$'(000)	\$'(000)	\$'(000)
2009	0	0	0	0	0
2010	0	0	2	0	2
2011	0	0	12	0	12
2012	0	0	10	0	10
2013	0	0	39	0	39
2014	0	0	42	0	42
2015	0	0	51	0	51
2016	0	0	55	0	55
2017	0	0	63	0	63
2018	0	0	65	0	65
2019	21	27	75	0	69
2020	32	41	82	0	72
2021	35	45	87	0	76
2022	41	53	99	0	87
2023	45	58	98	0	85
2024	52	67	109	0	94
2025	60	77	117	0	100
2026	67	85	117	0	99
2027	75	96	125	0	105
2028	83	105	135	0	112
2029	94	120	155	0	130
2030	105	135	165	0	137
2031	114	144	179	0	148
2032	125	159	188	0	155
2033	146	185	204	0	165
2034	162	204	208	0	165
2035	176	222	232	0	186
2036	192	242	249	0	189
2037	208	262	268	0	214
2038	225	284	284	0	225
2039	243	307	304	0	240
2040	263	332	302	0	233
2041	283	358	325	0	250
2042	283	358	349	0	274
2043	283	358	375	0	301
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	3,412	4,524	5,171	0	4,258
NPV	413	526	866	0	754

Benefit/Cost Ratio (Col(12) / Col(7)) :

8.89	%
5.11	