

REDACTED

060002-EG

ATTACHMENT B

DOCUMENT NUMBER-DATE

03799 MAY-18

FPSC-COMMISSION CLERK

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INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	74.43 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	100.36 KW
(3) KW LINE LOSS PERCENTAGE	9.33 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	457,775.74 KWH
(5) KWH LINE LOSS PERCENTAGE	7.43 %
(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	26 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	33 YEARS
(4) K FACTOR FOR GENERATION	1.65516
(5) K FACTOR FOR T & D	1.65761

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	*** \$/CUSTYR
(7) CUSTOMER O & M COST ESCALATION RATE	*** %**
* (8) INCREASED SUPPLY COSTS	*** \$/CUSTYR
* (9) SUPPLY COSTS ESCALATION RATE	*** %**
+ (10) UTILITY DISCOUNT RATE	7.93 %
- (11) UTILITY AFUDC RATE	7.84 %
* (12) UTILITY NON RECURRING RRBATE/INCENTIVE	*** \$/CUST
* (13) UTILITY RECURRING RRBATE/INCENTIVE	*** \$/CUST
* (14) UTILITY RRBATE/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	2004
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2010
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2007-2010
(4) BASE YEAR AVOIDED GENERATING COST	485.29 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	84.37 \$/KW
(6) BASE YEAR DISTRIBUTION COST	23.05 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	27.78 \$/KWYR
(9) GENERATOR FIXED O&M ESCALATION RATE	4.24 %**
(10) TRANSMISSION FIXED O & M COST	2.47 \$/KW
(11) DISTRIBUTION FIXED O & M COST	1.43 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	4.24 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.018 CENTS/KWH
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1.88 %**
(15) GENERATOR CAPACITY FACTOR	47% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.70 CENTS PER KWH** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	3.14 %**

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	*** %

* INPUT DATA - PART I CONTINUED
 PROGRAM METHOD SELECTED: REV REQ
 PROGRAM NAME: _____

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)
2004	3	9	0	12	8	4	62	0	62	
2005	0	0	0	0	15	8	0	0	0	
2006	0	0	0	0	15	8	0	0	0	
2007	0	0	0	0	15	8	0	0	0	
2008	0	0	0	0	15	8	0	0	0	
2009	0	0	0	0	16	8	0	0	0	
2010	0	0	0	0	16	7	0	0	0	
2011	0	0	0	0	16	7	0	0	0	
2012	0	0	0	0	17	7	0	0	0	
2013	0	0	0	0	17	7	0	0	0	
2014	0	0	0	0	18	7	0	0	0	
2015	0	0	0	0	18	7	0	0	0	
2016	0	0	0	0	18	7	0	0	0	
2017	0	0	0	0	18	6	0	0	0	
2018	0	0	0	0	18	6	0	0	0	
2019	0	0	0	0	19	6	0	0	0	
2020	0	0	0	0	19	7	0	0	0	
2021	0	0	0	0	20	7	0	0	0	
2022	0	0	0	0	20	7	0	0	0	
2023	0	0	0	0	21	7	0	0	0	
2024	0	0	0	0	21	7	0	0	0	
2025	4	9	0	14	22	7	109	0	109	
2026	0	0	0	0	22	8	0	0	0	
2027	0	0	0	0	23	8	0	0	0	
2028	0	0	0	0	24	8	0	0	0	
2029	0	0	0	0	24	9	0	0	0	

NOM	7	19	0	26	404	184	171	0	171
NPV	3	11	0	15	197	91	86	0	86

* 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 GENK-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAMNAME: ██████████

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR	DEBT	PREFERRED	COMMON	INCOME	PROPERTY	PROPERTY	DEPRECI	DEFERRED	TOTAL	PRESENT	CUMULATIVE	REPLACEMENT
YEAR	\$(000)	STOCK	EQUITY	TAXES	TAX	INSURANCE	\$(000)	TAXES	FIXED	WORTH	PWFIXED	COST BASIS
		\$(000)	\$(000)	\$(000)	\$(000)	\$(000)		\$(000)	CHARGES	FIXED	CHARGES	FOR
									\$(000)	CHARGES	CHARGES	PROPERTY INSURANCE
										\$(000)	\$(000)	\$(000)
2010	64	2	0	4	3	0	3	0	11	11	11	63
2011	62	2	0	4	2	1	3	1	12	11	22	65
2012	58	2	0	4	2	1	3	1	12	10	32	67
2013	55	2	0	3	2	1	3	1	11	9	41	69
2014	52	2	0	3	2	1	3	0	11	8	49	71
2015	49	2	0	3	2	1	3	0	10	7	56	73
2016	46	1	0	3	2	1	3	0	10	6	62	75
2017	43	1	0	3	2	1	3	0	9	6	68	77
2018	41	1	0	2	2	1	3	0	9	5	73	79
2019	38	1	0	2	1	1	3	0	9	4	77	82
2020	35	1	0	2	1	1	3	0	8	4	81	84
2021	33	1	0	2	1	1	3	0	8	3	84	87
2022	30	1	0	2	1	1	3	0	8	3	87	89
2023	27	1	0	2	1	1	3	0	7	3	90	92
2024	25	1	0	1	1	1	3	0	7	2	92	95
2025	22	1	0	1	1	1	3	0	6	2	94	98
2026	19	1	0	1	1	0	3	0	6	2	96	101
2027	17	1	0	1	1	0	3	0	6	2	98	104
2028	14	0	0	1	0	0	3	0	5	1	99	107
2029	11	0	0	1	0	0	3	0	5	1	100	110
2030	9	0	0	1	1	0	3	0	4	1	101	113
2031	6	0	0	0	1	0	3	(1)	4	1	102	117
2032	5	0	0	0	1	0	3	(1)	4	1	103	120
2033	3	0	0	0	1	0	3	(1)	4	1	103	124
2034	2	0	0	0	1	0	3	(1)	3	1	104	128

IN SERVICE COST (\$000)	63
IN SERVICE YEAR	2010
BOOK LIFE (YRS)	25
EMVFC TAX RATE	38.575
DISCOUNT RATE	7.9%
PROPERTY TAX	2.03%
PROPERTY INSURANCE	0.39%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	%
DEBT	45%	6.80	%
P/S	0%	0.00	%
C/S	55%	11.00	%

K-FACTOR = $\frac{CPWFC}{IN-SVC\ COST} = 1.65516$

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: RRV_REQ
PROGRAM NAME: ██████████

(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 LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX \$(9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2010	3.75%	2	2	3	3	2	2	0	5	0	0	0	0	(2)
2011	7.22%	4	7	3	5	2	5	1	5	0	0	0	1	(1)
2012	6.68%	4	11	3	8	2	7	1	5	0	0	0	1	0
2013	6.18%	4	15	3	10	2	9	1	5	0	0	0	1	1
2014	5.71%	4	18	3	13	2	12	0	5	0	0	0	0	1
2015	5.29%	3	21	3	15	2	14	0	5	0	0	0	0	1
2016	4.89%	3	24	3	18	2	16	0	5	0	0	0	0	2
2017	4.52%	3	27	3	20	2	18	0	5	0	0	0	0	2
2018	4.46%	3	30	3	23	2	21	0	5	0	0	0	0	2
2019	4.46%	3	33	3	25	2	23	0	5	0	0	0	0	2
2020	4.46%	3	35	3	28	2	25	0	5	0	0	0	0	2
2021	4.46%	3	38	3	30	2	28	0	5	0	0	0	0	3
2022	4.46%	3	41	3	33	2	30	0	5	0	0	0	0	3
2023	4.46%	3	44	3	35	2	32	0	5	0	0	0	0	3
2024	4.46%	3	46	3	38	2	35	0	5	0	0	0	0	3
2025	4.46%	3	49	3	40	2	37	0	5	0	0	0	0	3
2026	4.46%	3	52	3	43	2	39	0	5	0	0	0	0	3
2027	4.46%	3	55	3	45	2	41	0	5	0	0	0	0	4
2028	4.46%	3	57	3	48	2	44	0	5	0	0	0	0	4
2029	4.46%	3	60	3	50	2	46	0	5	0	0	0	0	4
2030	2.23%	1	61	3	53	2	48	(0)	5	0	0	0	(0)	4
2031	0.00%	0	61	3	55	2	51	(1)	5	0	0	0	(1)	5
2032	0.00%	0	61	3	58	2	53	(1)	5	0	0	0	(1)	2
2033	0.00%	0	61	3	60	2	55	(1)	5	0	0	0	(1)	1
2034	0.00%	0	61	3	63	2	58	(1)	5	0	0	0	(1)	0

SALVAGE/REMOVAL COST	0.00
YEAR SALVAGE/COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	5
BOOK DEPR RATE - USEFUL LIFE	4.00%

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: RBV_RRQ
 PROGRAM NAME: ██████████

(1) YEAR	(2) TAX DEPRECIATION SCHEDULE	(3) TAX DEPRECIATION \$(000)	(4) DEFERRED TAX \$(000)	(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)
2010	3.75%	2	0	63	3	(2)	64	62	63
2011	7.22%	4	1	60	5	(1)	62	58	60
2012	6.68%	4	1	58	8	0	58	55	57
2013	6.18%	4	1	55	10	1	55	52	54
2014	5.71%	4	0	53	13	1	52	49	51
2015	5.29%	3	0	50	15	1	49	46	48
2016	4.89%	3	0	46	18	2	46	43	45
2017	4.52%	3	0	45	20	2	43	41	42
2018	4.46%	3	0	43	23	2	41	38	39
2019	4.46%	3	0	40	25	2	38	35	37
2020	4.46%	3	0	38	28	2	35	33	34
2021	4.46%	3	0	35	30	3	33	30	31
2022	4.46%	3	0	33	33	3	30	27	29
2023	4.46%	3	0	30	35	3	27	25	26
2024	4.46%	3	0	28	38	3	25	22	23
2025	4.46%	3	0	25	40	3	22	19	21
2026	4.46%	3	0	23	43	3	19	17	18
2027	4.46%	3	0	20	45	4	17	14	15
2028	4.46%	3	0	18	48	4	14	11	13
2029	4.46%	3	0	15	50	4	11	9	10
2030	2.23%	1	(0)	13	53	4	9	6	8
2031	0.00%	0	(1)	10	55	3	6	5	6
2032	0.00%	0	(1)	8	58	2	5	3	4
2033	0.00%	0	(1)	5	60	1	3	2	2
2034	0.00%	0	(1)	3	63	0	2	0	1

* Column not specified to workbook

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INPUT DATA - PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: ██████████

(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
2004	1	1	4.22	4.62	5.02	0.00	1.00	1.00
2005	1	1	3.88	4.25	4.63	0.00	1.00	1.00
2006	1	1	3.77	4.14	4.57	0.00	1.00	1.00
2007	1	1	3.71	4.07	4.44	0.00	1.00	1.00
2008	1	1	3.66	4.04	4.51	0.00	1.00	1.00
2009	1	1	3.79	4.17	4.68	0.00	1.00	1.00
2010	1	1	3.90	4.23	4.65	5.14	1.00	1.00
2011	1	1	4.17	4.53	4.89	5.31	1.00	1.00
2012	1	1	4.18	4.51	4.99	4.92	1.00	1.00
2013	1	1	4.31	4.67	5.19	4.83	1.00	1.00
2014	1	1	4.39	4.76	5.30	4.91	1.00	1.00
2015	1	1	4.55	4.93	5.52	4.98	1.00	1.00
2016	1	1	4.69	5.07	5.71	5.27	1.00	1.00
2017	1	1	4.77	5.16	5.77	6.18	1.00	1.00
2018	1	1	4.92	5.31	5.95	6.59	1.00	1.00
2019	1	1	5.06	5.44	6.10	5.84	1.00	1.00
2020	1	1	5.16	5.56	6.26	5.71	1.00	1.00
2021	1	1	5.26	5.66	6.38	5.71	1.00	1.00
2022	1	1	5.50	5.91	6.67	6.49	1.00	1.00
2023	1	1	5.57	5.96	6.60	7.93	1.00	1.00
2024	1	1	5.66	6.05	6.69	8.04	1.00	1.00
2025	1	1	5.76	6.14	6.77	8.15	1.00	1.00
2026	1	1	5.87	6.24	6.86	8.26	1.00	1.00
2027	1	1	5.97	6.33	6.95	8.37	1.00	1.00
2028	1	1	6.07	6.43	7.04	8.49	1.00	1.00
2029	1	1	6.18	6.53	7.14	8.60	1.00	1.00

* 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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AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: ██████████

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)
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	11	4	0	15	21	9
2011	12	4	0	26	36	6
2012	12	4	0	27	34	9
2013	11	4	0	27	33	9
2014	11	4	0	28	34	10
2015	10	4	0	29	34	10
2016	10	5	0	31	36	10
2017	9	5	0	31	41	5
2018	9	5	0	31	43	3
2019	9	5	0	33	38	9
2020	8	6	0	33	37	11
2021	8	6	0	34	36	11
2022	8	6	0	36	41	8
2023	7	6	0	34	46	2
2024	7	7	0	34	46	2
2025	6	7	0	35	45	3
2026	6	7	0	35	45	4
2027	6	7	0	36	44	4
2028	5	8	0	36	44	5
2029	5	8	0	36	44	6

NOM	170	112	3	627	778	134
NPV	63	34	1	198	247	49

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

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAP COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)	(8a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2004	0	0	0	0	0	0	11	0
2005	2	0	2	0	0	0	19	0
2006	2	0	2	0	0	0	19	0
2007	2	0	2	0	0	0	19	0
2008	1	0	2	0	0	0	18	0
2009	1	0	2	0	0	0	19	0
2010	1	0	2	0	0	0	19	0
2011	1	0	2	0	0	0	21	0
2012	1	0	2	0	0	0	21	0
2013	1	0	2	0	0	0	21	0
2014	1	0	2	0	0	0	22	0
2015	1	0	1	0	0	0	23	0
2016	1	0	1	0	0	0	23	0
2017	1	0	1	0	0	0	24	0
2018	1	0	1	0	0	0	24	0
2019	1	0	1	0	0	0	25	0
2020	1	0	1	0	0	0	25	0
2021	1	1	1	0	0	0	26	0
2022	1	1	1	0	0	0	27	0
2023	1	1	1	0	0	0	27	0
2024	1	1	1	0	0	0	28	0
2025	1	1	1	0	0	0	28	0
2026	1	1	1	0	0	0	29	0
2027	1	1	1	0	0	0	29	0
2028	1	1	1	0	0	0	29	0
2029	0	1	1	0	0	0	30	0
<hr/>								
NOM.	25	11	36	5	5	10	606	0
NPV	13	4	17	3	2	4	246	0

* 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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TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GRN UNIT BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2004	0	3	62	0	64	0	0	11	0	11	(54)	(34)
2005	0	0	0	0	0	0	2	19	0	22	22	(34)
2006	0	0	0	0	0	0	2	19	0	21	21	(15)
2007	0	0	0	0	0	0	2	19	0	21	21	1
2008	0	0	0	0	0	0	2	18	0	21	21	16
2009	0	0	0	0	0	0	2	19	0	21	21	31
2010	0	0	0	0	0	9	2	19	0	30	30	50
2011	0	0	0	0	0	6	2	21	0	29	29	67
2012	0	0	0	0	0	9	2	21	0	31	31	84
2013	0	0	0	0	0	9	2	21	0	33	33	100
2014	0	0	0	0	0	10	2	22	0	33	33	116
2015	0	0	0	0	0	10	2	23	0	35	35	131
2016	0	0	0	0	0	10	2	23	0	35	35	145
2017	0	0	0	0	0	5	2	24	0	30	30	156
2018	0	0	0	0	0	3	2	24	0	29	29	166
2019	0	0	0	0	0	9	2	25	0	35	35	177
2020	0	0	0	0	0	11	2	25	0	38	38	188
2021	0	0	0	0	0	11	2	26	0	39	39	199
2022	0	0	0	0	0	8	2	27	0	37	37	208
2023	0	0	0	0	0	2	2	27	0	30	30	215
2024	0	4	109	0	114	2	2	28	0	32	(82)	197
2025	0	0	0	0	0	3	2	28	0	33	33	204
2026	0	0	0	0	0	4	2	29	0	34	34	210
2027	0	0	0	0	0	4	2	29	0	35	35	216
2028	0	0	0	0	0	5	2	29	0	36	36	222
2029	0	0	0	0	0	6	2	30	0	37	37	228

NOM	0	7	171	0	178	134	46	606	0	786	609
NPV	0	3	85	0	89	49	21	246	0	317	228

Discount Rate: 7.93 %
Benefit/Cost Ratio (Col(11) / Col(6)) : 3.56

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PARTICIPANT COSTS AND BENEFITS
PROGRAM/METHOD SELECTED: REV_REQ
PROGRAM NAME: ██████████

(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)
2004	12	0	9	0	21	62	0	0	62	(41)	(41)
2005	23	0	0	0	23	0	0	0	0	23	(19)
2006	23	0	0	0	23	0	0	0	0	23	0
2007	23	0	0	0	23	0	0	0	0	23	18
2008	23	0	0	0	23	0	0	0	0	23	36
2009	23	0	0	0	23	0	0	0	0	23	51
2010	23	0	0	0	23	0	0	0	0	23	66
2011	24	0	0	0	24	0	0	0	0	24	80
2012	24	0	0	0	24	0	0	0	0	24	93
2013	24	0	0	0	24	0	0	0	0	24	103
2014	24	0	0	0	24	0	0	0	0	24	116
2015	24	0	0	0	24	0	0	0	0	24	127
2016	25	0	0	0	25	0	0	0	0	25	137
2017	25	0	0	0	25	0	0	0	0	25	146
2018	25	0	0	0	25	0	0	0	0	25	155
2019	26	0	0	0	26	0	0	0	0	26	163
2020	27	0	0	0	27	0	0	0	0	27	171
2021	27	0	0	0	27	0	0	0	0	27	178
2022	28	0	0	0	28	0	0	0	0	28	185
2023	29	0	0	0	29	0	0	0	0	29	192
2024	29	0	9	0	39	109	0	0	109	(71)	177
2025	30	0	0	0	30	0	0	0	0	30	183
2026	31	0	0	0	31	0	0	0	0	31	189
2027	31	0	0	0	31	0	0	0	0	31	194
2028	32	0	0	0	32	0	0	0	0	32	199
2029	33	0	0	0	33	0	0	0	0	33	204

NOM	669	0	19	0	687	171	0	0	171	516
NPV	278	0	11	0	290	86	0	0	86	204

In Service of Gen Unit: 2010
 Discount Rate: 7.93 %
 Benefit/Cost Ratio (Col(6) / Col(10)) 3.39

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RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: ██████████

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) INCENTIVES \$(000)	(5) REVENUE LOSSES \$(000)	(6) OTHER COSTS \$(000)	(7) TOTAL COSTS \$(000)	(8) AVOIDED GEN UNIT & FUEL BENEFITS \$(000)	(9) AVOIDED T&D BENEFITS \$(000)	(10) REVENUE GAINS \$(000)	(11) OTHER BENEFITS \$(000)	(12) TOTAL BENEFITS \$(000)	(13) NET BENEFITS \$(000)	(14) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2004	0	3	9	12	0	24	11	0	0	0	11	(13)	(13)
2005	0	0	0	23	0	23	19	2	0	0	22	(1)	(14)
2006	0	0	0	23	0	23	19	2	0	0	21	(2)	(16)
2007	0	0	0	23	0	23	19	2	0	0	21	(2)	(17)
2008	0	0	0	23	0	23	18	2	0	0	21	(2)	(19)
2009	0	0	0	23	0	23	19	2	0	0	21	(2)	(20)
2010	0	0	0	23	0	23	28	2	0	0	30	?	(16)
2011	0	0	0	24	0	24	26	0	0	0	29	5	(13)
2012	0	0	0	24	0	24	29	2	0	0	31	7	(9)
2013	0	0	0	24	0	24	31	2	0	0	33	9	(5)
2014	0	0	0	24	0	24	31	2	0	0	33	9	(1)
2015	0	0	0	24	0	24	33	2	0	0	35	10	4
2016	0	0	0	25	0	25	33	2	0	0	35	10	8
2017	0	0	0	25	0	25	28	2	0	0	30	5	10
2018	0	0	0	25	0	25	27	2	0	0	29	3	11
2019	0	0	0	26	0	26	33	2	0	0	35	9	14
2020	0	0	0	27	0	27	36	2	0	0	38	11	17
2021	0	0	0	27	0	27	37	2	0	0	39	12	20
2022	0	0	0	28	0	28	36	2	0	0	37	9	23
2023	0	0	0	29	0	29	29	2	0	0	30	2	23
2024	0	4	9	29	0	43	30	2	0	0	32	(11)	21
2025	0	0	0	30	0	30	31	2	0	0	33	3	21
2026	0	0	0	31	0	31	32	2	0	0	34	3	22
2027	0	0	0	31	0	31	33	2	0	0	35	3	22
2028	0	0	0	32	0	32	34	2	0	0	36	4	23
2029	0	0	0	33	0	33	36	2	0	0	37	4	24

NOM.	0	7	19	669	0	694	740	46	0	0	786	92
NPV	0	3	11	278	0	293	295	21	0	0	317	24

Discount Rate 7.93 %
Benefit/Cost Ratio (Col(12) / Col(7)) : 1.08

Docket No. 060002-EG
 Exhibit No. _____
 Florida Power & Light Co.
 (KG-1)
 Schedule CT-6
 Page 26 of 58

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	56.89 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	76.72 KW
(3) KW LINE LOSS PERCENTAGE	9.53 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	43,387.09 kWh
(5) KWH LINE LOSS PERCENTAGE	7.43 %
(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	26 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.65516
(5) K FACTOR FOR T & D	1.65761

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	7.93 %
^ (11) UTILITY AFUDC RATE	7.84 %
o (12) UTILITY NON RECURRING REBATE/INCENTIVE	*** \$/CUST
o (13) UTILITY RECURRING REBATE/INCENTIVE	*** \$/CUST
^ (14) UTILITY REBATE/INCENTIVE ESCALATION RATE	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2004
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2010
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2007-2010
(4) BASE YEAR AVOIDED GENERATING COST	485.29 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	84.37 \$/kW
(6) BASE YEAR DISTRIBUTION COST	23.05 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	27.78 \$/KWYR
(9) GENERATOR FIXED O&M ESCALATION RATE	4.24 %**
(10) TRANSMISSION FIXED O & M COST	2.47 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.43 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	4.24 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.018 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1.88 %**
(15) GENERATOR CAPACITY FACTOR	47% ** (in-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.70 CENTS PER kWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	3.14 %**

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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CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: ██████████

(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)
2010	49	2	0	3	2	0	2	0	8	8	8	48
2011	47	1	0	3	1	1	2	1	9	9	17	49
2012	45	1	0	3	1	1	2	1	9	8	25	51
2013	42	1	0	3	1	1	2	0	9	7	31	52
2014	40	1	0	2	1	1	2	0	8	6	37	54
2015	38	1	0	2	1	1	2	0	8	5	43	56
2016	35	1	0	2	1	1	2	0	8	5	48	57
2017	33	1	0	2	1	1	2	0	7	4	52	59
2018	31	1	0	2	1	1	2	0	7	4	56	61
2019	29	1	0	2	1	1	2	0	7	3	59	63
2020	27	1	0	2	1	1	2	0	6	3	62	64
2021	25	1	0	2	1	1	2	0	6	3	64	66
2022	23	1	0	1	1	1	2	0	6	2	67	68
2023	21	1	0	1	1	0	2	0	5	2	69	70
2024	19	1	0	1	1	0	2	0	5	2	71	73
2025	17	1	0	1	1	0	2	0	5	2	72	75
2026	15	0	0	1	1	0	2	0	5	1	73	77
2027	13	0	0	1	0	0	2	0	4	1	75	79
2028	11	0	0	1	0	0	2	0	4	1	76	82
2029	9	0	0	1	0	0	2	0	4	1	77	84
2030	7	0	0	0	1	0	2	(0)	3	1	77	87
2031	5	0	0	0	1	0	2	(1)	3	1	78	89
2032	4	0	0	0	1	0	2	(1)	3	1	78	92
2033	2	0	0	0	1	0	2	(1)	3	0	79	95
2034	1	0	0	0	1	0	2	(1)	3	0	79	97

IN SERVICE COST (\$000)	48
IN SERVICE YEAR	2010
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.575
DISCOUNT RATE	7.9%
PROPERTY TAX	2.055%
PROPERTY INSURANCE	0.39%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	%
DEBT	45%	6.80	%
P/S	0%	0.00	%
C/S	55%	11.00	%

K-FACTOR = CPWFC / IN-SVC COST = 1.65516

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_RBQ
PROGRAM NAME: ██████████

(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%	2	2	2	2	2	2	0	4	0	0	0	0	(1)
2011	7.22%	3	5	2	4	2	4	1	4	0	0	0	1	(1)
2012	6.68%	3	8	2	6	2	5	1	4	0	0	0	1	0
2013	6.18%	3	11	2	8	2	7	0	4	0	0	0	0	0
2014	5.71%	3	14	2	10	2	9	0	4	0	0	0	0	1
2015	5.29%	2	16	2	12	2	11	0	4	0	0	0	0	1
2016	4.89%	2	19	2	13	2	12	0	4	0	0	0	0	1
2017	4.52%	2	21	2	15	2	14	0	4	0	0	0	0	1
2018	4.46%	2	23	2	17	2	16	0	4	0	0	0	0	2
2019	4.46%	2	25	2	19	2	18	0	4	0	0	0	0	2
2020	4.46%	2	27	2	21	2	19	0	4	0	0	0	0	2
2021	4.46%	2	29	2	23	2	21	0	4	0	0	0	0	2
2022	4.46%	2	31	2	25	2	23	0	4	0	0	0	0	2
2023	4.46%	2	33	2	27	2	25	0	4	0	0	0	0	2
2024	4.46%	2	35	2	29	2	26	0	4	0	0	0	0	2
2025	4.46%	2	38	2	31	2	28	0	4	0	0	0	0	2
2026	4.46%	2	40	2	33	2	30	0	4	0	0	0	0	3
2027	4.46%	2	42	2	35	2	32	0	4	0	0	0	0	3
2028	4.46%	2	44	2	36	2	33	0	4	0	0	0	0	3
2029	4.46%	2	46	2	38	2	35	0	4	0	0	0	0	3
2030	2.23%	1	47	2	40	2	37	(0)	4	0	0	0	(0)	3
2031	0.00%	0	47	2	42	2	39	(1)	4	0	0	0	(1)	2
2032	0.00%	0	47	2	44	2	40	(1)	4	0	0	0	(1)	1
2033	0.00%	0	47	2	46	2	42	(1)	4	0	0	0	(1)	1
2034	0.00%	0	47	2	48	2	44	(1)	4	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	4
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

(1)	(2)	(3)	(4)	(5)	(5a)	(5b)	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFFERED TAX \$(000)	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)
2010		3.75%	2	48	2	(1)	49	47	48
2011		7.22%	3	46	4	(1)	47	45	46
2012		6.88%	3	44	6	0	45	42	43
2013		6.18%	3	42	8	0	42	40	41
2014		5.71%	3	40	10	1	40	38	39
2015		5.29%	2	38	12	1	38	35	36
2016		4.89%	2	36	13	1	35	33	34
2017		4.52%	2	35	15	1	33	31	32
2018		4.16%	2	33	17	2	31	29	30
2019		4.69%	2	31	19	2	29	27	28
2020		4.69%	2	29	21	2	27	25	26
2021		4.69%	2	27	23	2	25	23	24
2022		4.69%	2	25	25	2	23	21	22
2023		4.69%	2	23	27	2	21	19	20
2024		4.69%	2	21	29	2	19	17	18
2025		4.69%	2	19	31	2	17	15	16
2026		4.69%	2	17	33	3	15	13	14
2027		4.69%	2	15	35	3	13	11	12
2028		4.69%	2	13	36	3	11	9	10
2029		4.69%	2	12	38	3	9	7	8
2030		2.23%	1	10	40	3	7	5	6
2031		0.00%	0	8	42	2	5	4	4
2032		0.00%	0	6	44	1	4	3	3
2033		0.00%	0	4	46	1	3	2	2
2034		0.00%	0	2	48	0	2	1	1

* Column not specified in workbook

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3
3

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (CkWh)	(5) AVOIDED MARGINAL FUEL COST (CkWh)	(6)* INCREASED MARGINAL FUEL COST (CkWh)	(7) REPLACEMENT FUEL COST (CkWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KWH EFFECTIVENESS FACTOR
2004	0	0	4.22	5.34	4.38	0.00	1.00	1.00
2005	1	1	3.88	4.75	4.03	0.00	1.00	1.00
2006	1	1	3.77	4.83	3.92	0.00	1.00	1.00
2007	1	1	3.71	4.63	3.84	0.00	1.00	1.00
2008	1	1	3.66	4.69	3.80	0.00	1.00	1.00
2009	1	1	3.79	4.85	3.92	0.00	1.00	1.00
2010	1	1	3.90	4.81	4.05	5.14	1.00	1.00
2011	1	1	4.17	5.05	4.30	5.31	1.00	1.00
2012	1	1	4.18	5.17	4.30	4.92	1.00	1.00
2013	1	1	4.31	5.43	4.43	4.83	1.00	1.00
2014	1	1	4.39	5.58	4.52	4.91	1.00	1.00
2015	1	1	4.55	5.88	4.68	4.98	1.00	1.00
2016	1	1	4.69	6.04	4.81	5.27	1.00	1.00
2017	1	1	4.77	6.13	4.90	6.18	1.00	1.00
2018	1	1	4.92	6.32	5.05	6.59	1.00	1.00
2019	1	1	5.06	6.43	5.18	5.84	1.00	1.00
2020	1	1	5.16	6.74	5.29	5.71	1.00	1.00
2021	1	1	5.26	6.87	5.39	5.71	1.00	1.00
2022	1	1	5.50	7.22	5.63	6.49	1.00	1.00
2023	1	1	5.57	7.36	5.70	7.93	1.00	1.00
2024	1	1	5.66	7.50	5.79	8.04	1.00	1.00
2025	1	1	5.76	7.65	5.88	8.15	1.00	1.00
2026	1	1	5.87	7.80	5.98	8.26	1.00	1.00
2027	1	1	5.97	7.94	6.07	8.37	1.00	1.00
2028	1	1	6.07	8.12	6.17	8.49	1.00	1.00
2029	1	1	6.18	8.28	6.27	8.60	1.00	1.00

* 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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AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: ██████████

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)
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	8	3	0	12	16	7
2011	9	3	0	20	28	4
2012	9	3	0	20	26	7
2013	9	3	0	21	26	7
2014	8	3	0	22	26	7
2015	8	3	0	22	26	8
2016	8	4	0	24	27	7
2017	7	4	0	24	31	3
2018	7	4	0	24	33	2
2019	7	4	0	25	29	7
2020	6	4	0	25	28	8
2021	6	4	0	26	28	9
2022	6	5	0	28	32	6
2023	5	5	0	26	35	1
2024	5	5	0	26	35	2
2025	5	5	0	27	35	2
2026	5	5	0	27	34	3
2027	4	6	0	27	34	3
2028	4	6	0	27	34	4
2029	4	6	0	28	33	4

NOM	130	85	3	480	595	102
NPV	48	26	1	152	189	38

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

(1) YEAR	(2) AVOIDED TRANSMISSION CAP COST \$(000)	(3) AVOIDED TRANSMISSION O&M COST \$(000)	(4) TOTAL AVOIDED TRANSMISSION COST \$(000)	(5) AVOIDED DISTRIBUTION CAP COST \$(000)	(6) AVOIDED DISTRIBUTION O&M COST \$(000)	(7) TOTAL AVOIDED DISTRIBUTION COST \$(000)	(8) PROGRAM FUEL SAVINGS \$(000)	(8a)* PROGRAM OFF-PEAK PAYBACK \$(000)
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	1	0
2006	1	0	1	0	0	0	2	0
2007	1	0	1	0	0	0	2	0
2008	1	0	1	0	0	0	2	0
2009	1	0	1	0	0	0	2	0
2010	1	0	1	0	0	0	2	0
2011	1	0	1	0	0	0	2	0
2012	1	0	1	0	0	0	2	0
2013	1	0	1	0	0	0	3	0
2014	1	0	1	0	0	0	3	0
2015	1	0	1	0	0	0	3	0
2016	1	0	1	0	0	0	3	0
2017	1	0	1	0	0	0	3	0
2018	1	0	1	0	0	0	3	0
2019	1	0	1	0	0	0	3	0
2020	1	0	1	0	0	0	3	0
2021	1	0	1	0	0	0	3	0
2022	1	0	1	0	0	0	3	0
2023	1	0	1	0	0	0	3	0
2024	1	0	1	0	0	0	4	0
2025	0	0	1	0	0	0	4	0
2026	0	0	1	0	0	0	4	0
2027	0	1	1	0	0	0	4	0
2028	0	1	1	0	0	0	4	0
2029	0	1	1	0	0	0	4	0

NOM.	19	8	27	4	4	7	72	0
NPV	9	3	12	2	1	3	27	0

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

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: _____

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2004	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	37	0	38	0	0	1	0	1	(37)	(34)
2006	0	0	0	0	0	0	2	2	0	4	4	(31)
2007	0	0	0	0	0	0	2	2	0	4	4	(28)
2008	0	0	0	0	0	0	2	2	0	4	4	(25)
2009	0	0	0	0	0	0	2	2	0	4	4	(23)
2010	0	0	0	0	0	7	2	2	0	10	10	(16)
2011	0	0	0	0	0	4	2	2	0	8	8	(11)
2012	0	0	0	0	0	7	2	3	0	10	10	(5)
2013	0	0	0	0	0	7	2	3	0	11	11	1
2014	0	0	0	0	0	8	2	3	0	12	12	6
2015	0	0	0	0	0	7	1	3	0	12	12	16
2016	0	0	0	0	0	7	1	3	0	12	12	16
2017	0	0	0	0	0	3	1	3	0	8	8	19
2018	0	0	0	0	0	2	1	3	0	6	6	21
2019	0	0	0	0	0	7	1	3	0	11	11	24
2020	0	0	0	0	0	8	1	3	0	13	13	28
2021	0	0	0	0	0	9	1	3	0	13	13	32
2022	0	0	0	0	0	6	1	3	0	11	11	35
2023	0	0	0	0	0	1	1	3	0	6	6	36
2024	0	0	0	0	0	2	1	4	0	7	7	38
2025	0	1	67	0	69	2	1	4	0	7	7	41
2026	0	0	0	0	0	3	1	4	0	8	8	45
2027	0	0	0	0	0	3	1	4	0	8	8	49
2028	0	0	0	0	0	4	1	4	0	9	9	53
2029	0	0	0	0	0	4	1	4	0	10	10	57
NOM	0	2	105	0	107	102	35	72	0	209	103	
NPV	0	1	48	0	49	38	15	27	0	80	31	

Discount Rate: 7.25 %

Benefit/Cost Ratio (Col(11)/Col(5)): 1.63

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PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: RSV_REQ
PROGRAM NAME: ██████████

(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)
2004	0	0	0	0	0	0	0	0	0	0	0
2005	4	0	10	0	13	37	0	0	37	(24)	(23)
2006	7	0	0	0	7	0	0	0	0	7	(16)
2007	7	0	0	0	7	0	0	0	0	7	(10)
2008	7	0	0	0	7	0	0	0	0	7	(5)
2009	7	0	0	0	7	0	0	0	0	7	(0)
2010	7	0	0	0	7	0	0	0	0	7	4
2011	7	0	0	0	7	0	0	0	0	7	9
2012	7	0	0	0	7	0	0	0	0	7	12
2013	7	0	0	0	7	0	0	0	0	7	16
2014	7	0	0	0	7	0	0	0	0	7	19
2015	7	0	0	0	7	0	0	0	0	7	22
2016	7	0	0	0	7	0	0	0	0	7	25
2017	7	0	0	0	7	0	0	0	0	7	28
2018	7	0	0	0	7	0	0	0	0	7	30
2019	7	0	0	0	7	0	0	0	0	7	32
2020	7	0	0	0	7	0	0	0	0	7	34
2021	7	0	0	0	7	0	0	0	0	7	36
2022	7	0	0	0	7	0	0	0	0	7	38
2023	8	0	0	0	8	0	0	0	0	8	40
2024	8	0	0	0	8	0	0	0	0	8	42
2025	8	0	10	0	17	67	0	0	67	(50)	32
2026	8	0	0	0	8	0	0	0	0	8	23
2027	8	0	0	0	8	0	0	0	0	8	35
2028	8	0	0	0	8	0	0	0	0	8	36
2029	8	0	0	0	8	0	0	0	0	8	37

NOM	181	0	19	0	200	105	0	0	105	95
NPV	75	0	11	0	85	48	0	0	48	37

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

2010
7.93 %
1.77

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RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	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)
2004	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	1	10	3	0	14	1	0	0	0	1	(13)	(12)
2006	0	0	0	7	0	7	2	2	0	0	4	(3)	(14)
2007	0	0	0	7	0	7	2	2	0	0	4	(3)	(16)
2008	0	0	0	7	0	7	2	2	0	0	4	(3)	(18)
2009	0	0	0	7	0	7	2	2	0	0	4	(3)	(20)
2010	0	0	0	6	0	6	9	2	0	0	10	4	(17)
2011	0	0	0	6	0	6	7	2	0	0	8	2	(16)
2012	0	0	0	6	0	6	9	2	0	0	10	4	(14)
2013	0	0	0	6	0	6	10	2	0	0	11	5	(12)
2014	0	0	0	6	0	6	10	2	0	0	11	5	(9)
2015	0	0	0	6	0	6	11	1	0	0	12	6	(7)
2016	0	0	0	6	0	6	10	1	0	0	12	5	(4)
2017	0	0	0	6	0	6	6	1	0	0	8	2	(4)
2018	0	0	0	6	0	6	5	1	0	0	6	0	(4)
2019	0	0	0	6	0	6	10	1	0	0	11	5	(2)
2020	0	0	0	6	0	6	11	1	0	0	13	6	(1)
2021	0	0	0	7	0	7	12	1	0	0	13	7	1
2022	0	0	0	7	0	7	10	1	0	0	11	5	2
2023	0	0	0	7	0	7	5	1	0	0	6	(1)	2
2024	0	0	0	7	0	7	5	1	0	0	7	(0)	2
2025	0	1	10	7	0	18	6	1	0	0	7	(11)	0
2026	0	0	0	7	0	7	6	1	0	0	8	1	0
2027	0	0	0	7	0	7	7	1	0	0	8	1	0
2028	0	0	0	7	0	7	8	1	0	0	9	2	1
2029	0	0	0	7	0	7	8	1	0	0	10	2	1

NOM.	0	2	19	163	0	184	174	35	0	0	209	25
NPV	0	1	11	67	0	79	65	15	0	0	80	1

Discount Rate 7.93 %
Benefit/Cost Ratio (Col(12) / Col(7)) : 1.01

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

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	683.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	921.03 KW
(3) KW LINE LOSS PERCENTAGE	9.53 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	1,384,472.29 kWh
(5) KWH LINE LOSS PERCENTAGE	7.43 %
(6) GROUP LINE LOSS MULTIPLIER	1.02
(7) CUSTOMER KWH INCREASE AT METER	9.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	26 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.65516
(5) K FACTOR FOR T & D	1.65761

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	7.93 %
(11) UTILITY AFUDC RATE	7.84 %
(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	2004
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2010
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2007-2010
(4) BASE YEAR AVOIDED GENERATING COST	485.29 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	0.00 \$/kW
(6) BASE YEAR DISTRIBUTION COST	0.00 \$/kW
(7) GRN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	27.78 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	4.24 %**
(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	4.24 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.018 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1.88 %**
(15) GENERATOR CAPACITY FACTOR	47% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.70 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	3.14 %**

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

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)
2004	0	0	0	0	0	0	0	0	0	
2005	3	170	0	173	23	14	368	0	368	
2006	0	0	0	0	46	25	0	0	0	
2007	0	0	0	0	46	24	0	0	0	
2008	0	0	0	0	47	24	0	0	0	
2009	0	0	0	0	47	23	0	0	0	
2010	0	0	0	0	49	29	0	0	0	
2011	0	0	0	0	51	26	0	0	0	
2012	0	0	0	0	52	26	0	0	0	
2013	0	0	0	0	53	25	0	0	0	
2014	0	0	0	0	53	25	0	0	0	
2015	0	0	0	0	54	24	0	0	0	
2016	0	0	0	0	55	23	0	0	0	
2017	0	0	0	0	56	23	0	0	0	
2018	0	0	0	0	57	23	0	0	0	
2019	0	0	0	0	59	22	0	0	0	
2020	0	0	0	0	60	22	0	0	0	
2021	0	0	0	0	61	22	0	0	0	
2022	0	0	0	0	63	21	0	0	0	
2023	0	0	0	0	64	21	0	0	0	
2024	0	0	0	0	66	20	0	0	0	
2025	4	170	0	174	67	19	660	0	660	
2026	0	0	0	0	69	18	0	0	0	
2027	0	0	0	0	71	17	0	0	0	
2028	0	0	0	0	72	16	0	0	0	
2029	0	0	0	0	74	15	0	0	0	

NOM	7	340	0	347	1,415	1,291	1,028	0	0	1,028
NPV	3	192	0	195	549	474	474	0	0	474

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

1-AM

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: ██████████

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
BEG-YEAR	RATE BASE	DEBT	PREFERRED	COMMON	INCOME	PROPERTY	PROPERTY	DEPRIC.	DEFERRED	TOTAL	PRESENT	CUMULATIVE	REPLACEMENT
YEAR	\$ (000)	\$ (000)	STOCK	EQUITY	TAXES	TAX	INSURANCE	\$ (000)	TAXES	FIXED	WORTH	PW FIXED	COST BASIS
			\$ (000)	\$ (000)	\$ (000)	\$ (000)	\$ (000)		\$ (000)	CHARGES	FIXED	CHARGES	FOR
										\$ (000)	\$ (000)	\$ (000)	PROPERTY INSURANCE
													\$ (000)
2010	590	18	0	36	24	0	0	23	0	100	100	100	576
2011	567	17	0	34	15	11	2	23	8	111	103	203	593
2012	536	16	0	32	15	11	2	23	6	107	92	295	611
2013	507	16	0	31	15	10	2	23	5	102	81	376	629
2014	478	15	0	29	15	10	3	23	4	98	73	449	648
2015	451	14	0	27	15	9	3	23	3	94	65	513	667
2016	425	13	0	26	15	9	3	23	2	91	57	571	687
2017	399	12	0	24	15	8	3	23	2	87	51	622	708
2018	374	11	0	23	14	8	3	23	2	83	45	667	729
2019	350	11	0	21	13	8	3	23	2	80	40	707	751
2020	325	10	0	20	12	7	3	23	2	76	36	743	774
2021	301	9	0	18	11	7	3	23	2	73	31	774	797
2022	276	8	0	17	10	6	3	23	2	69	28	802	821
2023	251	8	0	15	9	6	3	23	2	66	24	826	845
2024	227	7	0	14	8	5	3	23	2	62	21	847	871
2025	202	6	0	12	7	5	3	23	2	59	19	866	897
2026	178	5	0	11	6	4	4	23	2	55	16	882	924
2027	153	5	0	9	5	4	4	23	2	51	14	896	952
2028	128	4	0	8	5	3	4	23	2	48	12	908	980
2029	104	3	0	6	4	3	4	23	2	44	10	919	1,009
2030	79	2	0	5	8	2	4	23	(3)	41	9	928	1,040
2031	60	2	0	4	12	2	4	23	(8)	38	8	935	1,071
2032	45	1	0	3	11	1	4	23	(8)	36	7	942	1,103
2033	30	1	0	2	10	1	4	23	(8)	33	6	948	1,136
2034	15	0	0	1	10	0	5	23	(8)	31	5	953	1,170

IN SERVICE COST (\$000)	576
IN SERVICE YEAR	2010
BOOK LIFE (YRS)	25
EFFEC. TAX RATE	38.575
DISCOUNT RATE	7.5%
PROPERTY TAX	2.85%
PROPERTY INSURANCE	0.39%

CAPITAL STRUCTURE

SOURCE	WIGHT	COST
DEBT	45%	6.80 %
P/S	0%	0.00 %
C/S	55%	11.00 %

K-FACTOR = CPWFC / IN-SVC COST = 1.65516

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
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 LIFE	(10)*(11) TAX RATE \$(000)	SALVAGE TAX RATE \$(000)	ANNUAL DEFERRED TAX \$(9)-(12)+(13) \$(000)	ACCUMULATED DEFERRED TAX \$(000)
2010	3.75%	21	21	23	23	21	21	0	48	0	0	0	0	(14)
2011	7.22%	41	62	23	46	21	42	8	48	0	0	0	8	(6)
2012	6.58%	38	100	23	69	21	63	6	48	0	0	0	6	0
2013	6.18%	35	134	23	92	21	84	5	48	0	0	0	5	5
2014	5.71%	32	167	23	115	21	106	4	48	0	0	0	4	10
2015	5.22%	30	196	23	138	21	127	3	48	0	0	0	3	13
2016	4.89%	28	224	23	161	21	148	2	48	0	0	0	2	15
2017	4.52%	26	249	23	184	21	169	2	48	0	0	0	2	17
2018	4.46%	25	275	23	207	21	190	2	48	0	0	0	2	19
2019	4.46%	25	300	23	230	21	211	2	48	0	0	0	2	20
2020	4.46%	25	325	23	253	21	232	2	48	0	0	0	2	22
2021	4.46%	25	350	23	276	21	253	2	48	0	0	0	2	23
2022	4.46%	25	375	23	299	21	275	2	48	0	0	0	2	25
2023	4.46%	25	400	23	322	21	296	2	48	0	0	0	2	27
2024	4.46%	25	426	23	345	21	317	2	48	0	0	0	2	28
2025	4.46%	25	451	23	368	21	338	2	48	0	0	0	2	30
2026	4.46%	25	476	23	391	21	359	2	48	0	0	0	2	31
2027	4.46%	25	501	23	414	21	380	2	48	0	0	0	2	33
2028	4.46%	25	526	23	438	21	401	2	48	0	0	0	2	34
2029	4.46%	25	551	23	461	21	422	2	48	0	0	0	2	36
2030	2.23%	13	564	23	484	21	443	(3)	48	0	0	0	(3)	33
2031	0.00%	0	564	23	507	21	465	(8)	48	0	0	0	(8)	24
2032	0.00%	0	564	23	530	21	486	(8)	48	0	0	0	(8)	16
2033	0.00%	0	564	23	553	21	507	(8)	48	0	0	0	(8)	8
2034	0.00%	0	564	23	576	21	528	(8)	48	0	0	0	(8)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(14)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	48
BOOK DEPR RATE - USEFUL LIFE	4.00%

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

(1)	(2)	(3)	(4)	(5) END OF YEAR	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	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)
2010	3.75%	21	0	576	23	(14)	590	567	578
2011	7.22%	41	8	553	46	(6)	567	536	551
2012	6.68%	38	6	530	69	0	536	507	521
2013	6.18%	35	5	507	92	5	507	478	492
2014	5.71%	32	4	484	115	10	478	451	465
2015	5.29%	30	3	461	138	13	451	425	438
2016	4.89%	28	2	438	161	15	425	399	412
2017	4.52%	26	2	414	184	17	399	374	387
2018	4.46%	25	2	391	207	19	374	350	362
2019	4.46%	25	2	368	230	20	350	325	337
2020	4.46%	25	2	345	253	22	325	301	313
2021	4.46%	25	2	322	276	23	301	276	288
2022	4.46%	25	2	299	299	25	276	251	264
2023	4.46%	25	2	276	322	27	251	227	239
2024	4.46%	25	2	253	345	28	227	202	214
2025	4.46%	25	2	230	368	30	202	178	190
2026	4.46%	25	2	207	391	31	178	153	165
2027	4.46%	25	2	184	414	33	153	128	141
2028	4.46%	25	2	161	438	34	128	104	116
2029	4.46%	25	2	138	461	36	104	79	92
2030	2.23%	13	(3)	115	484	33	79	60	69
2031	0.00%	0	(8)	92	507	24	60	45	52
2032	0.00%	0	(8)	69	530	16	45	30	37
2033	0.00%	0	(8)	46	553	8	30	15	22
2034	0.00%	0	(8)	23	576	0	15	0	7

* Column not specified in workbook

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INPUT DATA -- PART 2
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(5)*	(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
2004	0	0	4.22	5.16	4.52	0.00	1.00	1.00
2005	1	1	3.88	4.69	4.15	0.00	1.00	1.00
2006	1	1	3.77	4.68	4.04	0.00	1.00	1.00
2007	1	1	3.71	4.52	3.96	0.00	1.00	1.00
2008	1	1	3.66	4.61	3.92	0.00	1.00	1.00
2009	1	1	3.79	4.77	4.05	0.00	1.00	1.00
2010	1	1	3.90	4.72	4.14	5.14	1.00	1.00
2011	1	1	4.17	4.99	4.42	5.31	1.00	1.00
2012	1	1	4.18	5.11	4.41	4.92	1.00	1.00
2013	1	1	4.31	5.31	4.56	4.83	1.00	1.00
2014	1	1	4.39	5.43	4.64	4.91	1.00	1.00
2015	1	1	4.55	5.71	4.81	4.98	1.00	1.00
2016	1	1	4.69	5.86	4.94	5.27	1.00	1.00
2017	1	1	4.77	5.97	5.03	6.18	1.00	1.00
2018	1	1	4.92	6.19	5.18	6.39	1.00	1.00
2019	1	1	5.06	6.35	5.31	5.84	1.00	1.00
2020	1	1	5.16	6.54	5.43	5.71	1.00	1.00
2021	1	1	5.26	6.67	5.52	5.71	1.00	1.00
2022	1	1	5.50	6.98	5.77	6.49	1.00	1.00
2023	1	1	5.57	6.90	5.83	7.93	1.00	1.00
2024	1	1	5.66	6.97	5.92	8.04	1.00	1.00
2025	1	1	5.76	7.05	6.01	8.15	1.00	1.00
2026	1	1	5.87	7.12	6.10	8.26	1.00	1.00
2027	1	1	5.97	7.28	6.20	8.37	1.00	1.00
2028	1	1	6.07	7.27	6.29	8.49	1.00	1.00
2029	1	1	6.18	7.35	6.39	8.60	1.00	1.00

* 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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AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
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)
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	100	33	1	139	193	80
2011	111	34	1	238	332	53
2012	107	36	1	246	312	78
2013	103	37	1	252	306	86
2014	98	39	1	260	311	88
2015	94	41	1	265	308	95
2016	91	43	2	283	329	88
2017	87	45	2	283	374	42
2018	83	46	2	289	395	25
2019	80	49	2	299	351	79
2020	76	51	2	306	337	97
2021	73	53	2	308	331	105
2022	69	55	2	331	380	78
2023	66	58	2	312	423	15
2024	62	60	2	316	419	21
2025	59	63	2	319	415	27
2026	55	66	2	322	412	33
2027	51	69	2	326	408	40
2028	48	72	2	329	404	46
2029	44	75	2	333	401	53

NGM	1,557	1,024	31	5,759	7,143	1,728
NPV	581	309	10	1,820	2,268	452

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AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ

(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)
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	34	0
2006	0	0	0	0	0	0	69	0
2007	0	0	0	0	0	0	66	0
2008	0	0	0	0	0	0	68	0
2009	0	0	0	0	0	0	71	0
2010	0	0	0	0	0	0	69	0
2011	0	0	0	0	0	0	73	0
2012	0	0	0	0	0	0	75	0
2013	0	0	0	0	0	0	78	0
2014	0	0	0	0	0	0	80	0
2015	0	0	0	0	0	0	85	0
2016	0	0	0	0	0	0	87	0
2017	0	0	0	0	0	0	89	0
2018	0	0	0	0	0	0	92	0
2019	0	0	0	0	0	0	94	0
2020	0	0	0	0	0	0	97	0
2021	0	0	0	0	0	0	99	0
2022	0	0	0	0	0	0	104	0
2023	0	0	0	0	0	0	102	0
2024	0	0	0	0	0	0	103	0
2025	0	0	0	0	0	0	104	0
2026	0	0	0	0	0	0	105	0
2027	0	0	0	0	0	0	106	0
2028	0	0	0	0	0	0	107	0
2029	0	0	0	0	0	0	107	0
TOTAL	0	0	0	0	0	0	2,165	0
NPV	0	0	0	0	0	0	REI	0

* 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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TOTAL RESOURCE COST TEST
PROGRAM/METHOD SELECTED: REV_REQ
PROGRAM NAME: [REDACTED]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT PROGRAM COSTS \$(000)	OTHER COSTS \$(000)	TOTAL COSTS \$(000)	AVOIDED GEN UNIT BENEFITS \$(000)	AVOIDED T&D BENEFITS \$(000)	PROGRAM FUEL SAVINGS \$(000)	OTHER BENEFITS \$(000)	TOTAL BENEFITS \$(000)	NET BENEFITS \$(000)	CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2004	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	3	368	0	370	0	0	34	0	34	(336)	(311)
2006	0	0	0	0	0	0	0	69	0	69	69	(252)
2007	0	0	0	0	0	0	0	66	0	66	66	(199)
2008	0	0	0	0	0	0	0	68	0	68	68	(149)
2009	0	0	0	0	0	0	0	71	0	71	71	(100)
2010	0	0	0	0	0	80	0	69	0	149	149	(6)
2011	0	0	0	0	0	53	0	73	0	126	126	68
2012	0	0	0	0	0	78	0	75	0	153	153	151
2013	0	0	0	0	0	86	0	78	0	165	165	234
2014	0	0	0	0	0	88	0	80	0	168	168	312
2015	0	0	0	0	0	95	0	85	0	180	180	390
2016	0	0	0	0	0	88	0	87	0	175	175	460
2017	0	0	0	0	0	42	0	89	0	131	131	508
2018	0	0	0	0	0	25	0	92	0	117	117	549
2019	0	0	0	0	0	79	0	94	0	173	173	603
2020	0	0	0	0	0	97	0	97	0	194	194	661
2021	0	0	0	0	0	105	0	99	0	204	204	717
2022	0	0	0	0	0	78	0	104	0	181	181	763
2023	0	0	0	0	0	15	0	102	0	117	117	790
2024	0	0	0	0	0	21	0	103	0	123	123	817
2025	0	4	660	0	664	27	0	104	0	131	(534)	709
2026	0	0	0	0	0	33	0	105	0	138	138	735
2027	0	0	0	0	0	40	0	106	0	145	145	760
2028	0	0	0	0	0	46	0	107	0	153	153	785
2029	0	0	0	0	0	53	0	107	0	161	161	809

NOM	0	7	1,028	0	1,035	1,228	0	2,165	0	3,393	2,359
NPV	0	3	474	0	477	432	0	833	0	1,286	809

Discount Rate: 7.93 %
Benefit/Cost Ratio (Col(11) / Col(6)) : 2.69

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PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: ██████████

(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)
2004	0	0	0	0	0	0	0	0	0	0	0
2005	44	0	170	0	214	368	0	0	368	(154)	(143)
2006	87	0	0	0	87	0	0	0	0	87	(68)
2007	85	0	0	0	85	0	0	0	0	85	(9)
2008	86	0	0	0	86	0	0	0	0	86	64
2009	87	0	0	0	87	0	0	0	0	87	123
2010	125	0	0	0	125	0	0	0	0	125	202
2011	125	0	0	0	125	0	0	0	0	125	275
2012	126	0	0	0	126	0	0	0	0	126	344
2013	127	0	0	0	127	0	0	0	0	127	408
2014	127	0	0	0	127	0	0	0	0	127	467
2015	127	0	0	0	127	0	0	0	0	127	522
2016	127	0	0	0	127	0	0	0	0	127	573
2017	128	0	0	0	128	0	0	0	0	128	621
2018	131	0	0	0	131	0	0	0	0	131	666
2019	134	0	0	0	134	0	0	0	0	134	708
2020	137	0	0	0	137	0	0	0	0	137	749
2021	141	0	0	0	141	0	0	0	0	141	787
2022	144	0	0	0	144	0	0	0	0	144	824
2023	148	0	0	0	148	0	0	0	0	148	859
2024	151	0	0	0	151	0	0	0	0	151	891
2025	155	0	170	0	325	660	0	0	660	(335)	824
2026	159	0	0	0	159	0	0	0	0	159	854
2027	163	0	0	0	163	0	0	0	0	163	882
2028	167	0	0	0	167	0	0	0	0	167	908
2029	171	0	0	0	171	0	0	0	0	171	934

NOM	3,203	0	340	0	3,543	1,028	0	0	1,028	2,516
NPV	1,216	0	192	0	1,408	474	0	0	474	934

In Service of Gen Unit:

Discount Rate :

Benefit/Cost Ratio (Col(6) / Col(10))

2010

7.93 %

2.97

RATE IMPACT TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
YEAR	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)
2004	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	3	170	36	0	209	34	0	0	0	34	(174)	(161)
2006	0	0	0	71	0	71	69	0	0	0	69	(2)	(163)
2007	0	0	0	69	0	69	66	0	0	0	66	(3)	(165)
2008	0	0	0	70	0	70	68	0	0	0	68	(2)	(166)
2009	0	0	0	70	0	70	71	0	0	0	71	1	(166)
2010	0	0	0	108	0	108	149	0	0	0	149	41	(140)
2011	0	0	0	107	0	107	126	0	0	0	126	19	(129)
2012	0	0	0	108	0	108	153	0	0	0	153	45	(105)
2013	0	0	0	108	0	108	165	0	0	0	165	56	(76)
2014	0	0	0	108	0	108	168	0	0	0	168	60	(48)
2015	0	0	0	108	0	108	180	0	0	0	180	71	(17)
2016	0	0	0	108	0	108	175	0	0	0	175	67	10
2017	0	0	0	109	0	109	191	0	0	0	191	22	18
2018	0	0	0	111	0	111	117	0	0	0	117	6	20
2019	0	0	0	114	0	114	173	0	0	0	173	59	39
2020	0	0	0	116	0	116	194	0	0	0	194	78	62
2021	0	0	0	119	0	119	204	0	0	0	204	85	85
2022	0	0	0	122	0	122	181	0	0	0	181	59	100
2023	0	0	0	125	0	125	117	0	0	0	117	(9)	98
2024	0	0	0	128	0	128	123	0	0	0	123	(5)	97
2025	0	4	170	131	0	306	131	0	0	0	131	(175)	62
2026	0	0	0	135	0	135	138	0	0	0	138	3	62
2027	0	0	0	138	0	138	145	0	0	0	145	8	64
2028	0	0	0	141	0	141	153	0	0	0	153	12	65
2029	0	0	0	145	0	145	161	0	0	0	161	16	68

NOM.	0	7	340	2,706	0	3,053	3,393	0	0	0	3,393	340
NPV	0	3	192	1,023	0	1,218	1,286	0	0	0	1,286	68

Discount Rate 7.93 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 1.06

1 A Business Energy Evaluation (BEE) was conducted at [REDACTED] on November 9, 1999.
 2 The [REDACTED] experienced a kWh reduction in all but two months of the twelve months following the
 3 BEE. The [REDACTED] also reduced or maintained their kW demand in eleven of the twelve months
 4 following the BEE.

5 The customer's unprompted testimonial of 20% savings as the result of the BEE was taped in
 6 December 2000, following a month in which she'd experienced a 34% reduction in kWh usage
 7 and a 20% reduction in kW demand over that months' figures during the prior year. Overall,
 8 the changes made in the [REDACTED] energy consumption provided consistent energy use reductions
 9 resulting in a 10% reduction in kWh usage and an 8% reduction in average kW demand in the
 10 twelve months following the BEE.

11 The following table compares the twelve month usage before and after BEE:

	A	B	C	D	E	F	G	H	I	J
	Before Conducting BEE			After Conducting BEE			kWh	% kWh	kW	% kW
	Date	kWh	kW	Date	kWh	kW	Difference	Difference	Difference	Difference
12	Dec-98	[REDACTED]	[REDACTED]	Dec-99	[REDACTED]	[REDACTED]	(1,294)	-12%	5	11%
13	Jan-99	[REDACTED]	[REDACTED]	Jan-00	[REDACTED]	[REDACTED]	(234)	-2%	(1)	-2%
14	Feb-99	[REDACTED]	[REDACTED]	Feb-00	[REDACTED]	[REDACTED]	(157)	-2%	(5)	-10%
15	Mar-99	[REDACTED]	[REDACTED]	Mar-00	[REDACTED]	[REDACTED]	629	7%	0	0%
16	Apr-99	[REDACTED]	[REDACTED]	Apr-00	[REDACTED]	[REDACTED]	(30)	0%	0	0%
17	May-99	[REDACTED]	[REDACTED]	May-00	[REDACTED]	[REDACTED]	(2,791)	-25%	(5)	-10%
18	Jun-99	[REDACTED]	[REDACTED]	Jun-00	[REDACTED]	[REDACTED]	(1,109)	-10%	0	0%
19	Jul-99	[REDACTED]	[REDACTED]	Jul-00	[REDACTED]	[REDACTED]	(1,402)	-12%	(5)	-10%
20	Aug-99	[REDACTED]	[REDACTED]	Aug-00	[REDACTED]	[REDACTED]	(1,918)	-16%	(10)	-20%
21	Sep-99	[REDACTED]	[REDACTED]	Sep-00	[REDACTED]	[REDACTED]	(1,872)	-16%	(10)	-20%
22	Oct-99	[REDACTED]	[REDACTED]	Oct-00	[REDACTED]	[REDACTED]	1,002	9%	(5)	-10%
23	Nov-99	[REDACTED]	[REDACTED]	Nov-00	[REDACTED]	[REDACTED]	(3,906)	-34%	(10)	-20%
24	Total kWh						(13,082)	-10%		
25	Avg. Monthly kW								(4)	-8%