

EXHIBIT B

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DOCUMENT NO. DATE
02448-13 5/2/13
FPSC - COMMISSION CLERK

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

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I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER _____ 27.21 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER _____ 36.39664 kW
(3) KW LINE LOSS PERCENTAGE _____ 8.81 %
(4) GENERATOR KW% REDUCTION PER CUSTOMER _____ 297,252.00 kWh
(5) KW% LINE LOSS PERCENTAGE _____ 6.73 %
(6) GROUP LINE LOSS MULTIPLIER _____ 1.00
(7) CUSTOMER KW% 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 _____ 1.58539
(5) K FACTOR FOR T & D _____ 1.44990

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 _____ 837.58 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST _____ 362.99 \$/kW
(6) BASE YEAR DISTRIBUTION COST _____ 81.44 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE _____ 3.00 %**
(8) GENERATOR FIXED O & M COST _____ 98.38 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE _____ 2.50 %**
(10) TRANSMISSION FIXED O & M COST _____ 2.81 \$/kW
(11) DISTRIBUTION FIXED O & M COST _____ 2.07 \$/kW
(12) T&D FIXED O&M ESCALATION RATE _____ 2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS _____ 0.084 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 _____ 8.71 %**

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 _____ *** %

COM _____
AFD _____
APA _____
ECO 1 _____
ENG _____
GCL _____
IDM _____
TEL _____
CLK _____

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1 *INPUT DATA - PART I CONTINUED
 2 PROGRAM METHOD SELECTED: REV REQ
 3 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)
2011	1	5	0	6	8	2	194	0	0	194
2012	0	0	0	0	16	4	0	0	0	0
2013	0	0	0	0	16	4	0	0	0	0
2014	0	0	0	0	17	4	0	0	0	0
2015	0	0	0	0	15	4	0	0	0	0
2016	0	0	0	0	17	4	0	0	0	0
2017	0	0	0	0	18	4	0	0	0	0
2018	0	0	0	0	20	4	0	0	0	0
2019	0	0	0	0	21	4	0	0	0	0
2020	0	0	0	0	22	5	0	0	0	0
2021	0	0	0	0	23	5	0	0	0	0
2022	0	0	0	0	24	5	0	0	0	0
2023	0	0	0	0	24	5	0	0	0	0
2024	0	0	0	0	25	5	0	0	0	0
2025	0	0	0	0	27	4	0	0	0	0
2026	0	0	0	0	28	4	0	0	0	0
2027	0	0	0	0	28	4	0	0	0	0
2028	0	0	0	0	28	4	0	0	0	0
2029	0	0	0	0	29	4	0	0	0	0
2030	0	0	0	0	30	4	0	0	0	0
2031	1	5	0	6	31	4	0	0	0	0
2032	0	0	0	0	32	4	317	0	0	317
2033	0	0	0	0	33	4	0	0	0	0
2034	0	0	0	0	36	4	0	0	0	0
2035	0	0	0	0	38	4	0	0	0	0
2036	0	0	0	0	39	4	0	0	0	0
2037	0	0	0	0	42	5	0	0	0	0
2038	0	0	0	0	44	5	0	0	0	0
2039	0	0	0	0	45	5	0	0	0	0
2040	0	0	0	0	47	5	0	0	0	0
2041	0	0	0	0	49	5	0	0	0	0
2042	0	0	0	0	49	5	0	0	0	0
2043	0	0	0	0	51	5	0	0	0	0
2044	0	0	0	0	53	5	0	0	0	0
2045	0	0	0	0	56	5	0	0	0	0
2046	0	0	0	0	58	5	0	0	0	0
2047	0	0	0	0	61	5	0	0	0	0
2048	0	0	0	0	64	5	0	0	0	0
2049	0	0	0	0	67	5	0	0	0	0
	0	0	0	0	70	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
NOM	1	10	0	12	1,368	171	511	0	0	511
NFV	1	6	0	7	337	56	271	0	0	271

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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

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

YEAR	(2) REG-YEAR RATE BASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2020	42	1	0	2	2	1	0	1	0	7	7	7	41
2021	40	1	0	2	1	1	0	1	1	7	6	14	42
2022	38	1	0	2	1	1	0	1	1	7	6	19	43
2023	36	1	0	2	1	1	0	1	0	6	5	25	44
2024	34	1	0	2	1	1	0	1	0	6	5	29	45
2025	33	1	0	2	1	1	0	1	0	6	4	33	46
2026	31	1	0	2	1	1	0	1	0	6	4	37	48
2027	29	1	0	2	1	1	0	1	0	5	3	41	49
2028	28	1	0	2	1	1	0	1	0	5	3	44	50
2029	26	1	0	2	1	1	0	1	0	5	3	46	51
2030	25	1	0	1	1	0	0	1	0	5	2	49	53
2031	23	1	0	1	1	0	0	1	0	5	2	51	54
2032	22	0	0	1	1	0	0	1	0	4	2	53	55
2033	20	0	0	1	1	0	0	1	0	4	2	54	57
2034	18	0	0	1	1	0	0	1	0	4	1	56	58
2035	17	0	0	1	0	0	0	1	0	4	1	57	59
2036	15	0	0	1	0	0	0	1	0	4	1	58	61
2037	14	0	0	1	0	0	0	1	0	4	1	59	62
2038	12	0	0	1	0	0	0	1	0	3	1	60	64
2039	11	0	0	1	0	0	0	1	0	3	1	61	66
2040	9	0	0	1	1	0	0	1	0	3	1	62	67
2041	8	0	0	0	1	0	0	1	(5)	3	1	62	69
2042	7	0	0	0	1	0	0	1	(5)	3	1	63	71
2043	6	0	0	0	1	0	0	1	(5)	2	1	63	72
2044	5	0	0	0	1	0	0	1	(5)	2	0	64	74
2045	4	0	0	0	1	0	0	1	(5)	2	0	64	76
2046	3	0	0	0	1	0	0	1	(5)	2	0	64	78
2047	3	0	0	0	1	0	0	1	(5)	2	0	65	80
2048	2	0	0	0	1	0	0	1	(5)	2	0	65	82
2049	1	0	0	0	1	(0)	0	1	(5)	2	0	65	84

IN SERVICE COST (\$000)	41
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFPEC. TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.03%

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 = 1.58339

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%	2	2	1	1	1	1	0	2	0	0	0	0	(1)
2021	7.22%	3	4	1	3	1	3	1	2	0	0	0	1	0
2022	6.68%	3	7	1	4	1	4	1	2	0	0	0	1	1
2023	6.18%	2	10	1	5	1	5	0	2	0	0	0	0	1
2024	5.71%	2	12	1	7	1	6	0	2	0	0	0	0	1
2025	5.29%	2	14	1	8	1	8	0	2	0	0	0	0	1
2026	4.89%	2	16	1	10	1	9	0	2	0	0	0	0	2
2027	4.52%	2	18	1	11	1	10	0	2	0	0	0	0	2
2028	4.46%	2	20	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	2
2030	4.46%	2	23	1	15	1	14	0	2	0	0	0	0	3
2031	4.46%	2	25	1	16	1	16	0	2	0	0	0	0	3
2032	4.46%	2	27	1	18	1	17	0	2	0	0	0	0	3
2033	4.46%	2	29	1	19	1	18	0	2	0	0	0	0	3
2034	4.46%	2	31	1	21	1	19	0	2	0	0	0	0	3
2035	4.46%	2	32	1	22	1	21	0	2	0	0	0	0	4
2036	4.46%	2	34	1	23	1	22	0	2	0	0	0	0	4
2037	4.46%	2	36	1	25	1	23	0	2	0	0	0	0	4
2038	4.46%	2	38	1	26	1	25	0	2	0	0	0	0	4
2039	4.46%	2	40	1	27	1	26	0	2	0	0	0	0	4
2040	2.23%	1	40	1	29	1	27	(0)	2	0	0	0	0	5
2041	0.00%	0	40	1	30	1	28	(0)	2	0	0	0	(0)	4
2042	0.00%	0	40	1	31	1	30	(0)	2	0	0	0	(0)	4
2043	0.00%	0	40	1	33	1	31	(0)	2	0	0	0	(0)	3
2044	0.00%	0	40	1	34	1	32	(0)	2	0	0	0	(0)	3
2045	0.00%	0	40	1	36	1	34	(0)	2	0	0	0	(0)	2
2046	0.00%	0	40	1	37	1	35	(0)	2	0	0	0	(0)	2
2047	0.00%	0	40	1	38	1	36	(0)	2	0	0	0	(0)	1
2048	0.00%	0	40	1	40	1	38	(0)	2	0	0	0	(0)	1
2049	0.00%	0	40	1	41	1	39	(0)	2	0	0	0	(0)	1

SALVAGE/ REMOVAL COST	0.00
YEAR SALVAGE/ COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(1)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	2
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV. REG.
 3 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)
2020	3.75%	2	0	40	1	(1)	42	40	41
2021	7.22%	3	1	38	3	0	40	38	39
2022	6.68%	3	1	37	4	1	38	36	37
2023	6.18%	2	0	36	5	1	36	34	35
2024	5.71%	2	0	34	7	1	34	33	34
2025	5.29%	2	0	33	8	2	33	31	32
2026	4.89%	2	0	31	10	2	31	29	30
2027	4.52%	2	0	30	11	2	29	28	29
2028	4.46%	2	0	29	12	2	28	26	27
2029	4.46%	2	0	27	14	3	26	25	25
2030	4.46%	2	0	26	15	3	25	23	24
2031	4.46%	2	0	25	16	3	23	22	22
2032	4.46%	2	0	23	18	3	22	20	21
2033	4.46%	2	0	22	19	3	20	18	19
2034	4.46%	2	0	21	21	4	18	17	18
2035	4.46%	2	0	19	22	4	17	15	16
2036	4.46%	2	0	18	23	4	15	14	15
2037	4.46%	2	0	16	25	4	14	12	13
2038	4.46%	2	0	15	26	4	12	11	11
2039	4.46%	2	0	14	27	5	11	9	10
2040	2.23%	1	(0)	12	29	4	9	8	8
2041	0.00%	0	(0)	11	30	4	8	7	7
2042	0.00%	0	(0)	10	31	3	7	6	6
2043	0.00%	0	(0)	8	33	5	6	5	5
2044	0.00%	0	(0)	7	34	2	5	4	4
2045	0.00%	0	(0)	5	36	2	4	3	3
2046	0.00%	0	(0)	4	37	1	3	3	3
2047	0.00%	0	(0)	3	38	1	3	2	2
2048	0.00%	0	(0)	1	40	1	2	1	1
2049	0.00%	0	(0)	(0)	41	0	1	0	0

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2011	-9	0.00%	1.000	0.00%	0.00	0.00
2012	-8	3.00%	1.030	0.00%	0.00	0.00
2013	-7	3.00%	1.061	0.00%	0.00	0.00
2014	-6	3.00%	1.093	0.00%	0.00	0.00
2015	-5	3.00%	1.126	0.10%	0.92	0.46
2016	-4	3.00%	1.159	0.34%	3.33	2.59
2017	-3	3.00%	1.194	12.10%	120.98	64.74
2018	-2	3.00%	1.230	52.66%	542.48	396.47
2019	-1	3.00%	1.267	34.80%	369.25	852.33

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a)* DEBT AFUDC (\$/KW)	100.00%		(9b)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9c)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9d)* CUMULATIVE CPI (\$/KW)	(9e)* DEFERRED TAXES (\$/KW)	(9f)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
				(9) YEARLY TOTAL AFUDC (\$/KW)	(9a)* CUMULATIVE DEBT AFUDC (\$/KW)							
2011	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-5	0.46	0.01	0.01	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
2016	-4	2.62	0.06	0.07	0.18	0.21	0.14	0.17	(0.03)	(0.04)	3.50	4.45
2017	-3	64.94	1.46	1.53	4.35	4.55	3.57	3.74	(0.81)	(0.85)	125.32	129.78
2018	-2	401.02	9.04	10.57	26.88	31.43	22.01	25.75	(5.01)	(5.86)	569.56	699.14
2019	-1	883.76	20.00	30.57	59.51	90.94	48.29	74.04	(10.91)	(16.77)	428.76	1,127.89

IN SERVICE YEAR	2020
PLANT COSTS	837,581,030.3
AFUDC RATE	6.69%

	30.57	90.94	74.04	(16.77)	1,127.89
	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS		
CONSTRUCTION CASH	38	38	38		
EQUITY AFUDC	2				
DEBT AFUDC	1	1			
CH			3		
TOTAL	41	39	40		

* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/KWh)	(5) AVOIDED MARGINAL FUEL COST (C/KWh)	(6)* INCREASED MARGINAL FUEL COST (C/KWh)	(7) REPLACEMENT FUEL COST (C/KWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2011	1	1	3.91	5.40	3.94	0.00	1.00	1.00
2012	1	1	3.93	5.44	3.95	0.00	1.00	1.00
2013	1	1	4.08	5.72	4.10	0.00	1.00	1.00
2014	1	1	4.18	5.77	4.20	0.00	1.00	1.00
2015	1	1	4.47	6.28	4.50	0.00	1.00	1.00
2016	1	1	4.95	7.22	4.98	0.00	1.00	1.00
2017	1	1	5.42	8.09	5.45	0.00	1.00	1.00
2018	1	1	7.40	10.97	7.44	0.00	1.00	1.00
2019	1	1	7.77	11.01	7.82	0.00	1.00	1.00
2020	1	1	8.31	12.10	8.36	7.58	1.00	1.00
2021	1	1	8.82	12.50	8.87	7.47	1.00	1.00
2022	1	1	9.18	12.88	9.23	7.56	1.00	1.00
2023	1	1	9.66	13.34	9.71	8.02	1.00	1.00
2024	1	1	10.56	15.03	10.61	8.78	1.00	1.00
2025	1	1	11.30	15.96	11.36	9.27	1.00	1.00
2026	1	1	11.65	16.27	11.71	9.07	1.00	1.00
2027	1	1	12.05	16.65	12.11	9.32	1.00	1.00
2028	1	1	12.45	17.26	12.51	9.44	1.00	1.00
2029	1	1	12.75	16.84	12.81	9.51	1.00	1.00
2030	1	1	13.21	17.47	13.27	9.63	1.00	1.00
2031	1	1	13.49	17.68	13.55	9.82	1.00	1.00
2032	1	1	13.68	16.72	13.74	9.93	1.00	1.00
2033	1	1	14.09	17.87	14.15	10.05	1.00	1.00
2034	1	1	14.43	18.14	14.49	10.28	1.00	1.00
2035	1	1	14.70	18.14	14.77	10.55	1.00	1.00
2036	1	1	14.98	18.23	15.05	10.59	1.00	1.00
2037	1	1	15.26	18.43	15.32	10.74	1.00	1.00
2038	1	1	15.56	18.39	15.63	11.04	1.00	1.00
2039	1	1	15.81	18.11	15.87	11.11	1.00	1.00
2040	1	1	16.11	18.51	16.18	11.31	1.00	1.00
2041	1	1	16.45	19.14	16.52	11.48	1.00	1.00
2042	1	1	16.77	19.56	16.85	11.73	1.00	1.00
2043	1	1	17.03	18.54	17.10	11.81	1.00	1.00
2044	1	1	17.38	19.32	17.45	12.09	1.00	1.00
2045	1	1	17.75	20.05	17.82	12.51	1.00	1.00
2046	1	1	18.04	19.49	18.11	12.54	1.00	1.00
2047	1	1	18.40	19.86	18.47	12.73	1.00	1.00
2048	1	1	18.77	20.32	18.83	12.92	1.00	1.00
2049	1	1	19.10	20.26	19.18	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.

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	7	4	0	9	12	8
2021	7	4	0	16	20	8
2022	7	5	0	17	20	9
2023	6	5	0	17	20	9
2024	6	5	0	19	21	8
2025	6	5	0	20	23	8
2026	6	5	0	21	23	9
2027	5	5	0	22	24	9
2028	5	5	0	22	24	9
2029	5	5	0	23	25	9
2030	5	6	0	24	25	9
2031	5	6	0	24	26	9
2032	4	6	0	25	27	9
2033	4	6	0	26	28	9
2034	4	6	0	27	29	8
2035	4	6	0	27	30	8
2036	4	7	0	28	30	8
2037	3	7	0	29	31	9
2038	3	7	0	29	31	8
2039	3	7	0	30	32	8
2040	3	7	0	30	32	8
2041	3	7	0	31	33	8
2042	2	8	1	31	33	8
2043	2	8	1	32	34	9
2044	2	8	1	32	34	9
2045	2	8	1	33	35	9
2046	2	8	1	34	36	9
2047	2	9	1	34	36	9
2048	2	9	1	35	37	9
2049	2	9	1	35	37	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
NOM	119	192	12	784	847	260
NPV	34	39	2	154	170	59

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
 2 PROGRAM METHOD SELECTED: REV REQ
 3 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)	(9)* PROGRAM OFF-PEAK PAYBACK \$(000)
2011	0	0	0	0	0	0	8	0
2012	0	0	0	0	0	0	17	0
2013	2	0	2	0	0	0	18	0
2014	2	0	2	0	0	0	18	0
2015	2	0	2	0	0	0	20	0
2016	2	0	2	0	0	0	23	0
2017	2	0	2	0	0	0	26	0
2018	2	0	2	0	0	0	33	0
2019	2	0	2	0	0	0	35	0
2020	2	0	2	0	0	0	38	0
2021	2	0	2	0	0	0	39	0
2022	2	0	2	0	0	0	41	0
2023	2	0	2	0	0	0	42	0
2024	1	0	2	0	0	0	47	0
2025	1	0	2	0	0	0	50	0
2026	1	0	1	0	0	0	51	0
2027	1	0	1	0	0	0	52	0
2028	1	0	1	0	0	0	54	0
2029	1	0	1	0	0	0	53	0
2030	1	0	1	0	0	0	55	0
2031	1	0	1	0	0	0	55	0
2032	1	0	1	0	0	0	52	0
2033	1	0	1	0	0	0	55	0
2034	1	0	1	0	0	0	56	0
2035	1	0	1	0	0	0	56	0
2036	1	0	1	0	0	0	56	0
2037	1	0	1	0	0	0	57	0
2038	1	0	1	0	0	0	56	0
2039	1	0	1	0	0	0	55	0
2040	1	0	1	0	0	0	56	0
2041	1	0	1	0	0	0	59	0
2042	1	0	1	0	0	0	60	0
2043	1	0	1	0	0	0	57	0
2044	1	0	1	0	0	0	59	0
2045	1	0	1	0	0	0	61	0
2046	1	0	1	0	0	0	59	0
2047	1	0	1	0	0	0	60	0
2048	1	0	1	0	0	0	61	0
2049	0	0	1	0	0	0	61	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	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.	43	6	49	6	4	10	1,812	0
NPV	18	2	20	3	1	4	488	0

* 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]

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	4	0	4
2019	0	0	5	0	5
2020	2	3	5	0	4
2021	4	5	5	0	4
2022	4	5	6	0	5
2023	4	5	6	0	5
2024	4	5	7	0	6
2025	5	6	7	0	6
2026	5	6	8	0	6
2027	6	7	8	0	7
2028	6	8	9	0	7
2029	6	8	9	0	8
2030	7	9	10	0	8
2031	8	10	11	0	9
2032	8	10	12	0	10
2033	9	12	13	0	10
2034	10	13	14	0	11
2035	11	14	15	0	12
2036	12	15	16	0	13
2037	13	16	17	0	14
2038	14	17	18	0	15
2039	15	18	19	0	16
2040	16	20	21	0	17
2041	17	21	22	0	18
2042	18	23	24	0	19
2043	20	25	26	0	21
2044	21	26	28	0	23
2045	23	28	30	0	24
2046	24	31	32	0	26
2047	26	33	35	0	28
2048	28	35	37	0	30
2049	30	38	40	0	32
	0	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	374	471	518	0	421
NPV	57	72	86	0	72

1 TOTAL RESOURCE COST TEST
 2 PROGRAM METHOD SELECTED: REV REQ
 3 PROGRAM NAME: [REDACTED]

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) PARTICIPANT PROGRAM COSTS \$(000)	(5) OTHER COSTS \$(000)	(6) TOTAL COSTS \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)	(8) AVOIDED T&D BENEFITS \$(000)	(9) PROGRAM FUEL SAVINGS \$(000)	(10) OTHER BENEFITS \$(000)	(11) TOTAL BENEFITS \$(000)	(12) NET BENEFITS \$(000)	(13) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2011	0	1	194	0	194	0	0	8	0	9	(185)	(185)
2012	0	0	0	0	0	0	0	17	0	17	17	(169)
2013	0	0	0	0	0	0	3	18	0	21	21	(151)
2014	0	0	0	0	0	0	3	18	0	21	21	(134)
2015	0	0	0	0	0	0	3	20	0	22	22	(117)
2016	0	0	0	0	0	0	2	23	0	25	25	(100)
2017	0	0	0	0	0	0	2	26	0	28	28	(81)
2018	0	0	0	0	0	0	2	35	4	41	41	(56)
2019	0	0	0	0	0	0	2	35	5	42	42	(32)
2020	0	0	0	0	0	2	2	38	4	53	53	(4)
2021	0	0	0	0	0	2	2	39	4	54	54	23
2022	0	0	0	0	0	9	2	41	5	56	56	49
2023	0	0	0	0	0	9	2	42	5	58	58	73
2024	0	0	0	0	0	2	2	47	6	63	63	99
2025	0	0	0	0	0	2	2	30	6	67	67	124
2026	0	0	0	0	0	9	2	51	6	69	69	147
2027	0	0	0	0	0	9	2	52	7	70	70	170
2028	0	0	0	0	0	9	2	54	7	72	72	192
2029	0	0	0	0	0	9	2	53	8	71	71	212
2030	0	0	0	0	0	9	2	55	8	73	73	231
2031	0	1	317	0	318	0	1	55	9	74	(244)	171
2032	0	0	0	0	0	9	1	52	10	71	71	188
2033	0	0	0	0	0	9	1	55	10	76	76	204
2034	0	0	0	0	0	2	1	56	11	77	77	219
2035	0	0	0	0	0	2	1	56	12	77	77	233
2036	0	0	0	0	0	2	1	56	13	78	78	247
2037	0	0	0	0	0	9	1	57	14	80	80	260
2038	0	0	0	0	0	2	1	56	15	80	80	272
2039	0	0	0	0	0	2	1	55	16	80	80	283
2040	0	0	0	0	0	2	1	56	17	83	83	294
2041	0	0	0	0	0	2	1	59	18	86	86	304
2042	0	0	0	0	0	2	1	60	19	89	89	314
2043	0	0	0	0	0	9	1	37	21	88	88	323
2044	0	0	0	0	0	9	1	39	23	91	91	332
2045	0	0	0	0	0	9	1	61	24	95	95	341
2046	0	0	0	0	0	9	1	59	26	94	94	349
2047	0	0	0	0	0	9	1	60	28	97	97	357
2048	0	0	0	0	0	9	1	61	30	101	101	364
2049	0	0	0	0	0	9	1	61	32	103	103	371
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	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	0	1	511	0	512	260	59	1,813	421	2,554	2,042	
NPV	0	1	271	0	272	59	24	488	72	643	571	

Discount Rate: 7.29 %
 Benefit/Cost Ratio (Col(11) / Col(6)) : 2.37

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

(1) YEAR	(2) SAVINGS IN PARTICIPANTS BILLS \$(000)	(3) TAX CREDITS \$(000)	(4) UTILITY REBATES \$(000)	(5) OTHER BENEFITS \$(000)	(6) TOTAL BENEFITS \$(000)	(7) CUSTOMER EQUIPMENT COSTS \$(000)	(8) CUSTOMER O&M COSTS \$(000)	(9) OTHER COSTS \$(000)	(10) TOTAL COSTS \$(000)	(11) NET BENEFITS \$(000)	(12) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2011	11	0	5	0	17	194	0	0	194	(177)	(177)
2012	23	0	0	0	23	0	0	0	0	23	(155)
2013	23	0	0	0	23	0	0	0	0	23	(135)
2014	24	0	0	0	24	0	0	0	0	24	(116)
2015	22	0	0	0	22	0	0	0	0	22	(99)
2016	24	0	0	0	24	0	0	0	0	24	(82)
2017	25	0	0	0	25	0	0	0	0	25	(66)
2018	28	0	0	0	28	0	0	0	0	28	(48)
2019	30	0	0	0	30	0	0	0	0	30	(31)
2020	32	0	0	0	32	0	0	0	0	32	(14)
2021	33	0	0	0	33	0	0	0	0	33	2
2022	33	0	0	0	33	0	0	0	0	33	17
2023	34	0	0	0	34	0	0	0	0	34	32
2024	35	0	0	0	35	0	0	0	0	35	46
2025	36	0	0	0	36	0	0	0	0	36	59
2026	37	0	0	0	37	0	0	0	0	37	72
2027	38	0	0	0	38	0	0	0	0	38	85
2028	39	0	0	0	39	0	0	0	0	39	96
2029	40	0	0	0	40	0	0	0	0	40	108
2030	41	0	0	0	41	0	0	0	0	41	119
2031	42	0	5	0	48	317	0	0	317	(269)	53
2032	45	0	0	0	45	0	0	0	0	45	63
2033	48	0	0	0	48	0	0	0	0	48	75
2034	50	0	0	0	50	0	0	0	0	50	83
2035	51	0	0	0	51	0	0	0	0	51	92
2036	55	0	0	0	55	0	0	0	0	55	102
2037	57	0	0	0	57	0	0	0	0	57	111
2038	59	0	0	0	59	0	0	0	0	59	120
2039	61	0	0	0	61	0	0	0	0	61	128
2040	63	0	0	0	63	0	0	0	0	63	137
2041	63	0	0	0	63	0	0	0	0	63	144
2042	66	0	0	0	66	0	0	0	0	66	152
2043	69	0	0	0	69	0	0	0	0	69	159
2044	72	0	0	0	72	0	0	0	0	72	166
2045	75	0	0	0	75	0	0	0	0	75	175
2046	78	0	0	0	78	0	0	0	0	78	179
2047	81	0	0	0	81	0	0	0	0	81	186
2048	85	0	0	0	85	0	0	0	0	85	192
2049	89	0	0	0	89	0	0	0	0	89	198
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	1,820	0	10	0	1,830	511	0	0	511	1,319	
NPV	463	0	6	0	469	271	0	0	271	198	

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

2020
 7.29 %
 1.73

1 RATE IMPACT TEST
 2 PROGRAM METHOD SELECTED: REV REQ
 3 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)
2011	0	1	5	10	0	15	8	0	0	0	9	(7)	(7)
2012	0	0	0	20	0	20	17	0	0	0	17	(2)	(9)
2013	0	0	0	20	0	20	18	3	0	0	21	1	(8)
2014	0	0	0	20	0	20	18	3	0	0	21	0	(8)
2015	0	0	0	19	0	19	20	3	0	0	22	5	(6)
2016	0	0	0	21	0	21	23	2	0	0	25	5	(3)
2017	0	0	0	22	0	22	26	2	0	0	28	7	2
2018	0	0	0	24	0	24	35	2	0	4	41	17	12
2019	0	0	0	26	0	26	35	2	0	5	42	16	22
2020	0	0	0	27	0	27	47	2	0	4	53	26	35
2021	0	0	0	28	0	28	47	2	0	4	54	26	48
2022	0	0	0	29	0	29	49	2	0	5	56	27	61
2023	0	0	0	29	0	29	51	2	0	5	58	29	73
2024	0	0	0	30	0	30	56	2	0	6	63	34	87
2025	0	0	0	31	0	31	59	2	0	6	67	36	100
2026	0	0	0	32	0	32	60	2	0	6	69	37	113
2027	0	0	0	32	0	32	61	2	0	7	70	37	125
2028	0	0	0	33	0	33	63	2	0	7	72	39	137
2029	0	0	0	34	0	34	62	2	0	8	71	37	147
2030	0	0	0	35	0	35	63	2	0	8	73	38	157
2031	0	1	5	36	0	42	64	1	0	9	74	32	165
2032	0	0	0	38	0	38	60	1	0	10	71	33	175
2033	0	0	0	41	0	41	64	1	0	10	76	35	180
2034	0	0	0	42	0	42	65	1	0	11	77	35	187
2035	0	0	0	43	0	43	64	1	0	12	77	34	193
2036	0	0	0	46	0	46	65	1	0	13	78	32	199
2037	0	0	0	48	0	48	65	1	0	14	80	32	204
2038	0	0	0	50	0	50	65	1	0	15	80	31	209
2039	0	0	0	52	0	52	64	1	0	16	80	29	215
2040	0	0	0	53	0	53	65	1	0	17	83	29	216
2041	0	0	0	53	0	53	67	1	0	18	86	33	220
2042	0	0	0	56	0	56	68	1	0	19	89	33	224
2043	0	0	0	58	0	58	66	1	0	21	88	30	227
2044	0	0	0	60	0	60	67	1	0	23	91	30	230
2045	0	0	0	63	0	63	70	1	0	24	95	32	233
2046	0	0	0	66	0	66	68	1	0	26	94	29	236
2047	0	0	0	68	0	68	69	1	0	28	97	29	238
2048	0	0	0	71	0	71	70	1	0	30	101	30	240
2049	0	0	0	75	0	75	70	1	0	32	103	29	242
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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.	0	1	10	1,539	0	1,551	2,073	59	0	421	2,554	1,003	
NPV	0	1	6	394	0	401	548	24	0	72	643	242	

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

7.20 %
 1.60

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	92.05 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	123.15056 KW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	955,450.96 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	1.58539
(5) K FACTOR FOR T & D	1.44990

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 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	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	837.58 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	362.99 \$/KW
(6) BASE YEAR DISTRIBUTION COST	81.44 \$/KW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	98.38 \$/KW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	2.50 %**
(10) TRANSMISSION FIXED O & M COST	2.81 \$/KW
(11) DISTRIBUTION FIXED O & M COST	2.07 \$/KW
(12) T&D FIXED O&M ESCALATION RATE	2.50 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.084 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	8.71 %**

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	*** %

* 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 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)
2020	141	3	0	8	3	0	5	0	24	24	24	139
2021	136	3	0	8	3	2	5	2	23	22	46	142
2022	129	3	0	8	3	2	5	2	23	20	66	146
2023	123	3	0	7	3	2	5	2	22	18	83	150
2024	117	3	0	7	3	2	5	1	21	16	99	155
2025	111	2	0	7	3	2	5	1	20	14	113	157
2026	105	2	0	6	3	2	5	1	19	13	126	161
2027	99	2	0	6	3	2	5	1	19	11	137	165
2028	94	2	0	6	3	2	5	1	18	10	147	169
2029	89	2	0	5	3	2	5	1	17	9	156	173
2030	84	2	0	5	3	2	5	1	16	8	165	178
2031	78	2	0	5	2	2	5	1	16	7	172	182
2032	73	2	0	4	2	1	5	1	15	6	178	187
2033	68	2	0	4	2	1	5	1	14	6	184	191
2034	62	1	0	4	2	1	5	1	14	5	189	196
2035	57	1	0	3	2	1	5	1	13	4	194	201
2036	52	1	0	3	1	1	5	1	12	4	197	206
2037	46	1	0	3	1	1	5	1	11	3	201	211
2038	41	1	0	2	1	1	5	1	11	3	204	217
2039	36	1	0	2	1	1	5	1	10	3	207	222
2040	31	1	0	2	2	1	5	(1)	9	2	209	228
2041	26	1	0	2	3	1	5	(2)	9	2	211	233
2042	24	1	0	1	3	1	5	(2)	8	2	213	239
2043	21	0	0	1	3	1	5	(2)	8	2	214	245
2044	18	0	0	1	3	0	5	(2)	7	1	216	251
2045	15	0	0	1	2	0	5	(2)	7	1	217	258
2046	12	0	0	1	2	0	5	(2)	7	1	218	264
2047	9	0	0	1	2	0	5	(2)	6	1	219	271
2048	6	0	0	0	2	0	5	(2)	6	1	220	277
2049	3	0	0	0	2	0	5	(2)	5	1	220	284

IN SERVICE COST (\$000)	139
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 = 1.58539

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%	5	5	5	5	4	4	0	7	0	0	0	0	(2)
2021	7.22%	10	15	5	9	4	9	2	7	0	0	0	2	0
2022	6.68%	9	24	5	14	4	13	2	7	0	0	0	2	2
2023	6.18%	8	33	5	19	4	18	2	7	0	0	0	2	4
2024	5.71%	8	40	5	23	4	22	1	7	0	0	0	1	5
2025	5.29%	7	48	5	28	4	26	1	7	0	0	0	1	6
2026	4.89%	7	54	5	32	4	31	1	7	0	0	0	1	7
2027	4.52%	6	61	5	37	4	35	1	7	0	0	0	1	8
2028	4.46%	6	67	5	42	4	39	1	7	0	0	0	1	8
2029	4.46%	6	73	5	46	4	44	1	7	0	0	0	1	9
2030	4.46%	6	79	5	51	4	48	1	7	0	0	0	1	10
2031	4.46%	6	85	5	56	4	53	1	7	0	0	0	1	10
2032	4.46%	6	91	5	60	4	57	1	7	0	0	0	1	11
2033	4.46%	6	97	5	65	4	61	1	7	0	0	0	1	12
2034	4.46%	6	103	5	69	4	66	1	7	0	0	0	1	12
2035	4.46%	6	109	5	74	4	70	1	7	0	0	0	1	13
2036	4.46%	6	115	5	79	4	74	1	7	0	0	0	1	14
2037	4.46%	6	122	5	83	4	79	1	7	0	0	0	1	14
2038	4.46%	6	128	5	88	4	83	1	7	0	0	0	1	15
2039	4.46%	6	134	5	93	4	88	1	7	0	0	0	1	16
2040	2.23%	3	137	5	97	4	92	(1)	7	0	0	0	(1)	15
2041	0.00%	0	137	5	102	4	96	(2)	7	0	0	0	(2)	14
2042	0.00%	0	137	5	106	4	101	(2)	7	0	0	0	(2)	12
2043	0.00%	0	137	5	111	4	105	(2)	7	0	0	0	(2)	10
2044	0.00%	0	137	5	116	4	110	(2)	7	0	0	0	(2)	8
2045	0.00%	0	137	5	120	4	114	(2)	7	0	0	0	(2)	7
2046	0.00%	0	137	5	125	4	118	(2)	7	0	0	0	(2)	5
2047	0.00%	0	137	5	130	4	123	(2)	7	0	0	0	(2)	3
2048	0.00%	0	137	5	134	4	127	(2)	7	0	0	0	(2)	2
2049	0.00%	0	137	5	139	4	131	(2)	7	0	0	0	(2)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	7
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2020	3.75%	5	0	134	5	(2)	141	136	139
2021	7.22%	10	2	130	9	0	136	129	133
2022	6.68%	9	2	125	14	2	129	123	126
2023	6.18%	8	2	120	19	4	123	117	120
2024	5.71%	8	1	116	23	5	117	111	114
2025	5.29%	7	1	111	28	6	111	105	108
2026	4.89%	7	1	106	32	7	105	99	102
2027	4.52%	6	1	102	37	8	99	94	97
2028	4.46%	6	1	97	42	8	94	89	91
2029	4.46%	6	1	93	46	9	89	84	86
2030	4.46%	6	1	88	51	10	84	78	81
2031	4.46%	6	1	83	56	10	78	73	76
2032	4.46%	6	1	79	60	11	73	68	70
2033	4.46%	6	1	74	65	12	68	62	65
2034	4.46%	6	1	69	69	12	62	57	60
2035	4.46%	6	1	65	74	13	57	52	54
2036	4.46%	6	1	60	79	14	52	46	49
2037	4.46%	6	1	56	83	14	46	41	44
2038	4.46%	6	1	51	88	15	41	36	39
2039	4.46%	6	1	46	93	16	36	31	33
2040	2.23%	3	(1)	42	97	15	31	26	29
2041	0.00%	0	(2)	37	102	14	26	24	25
2042	0.00%	0	(2)	32	106	12	24	21	22
2043	0.00%	0	(2)	28	111	10	21	18	19
2044	0.00%	0	(2)	23	116	8	18	15	16
2045	0.00%	0	(2)	19	120	7	15	12	13
2046	0.00%	0	(2)	14	125	5	12	9	10
2047	0.00%	0	(2)	9	130	3	9	6	7
2048	0.00%	0	(2)	5	134	2	6	3	4
2049	0.00%	0	(2)	0	139	0	3	0	1

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2011	-9	0.00%	1.000	0.00%	0.00	0.00
2012	-8	3.00%	1.030	0.00%	0.00	0.00
2013	-7	3.00%	1.061	0.00%	0.00	0.00
2014	-6	3.00%	1.093	0.00%	0.00	0.00
2015	-5	3.00%	1.126	0.10%	0.92	0.46
2016	-4	3.00%	1.159	0.34%	3.33	2.59
2017	-3	3.00%	1.194	12.10%	120.98	64.74
2018	-2	3.00%	1.230	52.66%	542.48	396.47
2019	-1	3.00%	1.267	34.80%	369.25	852.33

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(4a)* DEBT AFUDC (\$/KW)	100.00%		(5a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(6b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(7a)* CUMULATIVE CPI (\$/KW)	(8a)* DEFERRED TAXES (\$/KW)	(9a)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
				(5b)* CUMULATIVE DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)							
2011	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-5	0.46	0.01	0.01	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00
2016	-4	2.62	0.06	0.07	0.18	0.21	0.14	0.17	(0.03)	(0.01)	0.95	0.95
2017	-3	64.94	1.46	1.53	4.35	4.55	3.57	3.74	(0.81)	(0.85)	3.50	4.45
2018	-2	401.02	9.04	10.57	26.88	31.43	22.01	25.75	(5.01)	(5.86)	125.32	129.78
2019	-1	883.76	20.00	30.57	59.51	90.94	48.29	74.04	(10.91)	(16.77)	569.36	699.14
											428.76	1,127.89

IN SERVICE YEAR	2020
PLANT COSTS	837,581,030.3
AFUDC RATE	6.69%

	30.57	90.94	74.04	(16.77)	1,127.89
	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS		
CONSTRUCTION CASH	128	128	128		
EQUITY AFUDC	7				
DEBT AFUDC	4	4			
CPI			9		
TOTAL	139	131	137		

* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (Ct/Wh)	(5) AVOIDED MARGINAL FUEL COST (Ct/Wh)	(6)* INCREASED MARGINAL FUEL COST (Ct/Wh)	(7) REPLACEMENT FUEL COST (Ct/Wh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KWH EFFECTIVENESS FACTOR
2011	1	1	3.91	5.80	3.93	0.00	1.00	1.00
2012	1	1	3.93	5.72	3.93	0.00	1.00	1.00
2013	1	1	4.08	6.07	4.08	0.00	1.00	1.00
2014	1	1	4.18	5.94	4.18	0.00	1.00	1.00
2015	1	1	4.47	6.43	4.48	0.00	1.00	1.00
2016	1	1	4.95	7.58	4.96	0.00	1.00	1.00
2017	1	1	5.42	8.56	5.43	0.00	1.00	1.00
2018	1	1	7.40	11.44	7.42	0.00	1.00	1.00
2019	1	1	7.77	11.21	7.79	0.00	1.00	1.00
2020	1	1	8.31	12.47	8.32	7.58	1.00	1.00
2021	1	1	8.82	12.72	8.84	7.47	1.00	1.00
2022	1	1	9.18	13.25	9.20	7.56	1.00	1.00
2023	1	1	9.66	13.84	9.68	8.02	1.00	1.00
2024	1	1	10.56	15.40	10.58	8.78	1.00	1.00
2025	1	1	11.30	16.39	11.32	9.27	1.00	1.00
2026	1	1	11.65	16.80	11.67	9.07	1.00	1.00
2027	1	1	12.05	17.34	12.07	9.32	1.00	1.00
2028	1	1	12.45	17.94	12.47	9.44	1.00	1.00
2029	1	1	12.75	18.02	12.77	9.51	1.00	1.00
2030	1	1	13.21	18.66	13.23	9.63	1.00	1.00
2031	1	1	13.49	18.97	13.51	9.82	1.00	1.00
2032	1	1	13.68	17.59	13.70	9.93	1.00	1.00
2033	1	1	14.09	19.08	14.11	10.05	1.00	1.00
2034	1	1	14.43	19.44	14.45	10.28	1.00	1.00
2035	1	1	14.70	19.44	14.73	10.55	1.00	1.00
2036	1	1	14.98	19.19	15.00	10.59	1.00	1.00
2037	1	1	15.26	19.60	15.28	10.74	1.00	1.00
2038	1	1	15.56	19.44	15.58	11.04	1.00	1.00
2039	1	1	15.81	18.50	15.83	11.11	1.00	1.00
2040	1	1	16.11	19.07	16.13	11.31	1.00	1.00
2041	1	1	16.45	19.80	16.47	11.48	1.00	1.00
2042	1	1	16.77	20.27	16.80	11.75	1.00	1.00
2043	1	1	17.03	19.39	17.06	11.81	1.00	1.00
2044	1	1	17.38	19.73	17.40	12.09	1.00	1.00
2045	1	1	17.75	20.61	17.78	12.31	1.00	1.00
2046	1	1	18.04	19.95	18.06	12.54	1.00	1.00
2047	1	1	18.40	20.08	18.43	12.73	1.00	1.00
2048	1	1	18.77	20.57	18.79	12.92	1.00	1.00
2049	1	1	19.10	20.68	19.13	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.

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	24	15	1	30	41	29
2021	23	15	1	56	68	27
2022	22	16	1	58	67	30
2023	21	16	1	58	67	30
2024	21	16	1	63	72	29
2025	20	17	1	69	78	29
2026	19	17	1	71	77	32
2027	18	18	1	74	81	30
2028	18	18	1	76	83	30
2029	17	19	1	77	83	31
2030	16	19	1	80	86	31
2031	16	20	1	82	88	30
2032	15	20	1	84	90	30
2033	14	21	1	89	95	30
2034	13	21	1	91	98	29
2035	13	22	1	93	101	28
2036	12	22	1	95	102	29
2037	11	23	2	97	104	29
2038	11	23	2	99	107	28
2039	10	24	2	101	107	29
2040	9	24	2	102	109	29
2041	9	25	2	104	111	29
2042	8	26	2	106	113	29
2043	8	26	2	108	114	30
2044	7	27	2	110	116	30
2045	7	28	2	112	118	30
2046	6	28	2	113	120	30
2047	6	29	2	115	122	30
2048	6	30	2	117	124	31
2049	5	31	2	119	125	32
0	0	0	0	0	0	0
0	0	0	0	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	405	656	42	2,651	2,867	887
NPV	115	132	8	521	574	202

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2011	0	0	0	0	0	0	30	0
2012	0	0	0	0	0	0	58	0
2013	7	0	8	1	0	1	62	0
2014	7	0	7	1	0	1	60	0
2015	7	0	7	1	0	1	65	0
2016	7	0	7	1	0	1	78	0
2017	6	0	7	1	0	1	88	0
2018	6	0	7	1	0	1	117	0
2019	6	0	6	1	0	1	114	0
2020	6	0	6	1	0	1	127	0
2021	6	0	6	1	0	1	129	0
2022	5	0	6	1	0	1	135	0
2023	5	0	6	1	0	1	140	0
2024	5	0	5	1	0	1	157	0
2025	5	0	5	1	0	1	167	0
2026	5	0	5	1	0	1	171	0
2027	4	1	5	1	0	1	176	0
2028	4	1	5	1	0	1	182	0
2029	4	1	5	1	0	1	182	0
2030	4	1	4	1	0	1	189	0
2031	4	1	4	1	0	1	192	0
2032	3	1	4	1	0	1	176	0
2033	3	1	4	0	0	1	192	0
2034	3	1	4	0	0	1	196	0
2035	3	1	4	0	0	1	195	0
2036	3	1	4	0	0	1	192	0
2037	3	1	3	0	0	1	196	0
2038	3	1	3	0	0	1	193	0
2039	3	1	3	0	0	1	182	0
2040	2	1	3	0	0	1	188	0
2041	2	1	3	0	0	1	196	0
2042	2	1	3	0	0	1	201	0
2043	2	1	3	0	0	0	190	0
2044	2	1	3	0	0	0	193	0
2045	2	1	3	0	0	0	203	0
2046	2	1	3	0	0	0	194	0
2047	2	1	3	0	0	0	195	0
2048	2	1	3	0	0	0	200	0
2049	2	1	3	0	0	0	201	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	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.	147	32	168	22	12	34	6,100	0
NPV	61	6	67	10	3	13	1,645	0

* 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: ██████████

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	14	0	14
2019	0	0	15	0	15
2020	7	9	16	0	15
2021	12	15	18	0	14
2022	13	16	19	0	15
2023	13	17	20	0	17
2024	14	18	22	0	18
2025	16	20	24	0	20
2026	17	21	25	0	21
2027	19	23	27	0	23
2028	20	26	29	0	24
2029	22	28	31	0	25
2030	24	30	33	0	27
2031	26	33	36	0	29
2032	28	36	38	0	31
2033	32	40	41	0	33
2034	34	43	44	0	35
2035	37	46	47	0	38
2036	40	50	51	0	40
2037	43	54	54	0	43
2038	46	58	58	0	46
2039	50	62	62	0	50
2040	53	67	67	0	53
2041	57	72	72	0	57
2042	62	78	78	0	63
2043	66	83	85	0	68
2044	71	90	91	0	72
2045	77	96	98	0	78
2046	82	103	105	0	84
2047	88	111	112	0	89
2048	95	120	119	0	94
2049	102	129	128	0	102
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	1,267	1,595	1,684	0	1,356
NPV	194	244	283	0	232

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

(1) YEAR	(2) INCREASED SUPPLY COSTS \$(000)	(3) UTILITY PROGRAM COSTS \$(000)	(4) PARTICIPANT PROGRAM COSTS \$(000)	(5) OTHER COSTS \$(000)	(6) TOTAL COSTS \$(000)	(7) AVOIDED GEN UNIT BENEFITS \$(000)	(8) AVOIDED T&D BENEFITS \$(000)	(9) PROGRAM FUEL SAVINGS \$(000)	(10) OTHER BENEFITS \$(000)	(11) TOTAL BENEFITS \$(000)	(12) NET BENEFITS \$(000)	(13) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2011	0	1	271	0	272	0	0	30	0	30	(342)	(342)
2012	0	0	0	0	0	0	1	58	0	59	59	(157)
2013	0	0	0	0	0	0	9	62	0	71	71	(125)
2014	0	0	0	0	0	0	9	60	0	70	70	(68)
2015	0	0	0	0	0	0	9	65	0	74	74	(12)
2016	0	0	0	0	0	0	8	78	0	86	86	49
2017	0	0	0	0	0	0	8	88	0	96	96	112
2018	0	0	0	0	0	0	8	117	14	139	139	197
2019	0	0	0	0	0	0	8	114	15	137	137	273
2020	0	0	0	0	0	29	7	127	15	178	178	369
2021	0	0	0	0	0	27	7	129	14	178	178	457
2022	0	0	0	0	0	30	7	135	15	187	187	545
2023	0	0	0	0	0	30	7	140	17	194	194	627
2024	0	0	0	0	0	29	7	157	18	210	210	711
2025	0	0	0	0	0	29	6	167	20	221	221	793
2026	0	0	0	0	0	32	6	171	21	229	229	873
2027	0	0	0	0	0	30	6	176	23	235	235	949
2028	0	0	0	0	0	30	6	182	24	242	242	1,022
2029	0	0	0	0	0	31	5	182	25	244	244	1,091
2030	0	0	0	0	0	31	5	189	27	252	252	1,157
2031	0	1	444	0	445	30	5	192	29	256	(189)	1,111
2032	0	0	0	0	0	30	5	176	31	241	241	1,166
2033	0	0	0	0	0	30	5	192	33	259	259	1,221
2034	0	0	0	0	0	29	4	196	35	264	264	1,274
2035	0	0	0	0	0	28	4	195	38	265	265	1,323
2036	0	0	0	0	0	29	4	192	40	265	265	1,368
2037	0	0	0	0	0	29	4	196	43	272	272	1,412
2038	0	0	0	0	0	28	4	193	46	272	272	1,452
2039	0	0	0	0	0	29	4	182	50	265	265	1,489
2040	0	0	0	0	0	29	4	188	53	274	274	1,525
2041	0	0	0	0	0	29	4	196	57	286	286	1,559
2042	0	0	0	0	0	29	4	201	63	295	295	1,593
2043	0	0	0	0	0	30	3	190	68	291	291	1,623
2044	0	0	0	0	0	30	3	193	72	298	298	1,653
2045	0	0	0	0	0	30	3	203	78	313	313	1,681
2046	0	0	0	0	0	30	3	194	84	311	311	1,708
2047	0	0	0	0	0	30	3	195	89	318	318	1,735
2048	0	0	0	0	0	31	3	200	94	328	328	1,757
2049	0	0	0	0	0	32	3	201	102	337	337	1,780
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	0	1	715	0	716	887	202	6,100	1,356	8,544	7,828	
NPV	0	1	380	0	380	202	81	1,645	232	2,161	1,780	

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

7.29 %
 5.68

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

(1) YEAR	(2) SAVINGS IN PARTICIPANTS BILLS \$(000)	(3) TAX CREDITS \$(000)	(4) UTILITY REBATES \$(000)	(5) OTHER BENEFITS \$(000)	(6) TOTAL BENEFITS \$(000)	(7) CUSTOMER EQUIPMENT COSTS \$(000)	(8) CUSTOMER O&M COSTS \$(000)	(9) OTHER COSTS \$(000)	(10) TOTAL COSTS \$(000)	(11) NET BENEFITS \$(000)	(12) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2011	23	0	18	0	41	271	0	0	271	(230)	(230)
2012	103	0	0	0	103	0	0	0	0	103	(134)
2013	104	0	0	0	104	0	0	0	0	104	(43)
2014	106	0	0	0	106	0	0	0	0	106	43
2015	100	0	0	0	100	0	0	0	0	100	118
2016	108	0	0	0	108	0	0	0	0	108	194
2017	113	0	0	0	113	0	0	0	0	113	268
2018	128	0	0	0	128	0	0	0	0	128	347
2019	135	0	0	0	135	0	0	0	0	135	423
2020	143	0	0	0	143	0	0	0	0	143	499
2021	149	0	0	0	149	0	0	0	0	149	573
2022	151	0	0	0	151	0	0	0	0	151	642
2023	152	0	0	0	152	0	0	0	0	152	707
2024	157	0	0	0	157	0	0	0	0	157	770
2025	165	0	0	0	165	0	0	0	0	165	832
2026	170	0	0	0	170	0	0	0	0	170	891
2027	174	0	0	0	174	0	0	0	0	174	948
2028	178	0	0	0	178	0	0	0	0	178	1,001
2029	182	0	0	0	182	0	0	0	0	182	1,053
2030	188	0	0	0	188	0	0	0	0	188	1,102
2031	193	0	18	0	212	444	0	0	444	(232)	1,045
2032	204	0	0	0	204	0	0	0	0	204	1,092
2033	220	0	0	0	220	0	0	0	0	220	1,138
2034	227	0	0	0	227	0	0	0	0	227	1,183
2035	235	0	0	0	235	0	0	0	0	235	1,227
2036	251	0	0	0	251	0	0	0	0	251	1,270
2037	261	0	0	0	261	0	0	0	0	261	1,312
2038	270	0	0	0	270	0	0	0	0	270	1,352
2039	280	0	0	0	280	0	0	0	0	280	1,391
2040	290	0	0	0	290	0	0	0	0	290	1,429
2041	290	0	0	0	290	0	0	0	0	290	1,464
2042	303	0	0	0	303	0	0	0	0	303	1,498
2043	316	0	0	0	316	0	0	0	0	316	1,532
2044	329	0	0	0	329	0	0	0	0	329	1,564
2045	344	0	0	0	344	0	0	0	0	344	1,595
2046	359	0	0	0	359	0	0	0	0	359	1,626
2047	375	0	0	0	375	0	0	0	0	375	1,656
2048	392	0	0	0	392	0	0	0	0	392	1,684
2049	409	0	0	0	409	0	0	0	0	409	1,713
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	8,279	0	36	0	8,315	715	0	0	715	7,600	
NPV	2,070	0	23	0	2,092	380	0	0	380	1,713	

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

2020
 7.29 %
 5.51

1 RATE IMPACT TEST
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2011	0	1	18	20	0	39	30	0	0	0	30	(9)	(9)
2012	0	0	0	88	0	88	58	1	0	0	59	(29)	(36)
2013	0	0	0	89	0	89	62	9	0	0	71	(17)	(51)
2014	0	0	0	91	0	91	60	9	0	0	70	(21)	(68)
2015	0	0	0	85	0	85	65	9	0	0	74	(11)	(77)
2016	0	0	0	92	0	92	78	8	0	0	86	(6)	(81)
2017	0	0	0	96	0	96	88	8	0	0	96	0	(81)
2018	0	0	0	109	0	109	117	8	0	14	139	30	(62)
2019	0	0	0	115	0	115	114	8	0	15	137	22	(50)
2020	0	0	0	121	0	121	156	7	0	15	178	57	(20)
2021	0	0	0	127	0	127	156	7	0	14	178	51	6
2022	0	0	0	128	0	128	165	7	0	15	187	59	55
2023	0	0	0	129	0	129	171	7	0	17	194	65	61
2024	0	0	0	133	0	133	186	7	0	18	210	77	91
2025	0	0	0	140	0	140	195	6	0	20	221	81	122
2026	0	0	0	144	0	144	202	6	0	21	229	85	151
2027	0	0	0	147	0	147	206	6	0	23	235	88	180
2028	0	0	0	150	0	150	212	6	0	24	242	92	208
2029	0	0	0	154	0	154	213	5	0	25	244	90	233
2030	0	0	0	159	0	159	220	5	0	27	252	95	257
2031	0	1	18	163	0	182	222	5	0	29	256	74	275
2032	0	0	0	172	0	172	206	5	0	31	241	69	291
2033	0	0	0	185	0	185	222	5	0	33	259	74	307
2034	0	0	0	191	0	191	224	4	0	35	264	73	321
2035	0	0	0	198	0	198	223	4	0	38	265	67	334
2036	0	0	0	211	0	211	220	4	0	40	265	54	343
2037	0	0	0	220	0	220	225	4	0	43	272	52	351
2038	0	0	0	227	0	227	221	4	0	46	272	44	358
2039	0	0	0	236	0	236	211	4	0	50	265	29	362
2040	0	0	0	244	0	244	217	4	0	53	274	30	366
2041	0	0	0	244	0	244	225	4	0	57	286	42	371
2042	0	0	0	254	0	254	229	4	0	63	295	41	376
2043	0	0	0	265	0	265	220	3	0	68	291	26	378
2044	0	0	0	276	0	276	223	3	0	72	298	22	380
2045	0	0	0	288	0	288	232	3	0	78	313	25	383
2046	0	0	0	301	0	301	224	3	0	84	311	10	384
2047	0	0	0	314	0	314	225	3	0	89	318	3	384
2048	0	0	0	328	0	328	231	3	0	94	328	0	384
2049	0	0	0	343	0	343	232	3	0	102	337	(6)	383
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	0	1	36	6,982	0	7,019	6,986	202	0	1,356	8,544	1,525	
NPV	0	1	23	1,754	0	1,777	1,848	81	0	232	2,161	343	

Discount Rate

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

7.29 %
 1.22

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	183.30 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	245.23084 KW
(3) KW LINE LOSS PERCENTAGE	2.81 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	1,710,210.36 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	1.44990

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	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	3.71 %**

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	*** %

* 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 *INPUT DATA - PART 1 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)
2011	2	38	0	39	31	12	600	0	0	600
2012	0	0	0	0	64	24	0	0	0	0
2013	0	0	0	0	60	23	0	0	0	0
2014	0	0	0	0	61	22	0	0	0	0
2015	0	0	0	0	64	22	0	0	0	0
2016	0	0	0	0	67	21	0	0	0	0
2017	0	0	0	0	75	22	0	0	0	0
2018	2	38	0	40	94	23	714	0	0	714
2019	0	0	0	0	99	25	0	0	0	0
2020	0	0	0	0	103	27	0	0	0	0
2021	0	0	0	0	109	28	0	0	0	0
2022	0	0	0	0	113	28	0	0	0	0
2023	0	0	0	0	113	27	0	0	0	0
2024	0	0	0	0	119	26	0	0	0	0
2025	2	38	0	40	126	25	848	0	0	848
2026	0	0	0	0	129	24	0	0	0	0
2027	0	0	0	0	134	24	0	0	0	0
2028	0	0	0	0	137	24	0	0	0	0
2029	0	0	0	0	141	24	0	0	0	0
2030	0	0	0	0	146	25	0	0	0	0
2031	0	0	0	0	151	25	0	0	0	0
2032	3	38	0	40	159	25	1,008	0	0	1,008
2033	0	0	0	0	172	26	0	0	0	0
2034	0	0	0	0	180	26	0	0	0	0
2035	0	0	0	0	185	26	0	0	0	0
2036	0	0	0	0	199	26	0	0	0	0
2037	0	0	0	0	207	26	0	0	0	0
2038	0	0	0	0	213	26	0	0	0	0
2039	3	38	0	41	221	26	1,199	0	0	1,199
2040	0	0	0	0	228	26	0	0	0	0
2041	0	0	0	0	235	26	0	0	0	0
2042	0	0	0	0	246	27	0	0	0	0
2043	0	0	0	0	257	27	0	0	0	0
2044	0	0	0	0	269	27	0	0	0	0
2045	0	0	0	0	281	27	0	0	0	0
2046	4	38	0	41	293	27	1,425	0	0	1,425
2047	0	0	0	0	307	28	0	0	0	0
2048	0	0	0	0	321	28	0	0	0	0
2049	0	0	0	0	335	28	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	14	227	0	241	6,444	978	5,794	0	0	5,794
NPV	5	92	0	97	1,533	325	1,871	0	0	1,871

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

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

YEAR	(2) REG-YEAR RATE BASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPREC. \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2020	268	6	0	16	10	5	0	9	1	46	46	46	264
2021	259	6	0	15	6	5	0	9	4	45	42	87	271
2022	246	6	0	15	6	4	0	9	3	43	37	125	278
2023	234	5	0	14	6	4	0	9	3	41	33	158	285
2024	222	5	0	13	6	4	0	9	3	40	30	188	292
2025	211	5	0	12	6	4	0	9	2	38	27	215	299
2026	200	4	0	12	6	4	0	9	2	37	24	239	306
2027	189	4	0	11	6	4	0	9	1	35	22	261	314
2028	179	4	0	11	6	3	0	9	1	34	19	280	322
2029	169	4	0	10	5	3	0	9	1	33	17	298	330
2030	159	4	0	9	5	3	0	9	1	31	15	313	338
2031	149	3	0	9	5	3	0	9	1	30	14	327	347
2032	139	3	0	8	4	3	0	9	1	29	12	339	355
2033	129	3	0	8	4	3	0	9	1	27	11	350	364
2034	119	3	0	7	3	2	0	9	1	26	10	360	373
2035	109	2	0	6	3	2	0	9	1	25	9	368	383
2036	98	2	0	6	3	2	0	9	1	23	8	376	392
2037	88	2	0	5	2	2	0	9	1	22	7	382	402
2038	78	2	0	5	2	2	0	9	1	20	6	388	412
2039	68	2	0	4	2	2	0	9	1	19	5	393	422
2040	58	1	0	3	3	1	0	9	(1)	18	4	397	433
2041	50	1	0	3	5	1	0	9	(2)	17	4	401	444
2042	45	1	0	3	5	1	0	9	(2)	16	3	405	455
2043	39	1	0	2	5	1	0	9	(3)	15	3	408	466
2044	34	1	0	2	5	1	0	9	(3)	14	3	410	478
2045	28	1	0	2	5	1	0	9	(3)	13	2	412	490
2046	22	1	0	1	4	0	0	9	(3)	12	2	414	502
2047	17	0	0	1	4	0	0	9	(3)	12	2	416	515
2048	11	0	0	1	4	0	0	9	(3)	11	2	418	528
2049	6	0	0	0	4	0	0	9	(3)	10	1	419	541

IN SERVICE COST (\$000)	264
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFPEC TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.85%
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

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%	10	10	9	9	8	8	1	14	0	0	0	1	(3)
2021	7.22%	19	29	9	18	8	17	4	14	0	0	0	4	1
2022	6.68%	17	46	9	26	8	25	3	14	0	0	0	3	4
2023	6.18%	16	62	9	35	8	33	3	14	0	0	0	3	7
2024	5.71%	15	77	9	44	8	42	3	14	0	0	0	3	10
2025	5.29%	14	91	9	53	8	50	2	14	0	0	0	2	12
2026	4.89%	13	103	9	62	8	58	2	14	0	0	0	2	13
2027	4.52%	12	115	9	70	8	67	1	14	0	0	0	1	15
2028	4.46%	12	127	9	79	8	75	1	14	0	0	0	1	16
2029	4.46%	12	138	9	88	8	83	1	14	0	0	0	1	17
2030	4.46%	12	150	9	97	8	92	1	14	0	0	0	1	19
2031	4.46%	12	162	9	106	8	100	1	14	0	0	0	1	20
2032	4.46%	12	173	9	115	8	108	1	14	0	0	0	1	21
2033	4.46%	12	185	9	123	8	117	1	14	0	0	0	1	22
2034	4.46%	12	196	9	132	8	125	1	14	0	0	0	1	24
2035	4.46%	12	208	9	141	8	133	1	14	0	0	0	1	25
2036	4.46%	12	220	9	150	8	142	1	14	0	0	0	1	26
2037	4.46%	12	231	9	159	8	150	1	14	0	0	0	1	27
2038	4.46%	12	243	9	167	8	158	1	14	0	0	0	1	29
2039	4.46%	12	254	9	176	8	167	1	14	0	0	0	1	30
2040	2.23%	6	260	9	185	8	175	(1)	14	0	0	0	(1)	29
2041	0.00%	0	260	9	194	8	183	(3)	14	0	0	0	(3)	26
2042	0.00%	0	260	9	203	8	192	(3)	14	0	0	0	(3)	23
2043	0.00%	0	260	9	211	8	200	(3)	14	0	0	0	(3)	19
2044	0.00%	0	260	9	220	8	208	(3)	14	0	0	0	(3)	16
2045	0.00%	0	260	9	229	8	217	(3)	14	0	0	0	(3)	13
2046	0.00%	0	260	9	238	8	225	(3)	14	0	0	0	(3)	10
2047	0.00%	0	260	9	247	8	233	(3)	14	0	0	0	(3)	6
2048	0.00%	0	260	9	255	8	242	(3)	14	0	0	0	(3)	3
2049	0.00%	0	260	9	264	8	250	(3)	14	0	0	0	(3)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(4)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	14
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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

(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)
2020	3.75%	10	1	255	9	(3)	268	259	264
2021	7.22%	19	4	247	18	1	259	246	252
2022	6.68%	17	3	238	26	4	246	234	240
2023	6.18%	16	3	229	35	7	234	222	228
2024	5.71%	15	3	220	44	10	222	211	216
2025	5.29%	14	2	211	53	12	211	200	205
2026	4.89%	13	2	203	62	13	200	189	194
2027	4.52%	12	1	194	70	15	189	179	184
2028	4.46%	12	1	185	79	16	179	169	174
2029	4.46%	12	1	176	88	17	169	159	164
2030	4.46%	12	1	167	97	19	159	149	154
2031	4.46%	12	1	159	106	20	149	139	144
2032	4.46%	12	1	150	115	21	139	129	134
2033	4.46%	12	1	141	123	22	129	119	124
2034	4.46%	12	1	132	132	24	119	109	114
2035	4.46%	12	1	123	141	25	109	98	103
2036	4.46%	12	1	115	150	26	98	88	93
2037	4.46%	12	1	106	159	27	88	78	83
2038	4.46%	12	1	97	167	29	78	68	73
2039	4.46%	12	1	88	176	30	68	58	63
2040	2.23%	6	(1)	79	185	29	58	50	54
2041	0.00%	0	(3)	70	194	26	50	45	48
2042	0.00%	0	(3)	62	203	23	45	39	42
2043	0.00%	0	(3)	53	211	19	39	34	36
2044	0.00%	0	(3)	44	220	16	34	28	31
2045	0.00%	0	(3)	35	229	13	28	22	25
2046	0.00%	0	(3)	26	238	10	22	17	20
2047	0.00%	0	(3)	18	247	6	17	11	14
2048	0.00%	0	(3)	9	255	3	11	6	8
2049	0.00%	0	(3)	0	264	0	6	0	3

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2011	-9	0.00%	1.000	0.00%	0.00	0.00
2012	-8	3.00%	1.030	0.00%	0.00	0.00
2013	-7	3.00%	1.061	0.00%	0.00	0.00
2014	-6	3.00%	1.093	0.00%	0.00	0.00
2015	-5	3.00%	1.126	0.10%	0.87	0.43
2016	-4	3.00%	1.159	0.35%	3.20	2.47
2017	-3	3.00%	1.194	12.44%	119.17	63.66
2018	-2	3.00%	1.230	52.89%	520.29	383.39
2019	-1	3.00%	1.267	34.19%	346.42	816.75

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(4)* DEBT AFUDC (\$/KW)	100.00%		(6)* CUMULATIVE TOTAL AFUDC (\$/KW)	(7)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(8)* CUMULATIVE CPI (\$/KW)	(9)* DEFERRED TAXES (\$/KW)	(9)* DEFERRED TAXES (\$/KW)	(9)* DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
				(5) CUMULATIVE DEBT AFUDC (\$/KW)	(5) YEARLY TOTAL AFUDC (\$/KW)								
2011	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-5	0.43	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	0.50	0.50	0.50
2016	-4	2.50	0.06	0.07	0.17	0.20	0.14	0.16	(0.03)	(0.04)	3.37	4.27	4.27
2017	-3	63.86	1.44	1.50	4.27	4.47	3.51	3.67	(0.80)	(0.84)	123.44	127.72	127.72
2018	-2	387.86	8.24	10.24	26.00	30.47	21.29	24.96	(4.84)	(5.68)	546.29	674.01	674.01
2019	-1	847.22	19.18	29.42	57.05	87.52	46.29	71.25	(10.46)	(16.14)	403.47	1,077.48	1,077.48

IN SERVICE YEAR	2020
PLANT COSTS	799,858,777.8
AFUDCRATE	6.69%

29.42

87.52

71.25

(16.14)

1,077.48

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	243	243	243
EQUITY AFUDC	14		
DEBT AFUDC	7	7	
CPI			17
TOTAL	264	250	260

* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	(5) AVOIDED MARGINAL FUEL COST (C/kWh)	(6)* INCREASED MARGINAL FUEL COST (C/kWh)	(7) REPLACEMENT FUEL COST (C/kWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2011	1	1	3.91	3.91	5.93	0.00	1.00	1.00
2012	1	1	3.93	3.93	6.10	0.00	1.00	1.00
2013	1	1	4.08	4.08	6.43	0.00	1.00	1.00
2014	1	1	4.18	4.18	6.20	0.00	1.00	1.00
2015	1	1	4.47	4.47	6.67	0.00	1.00	1.00
2016	1	1	4.95	4.95	7.99	0.00	1.00	1.00
2017	1	1	5.42	5.42	9.08	0.00	1.00	1.00
2018	1	1	7.40	7.40	12.09	0.00	1.00	1.00
2019	1	1	7.77	7.77	11.52	0.00	1.00	1.00
2020	1	1	8.31	8.31	13.11	7.58	1.00	1.00
2021	1	1	8.82	8.82	13.07	7.47	1.00	1.00
2022	1	1	9.18	9.18	13.47	7.56	1.00	1.00
2023	1	1	9.66	9.66	14.05	8.02	1.00	1.00
2024	1	1	10.56	10.56	15.59	8.78	1.00	1.00
2025	1	1	11.30	11.30	16.57	9.27	1.00	1.00
2026	1	1	11.65	11.65	17.10	9.07	1.00	1.00
2027	1	1	12.05	12.05	17.56	9.32	1.00	1.00
2028	1	1	12.45	12.45	18.26	9.44	1.00	1.00
2029	1	1	12.75	12.75	18.49	9.51	1.00	1.00
2030	1	1	13.21	13.21	19.18	9.63	1.00	1.00
2031	1	1	13.49	13.49	19.64	9.82	1.00	1.00
2032	1	1	13.68	13.68	18.73	9.93	1.00	1.00
2033	1	1	14.09	14.09	20.08	10.05	1.00	1.00
2034	1	1	14.43	14.43	20.32	10.28	1.00	1.00
2035	1	1	14.70	14.70	20.52	10.55	1.00	1.00
2036	1	1	14.98	14.98	21.01	10.59	1.00	1.00
2037	1	1	15.26	15.26	21.34	10.74	1.00	1.00
2038	1	1	15.56	15.56	21.00	11.04	1.00	1.00
2039	1	1	15.81	15.81	20.13	11.11	1.00	1.00
2040	1	1	16.11	16.11	20.57	11.31	1.00	1.00
2041	1	1	16.45	16.45	21.55	11.48	1.00	1.00
2042	1	1	16.77	16.77	21.80	11.73	1.00	1.00
2043	1	1	17.03	17.03	20.45	11.81	1.00	1.00
2044	1	1	17.38	17.38	20.97	12.09	1.00	1.00
2045	1	1	17.75	17.75	22.25	12.31	1.00	1.00
2046	1	1	18.04	18.04	20.59	12.54	1.00	1.00
2047	1	1	18.40	18.40	20.71	12.73	1.00	1.00
2048	1	1	18.77	18.77	21.31	12.92	1.00	1.00
2049	1	1	19.10	19.10	21.06	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.

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	46	31	1	61	82	57
2021	45	32	1	111	135	53
2022	43	32	1	116	134	59
2023	41	33	1	116	133	60
2024	40	34	1	125	143	57
2025	38	35	1	138	155	57
2026	37	36	1	142	154	62
2027	35	37	1	147	160	60
2028	34	38	1	151	165	60
2029	33	39	2	154	166	61
2030	31	40	2	160	172	60
2031	30	40	2	163	175	60
2032	29	42	2	168	180	60
2033	27	43	2	177	189	59
2034	26	44	2	182	196	57
2035	25	45	2	185	201	55
2036	23	46	2	190	203	58
2037	22	47	2	194	207	58
2038	20	48	2	197	212	55
2039	19	49	2	200	213	58
2040	18	51	2	204	217	57
2041	17	52	2	208	220	58
2042	16	53	2	211	225	57
2043	15	54	2	215	227	60
2044	14	56	2	218	232	59
2045	13	57	2	222	236	60
2046	12	59	3	226	240	60
2047	12	60	3	230	243	61
2048	11	62	3	234	247	62
2049	10	63	3	237	250	64
0	0	0	0	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	781	1,355	57	5,280	5,709	1,763
NPV	222	274	11	1,037	1,144	400

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	23	0	23
2019	0	0	25	0	25
2020	13	17	27	0	23
2021	24	31	29	0	22
2022	25	33	32	0	24
2023	25	33	34	0	26
2024	27	35	37	0	29
2025	30	39	40	0	31
2026	33	43	43	0	33
2027	36	47	46	0	36
2028	39	51	50	0	38
2029	42	55	54	0	41
2030	46	60	58	0	44
2031	50	65	62	0	47
2032	54	71	67	0	50
2033	61	79	72	0	53
2034	66	86	77	0	57
2035	71	92	83	0	62
2036	77	100	89	0	66
2037	83	108	96	0	71
2038	89	116	103	0	76
2039	95	124	111	0	82
2040	103	134	119	0	88
2041	110	144	128	0	95
2042	119	155	138	0	102
2043	127	166	148	0	109
2044	137	178	159	0	118
2045	147	192	171	0	126
2046	158	206	184	0	136
2047	169	222	199	0	146
2048	182	238	214	0	157
2049	195	256	230	0	169
	0	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	2,432	3,176	2,948	0	2,205
NPV	372	486	486	0	372

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

(1) YEAR	(2) SAVINGS IN PARTICIPANTS BILLS \$(000)	(3) TAX CREDITS \$(000)	(4) UTILITY REBATES \$(000)	(5) OTHER BENEFITS \$(000)	(6) TOTAL BENEFITS \$(000)	(7) CUSTOMER EQUIPMENT COSTS \$(000)	(8) CUSTOMER O&M COSTS \$(000)	(9) OTHER COSTS \$(000)	(10) TOTAL COSTS \$(000)	(11) NET BENEFITS \$(000)	(12) CUMULATIVE DISCOUNTED NET BENEFITS \$(000)
2011	49	0	38	0	87	600	0	0	600	(514)	(514)
2012	102	0	0	0	102	0	0	0	0	102	(419)
2013	95	0	0	0	95	0	0	0	0	95	(336)
2014	96	0	0	0	96	0	0	0	0	96	(259)
2015	99	0	0	0	99	0	0	0	0	99	(184)
2016	102	0	0	0	102	0	0	0	0	102	(113)
2017	113	0	0	0	113	0	0	0	0	113	(39)
2018	136	0	38	0	174	714	0	0	714	(540)	(369)
2019	144	0	0	0	144	0	0	0	0	144	(287)
2020	151	0	0	0	151	0	0	0	0	151	(207)
2021	160	0	0	0	160	0	0	0	0	160	(128)
2022	165	0	0	0	165	0	0	0	0	165	(52)
2023	162	0	0	0	162	0	0	0	0	162	18
2024	169	0	0	0	169	0	0	0	0	169	86
2025	176	0	38	0	214	848	0	0	848	(634)	(151)
2026	180	0	0	0	180	0	0	0	0	180	(88)
2027	186	0	0	0	186	0	0	0	0	186	(28)
2028	190	0	0	0	190	0	0	0	0	190	29
2029	194	0	0	0	194	0	0	0	0	194	84
2030	201	0	0	0	201	0	0	0	0	201	137
2031	207	0	0	0	207	0	0	0	0	207	187
2032	216	0	38	0	254	1,008	0	0	1,008	(754)	15
2033	233	0	0	0	233	0	0	0	0	233	65
2034	243	0	0	0	243	0	0	0	0	243	113
2035	249	0	0	0	249	0	0	0	0	249	159
2036	266	0	0	0	266	0	0	0	0	266	205
2037	275	0	0	0	275	0	0	0	0	275	249
2038	282	0	0	0	282	0	0	0	0	282	291
2039	292	0	38	0	330	1,199	0	0	1,199	(869)	170
2040	300	0	0	0	300	0	0	0	0	300	209
2041	310	0	0	0	310	0	0	0	0	310	246
2042	323	0	0	0	323	0	0	0	0	323	283
2043	336	0	0	0	336	0	0	0	0	336	318
2044	351	0	0	0	351	0	0	0	0	351	352
2045	365	0	0	0	365	0	0	0	0	365	386
2046	381	0	38	0	419	1,425	0	0	1,425	(1,006)	300
2047	397	0	0	0	397	0	0	0	0	397	332
2048	414	0	0	0	414	0	0	0	0	414	362
2049	432	0	0	0	432	0	0	0	0	432	392
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	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	8,741	0	227	0	8,968	5,794	0	0	5,794	3,173	
NPV	2,171	0	92	0	2,263	1,871	0	0	1,871	392	

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

2020
 7.29 %
 1.21

1 RATE IMPACT TEST
 2 PROGRAM METHOD SELECTED: REV REQ
 3 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)
2011	0	2	38	43	0	82	33	0	0	0	34	(48)	(48)
2012	0	0	0	89	0	89	67	0	0	0	67	(21)	(68)
2013	0	0	0	83	0	83	70	0	0	0	70	(13)	(80)
2014	0	0	0	83	0	83	71	0	0	0	72	(12)	(89)
2015	0	0	0	86	0	86	76	0	0	0	77	(9)	(96)
2016	0	0	0	88	0	88	85	0	0	0	85	(3)	(98)
2017	0	0	0	97	0	97	93	0	0	0	93	(4)	(101)
2018	0	2	38	117	0	156	127	0	0	0	85	(7)	(105)
2019	0	0	0	124	0	124	133	0	0	23	150	26	(86)
2020	0	0	0	130	0	130	199	0	0	25	158	34	(65)
2021	0	0	0	138	0	138	204	0	0	23	222	92	(37)
2022	0	0	0	141	0	141	216	0	0	22	226	88	6
2023	0	0	0	139	0	139	225	0	0	24	240	99	52
2024	0	0	0	145	0	145	238	0	0	26	251	112	100
2025	0	2	38	150	0	190	250	0	0	29	266	122	149
2026	0	0	0	153	0	153	262	0	0	31	281	90	183
2027	0	0	0	158	0	158	266	0	0	33	295	141	232
2028	0	0	0	162	0	162	272	0	0	36	302	143	278
2029	0	0	0	165	0	165	279	0	0	38	311	149	323
2030	0	0	0	171	0	171	286	0	0	41	320	155	367
2031	0	0	0	176	0	176	290	0	0	44	330	159	408
2032	0	3	38	184	0	224	294	0	0	47	338	162	448
2033	0	0	0	198	0	198	300	0	0	50	344	120	475
2034	0	0	0	206	0	206	304	0	0	53	354	156	508
2035	0	0	0	211	0	211	307	0	0	57	361	155	539
2036	0	0	0	225	0	225	314	0	0	62	368	157	568
2037	0	0	0	233	0	233	319	0	0	66	380	155	595
2038	0	0	0	239	0	239	322	0	0	71	389	157	620
2039	0	3	38	247	0	288	328	0	0	76	398	159	644
2040	0	0	0	254	0	254	333	0	0	82	410	122	661
2041	0	0	0	262	0	262	339	0	0	88	421	167	683
2042	0	0	0	273	0	273	344	0	0	95	434	172	703
2043	0	0	0	284	0	284	351	0	0	102	446	173	723
2044	0	0	0	296	0	296	357	0	0	109	461	177	741
2045	0	0	0	308	0	308	363	0	0	118	474	179	759
2046	0	4	38	321	0	362	368	0	0	126	490	182	776
2047	0	0	0	334	0	334	376	0	0	136	504	142	788
2048	0	0	0	348	0	348	383	0	0	146	522	188	803
2049	0	0	0	363	0	363	390	0	0	157	540	192	817
	0	0	0	0	0	0	0	0	0	169	559	196	830
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	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	0	14	227	7,421	0	7,662	9,834	0	0	2,205	12,039	4,376	
NPV	0	5	92	1,857	0	1,954	2,412	0	0	372	2,784	830	

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

7.29 %
 1.42

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	59.25 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	79.14 KW
(3) KW LINE LOSS PERCENTAGE	8.66 %
(4) GENERATOR KW/L REDUCTION PER CUSTOMER	644,968.26 kWh
(5) KW/L LINE LOSS PERCENTAGE	6.90 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER KW/L 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	1.70738
(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	*** %

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	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	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/MD
(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 CALCULATION OF GEN K-FACTOR
 2 PROGRAM METHOD SELECTED REV KEY
 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	86	3	0	6	4	1	3	0	18	18	18	84
2020	83	3	0	6	3	1	3	1	18	16	34	86
2021	79	2	0	5	3	1	3	1	17	14	48	89
2022	74	2	0	5	3	1	3	1	16	12	61	91
2023	70	2	0	5	3	1	3	1	15	11	72	93
2024	66	2	0	5	3	1	3	0	15	10	82	95
2025	62	2	0	4	3	1	3	0	14	9	90	98
2026	59	2	0	4	3	1	3	0	14	8	98	100
2027	55	2	0	4	2	1	3	0	13	7	104	103
2028	51	2	0	4	2	1	3	0	13	6	110	105
2029	48	1	0	3	2	1	3	0	12	5	115	108
2030	44	1	0	3	2	1	3	0	11	4	120	111
2031	40	1	0	3	2	1	3	0	11	4	124	113
2032	37	1	0	3	2	1	3	0	10	3	127	116
2033	33	1	0	2	1	1	3	0	10	3	130	119
2034	30	1	0	2	1	1	3	0	9	3	132	122
2035	26	1	0	2	1	1	3	0	9	2	135	125
2036	22	1	0	2	1	0	3	0	8	2	137	128
2037	19	1	0	1	1	0	3	0	7	2	138	131
2038	15	0	0	1	1	0	3	0	7	1	140	135
2039	12	0	0	1	1	0	3	0	6	1	141	138
2040	9	0	0	1	2	0	3	(1)	6	1	142	142
2041	7	0	0	0	2	0	3	(1)	6	1	143	145
2042	4	0	0	0	2	0	3	(1)	5	1	143	149
2043	2	0	0	0	1	0	3	(1)	5	1	144	152

IN SERVICE COST (\$000)	84
IN SERVICE YEAR	2019
BOOK LIFE (YRS)	25
EFFECT. TAX RATE	38.575
DISCOUNT RATE	8.9%
PROPERTY TAX	1.80%
PROPERTY INSURANCE	0.61%

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

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

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	3	3	3	3	0	\$	0	0	0	0	(2)
2020	7.22%	6	9	3	7	3	6	1	\$	0	0	0	1	(1)
2021	6.68%	5	14	3	10	3	9	1	\$	0	0	0	1	(9)
2022	6.18%	5	20	3	13	3	12	1	\$	0	0	0	1	1
2023	5.71%	5	24	3	17	3	15	1	\$	0	0	0	1	1
2024	5.29%	4	29	3	20	3	18	0	\$	0	0	0	0	2
2025	4.89%	4	33	3	24	3	21	0	\$	0	0	0	0	2
2026	4.52%	4	36	3	27	3	24	0	\$	0	0	0	0	2
2027	4.46%	4	40	3	30	3	28	0	\$	0	0	0	0	3
2028	4.46%	4	44	3	34	3	31	0	\$	0	0	0	0	3
2029	4.46%	4	47	3	37	3	34	0	\$	0	0	0	0	3
2030	4.46%	4	51	3	40	3	37	0	\$	0	0	0	0	3
2031	4.46%	4	55	3	44	3	40	0	\$	0	0	0	0	4
2032	4.46%	4	58	3	47	3	43	0	\$	0	0	0	0	4
2033	4.46%	4	62	3	51	3	46	0	\$	0	0	0	0	4
2034	4.46%	4	65	3	54	3	49	0	\$	0	0	0	0	4
2035	4.46%	4	69	3	57	3	52	0	\$	0	0	0	0	4
2036	4.46%	4	73	3	61	3	55	0	\$	0	0	0	0	4
2037	4.46%	4	76	3	64	3	58	0	\$	0	0	0	0	5
2038	4.46%	4	80	3	67	3	61	0	\$	0	0	0	0	5
2039	2.23%	2	82	3	71	3	64	(9)	\$	0	0	0	0	5
2040	0.00%	0	82	3	74	3	67	(1)	\$	0	0	0	0	4
2041	0.00%	0	82	3	78	3	70	(1)	\$	0	0	0	0	2
2042	0.00%	0	82	3	81	3	73	(1)	\$	0	0	0	0	1
2043	0.00%	0	82	3	84	3	76	(1)	\$	0	0	0	0	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)	\$
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

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

(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)
2019	3.75%	3	0	81	3	(2)	86	83	85
2020	7.22%	6	1	78	7	(1)	83	79	81
2021	6.68%	5	1	74	10	(0)	79	74	76
2022	6.18%	5	1	71	13	1	74	70	72
2023	5.71%	5	1	67	17	1	70	66	68
2024	5.29%	4	0	64	20	2	66	62	64
2025	4.89%	4	0	61	24	2	62	59	60
2026	4.52%	4	0	57	27	2	59	55	57
2027	4.46%	4	0	54	30	3	55	51	53
2028	4.46%	4	0	51	34	3	51	48	49
2029	4.46%	4	0	47	37	3	48	44	46
2030	4.46%	4	0	44	40	3	44	40	42
2031	4.46%	4	0	40	44	4	40	37	39
2032	4.46%	4	0	37	47	4	37	33	35
2033	4.46%	4	0	34	51	4	33	30	31
2034	4.46%	4	0	30	54	4	30	26	28
2035	4.46%	4	0	27	57	4	26	22	24
2036	4.46%	4	0	24	61	5	22	19	21
2037	4.46%	4	0	20	64	5	19	15	17
2038	4.46%	4	0	17	67	5	15	12	13
2039	2.23%	2	(0)	13	71	5	12	9	10
2040	0.00%	0	(1)	10	74	4	9	7	8
2041	0.00%	0	(1)	7	78	2	7	4	5
2042	0.00%	0	(1)	3	81	1	4	2	3
2043	0.00%	0	(1)	0	84	0	2	0	1

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2009	-10	0.00%	1.000	0.00%	0.00	0.00
2010	-9	3.00%	1.030	0.00%	0.00	0.00
2011	-8	3.00%	1.061	0.00%	0.00	0.00
2012	-7	3.00%	1.093	0.00%	0.00	0.00
2013	-6	3.00%	1.126	0.15%	1.24	0.62
2014	-5	3.00%	1.159	1.90%	15.99	9.24
2015	-4	3.00%	1.194	4.57%	39.61	37.03
2016	-3	3.00%	1.230	37.20%	331.87	222.77
2017	-2	3.00%	1.267	45.74%	420.27	598.84
2018	-1	3.00%	1.305	10.44%	98.79	838.38

100.00% 907.77

YEAR	NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a)* DEBT AFUDC (\$/KW)	(8b)* CUMULATIVE DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9c)* CUMULATIVE CFI (\$/KW)	(9d)* DEFERRED TAXES (\$/KW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2009	-10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-6	0.62	0.02	0.02	0.05	0.05	0.04	0.04	(0.01)	(0.01)	1.29	1.29
2014	-5	9.29	0.29	0.30	0.79	0.84	0.65	0.70	(0.14)	(0.15)	16.78	18.07
2015	-4	37.87	1.18	1.49	3.22	4.06	2.65	3.35	(0.57)	(0.72)	42.83	60.90
2016	-3	226.84	7.07	8.56	19.29	23.36	15.90	19.25	(3.41)	(4.13)	351.16	412.06
2017	-2	622.20	19.46	28.01	53.10	76.45	43.47	62.72	(9.26)	(13.39)	473.37	885.43
2018	-1	934.83	29.46	57.47	80.39	156.84	64.78	127.50	(13.63)	(27.02)	179.18	1,064.61

57.47

156.84

127.50

(27.02)

1,064.61

IN SERVICE YEAR	2019
PLANT COSTS	725,389,805.55
AFUDC RATE	8.48%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	72	72	72
EQUITY AFUDC	8		
DEBT AFUDC	5	5	
CFI			10
TOTAL	84	76	82

* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C&Wh)	(5) AVOIDED MARGINAL FUEL COST (C&Wh)	(6)* INCREASED MARGINAL FUEL COST (C&Wh)	(7) REPLACEMENT FUEL COST (C&Wh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KW EFFECTIVENESS FACTOR
2009	0	0	6.79	9.17	6.79	0.00	1.00	1.00
2010	1	1	6.41	13.21	6.43	0.00	1.00	1.00
2011	1	1	6.35	10.24	6.36	0.00	1.00	1.00
2012	1	1	6.43	11.93	6.44	0.00	1.00	1.00
2013	1	1	7.06	9.89	7.07	0.00	1.00	1.00
2014	1	1	7.53	10.51	7.53	0.00	1.00	1.00
2015	1	1	8.11	12.27	8.13	0.00	1.00	1.00
2016	1	1	9.00	13.17	9.02	0.00	1.00	1.00
2017	1	1	9.75	14.29	9.77	0.00	1.00	1.00
2018	1	1	10.52	14.91	10.54	0.00	1.00	1.00
2019	1	1	11.50	18.73	11.53	10.41	1.00	1.00
2020	1	1	12.08	18.48	12.11	10.50	1.00	1.00
2021	1	1	12.57	19.63	12.59	10.74	1.00	1.00
2022	1	1	13.06	21.00	13.09	10.81	1.00	1.00
2023	1	1	13.39	19.86	13.42	10.80	1.00	1.00
2024	1	1	13.95	20.87	13.98	10.84	1.00	1.00
2025	1	1	14.40	21.34	14.43	10.96	1.00	1.00
2026	1	1	14.70	21.59	14.73	11.05	1.00	1.00
2027	1	1	15.13	22.14	15.16	11.17	1.00	1.00
2028	1	1	15.60	22.75	15.63	11.36	1.00	1.00
2029	1	1	16.02	22.67	16.06	11.41	1.00	1.00
2030	1	1	16.52	23.40	16.55	11.59	1.00	1.00
2031	1	1	17.08	24.20	17.11	11.80	1.00	1.00
2032	1	1	17.50	24.31	17.53	11.88	1.00	1.00
2033	1	1	18.27	25.21	18.30	12.10	1.00	1.00
2034	1	1	18.73	25.54	18.75	12.14	1.00	1.00
2035	1	1	19.57	26.75	19.59	12.29	1.00	1.00
2036	1	1	20.40	27.96	20.40	12.55	1.00	1.00
2037	1	1	21.11	28.88	21.12	12.70	1.00	1.00
2038	1	1	22.02	29.84	22.03	13.04	1.00	1.00
2039	1	1	22.78	30.83	22.79	13.32	1.00	1.00
2040	1	1	23.59	31.53	23.60	13.44	1.00	1.00
2041	1	1	24.54	32.83	24.54	13.75	1.00	1.00
2042	1	1	25.50	34.02	25.51	14.10	1.00	1.00
2043	1	1	26.74	35.90	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
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 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 _____	312.76 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER _____	418.43097 kW
(3) kW LINE LOSS PERCENTAGE _____	8.81 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER _____	1,358,776.86 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 _____	1.55564

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 _____	2021
(3) IN-SERVICE YEAR FOR AVOIDED T&D _____	2015-2021
(4) BASE YEAR AVOIDED GENERATING COST _____	\$23.85 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST _____	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST _____	17.62 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE _____	3.00 %**
(8) GENERATOR FIXED O & M COST _____	103.79 \$/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 _____	0.51 \$/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 _____	5.44 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE _____	8.58 %**

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 CALCULATION OF GEN K-FACTOR
 2 PROGRAM METHOD SELECTED REV_REQ
 3 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)
2021	471	11	0	28	17	8	0	15	81	81	81	464
2022	455	10	0	27	10	8	0	15	78	73	154	476
2023	432	10	0	26	10	8	0	15	6	75	219	488
2024	411	9	0	24	11	8	0	15	5	73	278	500
2025	390	9	0	23	11	7	0	15	4	70	331	513
2026	370	8	0	22	11	7	0	15	4	67	378	525
2027	351	8	0	21	11	7	0	15	3	65	420	539
2028	332	7	0	20	11	6	0	15	2	62	458	552
2029	315	7	0	19	10	6	0	15	2	60	493	566
2030	297	7	0	18	9	6	0	15	2	57	523	580
2031	279	6	0	17	9	6	0	15	2	55	550	594
2032	262	6	0	15	8	5	0	15	2	53	574	609
2033	244	5	0	14	7	5	0	15	2	50	596	625
2034	226	5	0	13	7	5	0	15	2	48	615	640
2035	208	5	0	12	6	4	0	15	2	45	632	656
2036	191	4	0	11	5	4	0	15	2	43	647	673
2037	173	4	0	10	5	4	0	15	2	41	660	689
2038	155	3	0	9	4	4	0	15	2	38	672	707
2039	138	3	0	8	3	3	0	15	2	36	682	724
2040	120	3	0	7	3	3	0	15	2	34	691	742
2041	102	2	0	6	6	3	0	15	(2)	31	698	761
2042	88	2	0	5	9	2	0	15	(6)	29	705	780
2043	79	2	0	5	9	2	0	15	(6)	28	711	799
2044	69	2	0	4	9	2	0	15	(6)	26	716	819
2045	59	1	0	3	8	1	0	15	(6)	25	721	840
2046	49	1	0	3	8	1	0	15	(6)	23	725	861
2047	39	1	0	2	8	1	0	15	(6)	22	728	882
2048	29	1	0	2	7	1	0	15	(6)	21	731	905
2049	20	0	0	1	7	0	0	15	(6)	19	734	927
2050	10	0	0	1	7	0	0	15	(6)	18	736	950

IN SERVICE COST (\$000)	464
IN SERVICE YEAR	2021
BOOKLIFE (YRS)	30
EFFEC. TAX RATE	38.575
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

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

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

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2021	3.75%	17	17	15	15	15	15	1	25	0	0	0	1	(6)
2022	7.22%	33	50	15	31	15	29	7	25	0	0	0	7	1
2023	6.68%	31	81	15	46	15	44	6	25	0	0	0	6	7
2024	6.18%	28	109	15	62	15	59	5	25	0	0	0	5	12
2025	5.71%	26	135	15	77	15	73	4	25	0	0	0	4	17
2026	5.29%	24	159	15	93	15	88	4	25	0	0	0	4	21
2027	4.89%	22	182	15	108	15	103	3	25	0	0	0	3	24
2028	4.52%	21	202	15	124	15	117	2	25	0	0	0	2	26
2029	4.46%	20	223	15	139	15	132	2	25	0	0	0	2	28
2030	4.46%	20	243	15	155	15	146	2	25	0	0	0	2	30
2031	4.46%	20	264	15	170	15	161	2	25	0	0	0	2	33
2032	4.46%	20	284	15	186	15	176	2	25	0	0	0	2	35
2033	4.46%	20	304	15	201	15	190	2	25	0	0	0	2	37
2034	4.46%	20	325	15	217	15	205	2	25	0	0	0	2	39
2035	4.46%	20	345	15	232	15	220	2	25	0	0	0	2	41
2036	4.46%	20	366	15	248	15	234	2	25	0	0	0	2	44
2037	4.46%	20	386	15	263	15	249	2	25	0	0	0	2	46
2038	4.46%	20	406	15	279	15	264	2	25	0	0	0	2	48
2039	4.46%	20	427	15	294	15	278	2	25	0	0	0	2	50
2040	4.46%	20	447	15	310	15	293	2	25	0	0	0	2	53
2041	2.23%	10	457	15	325	15	308	(2)	25	0	0	0	(2)	51
2042	0.00%	0	457	15	341	15	322	(6)	25	0	0	0	(6)	45
2043	0.00%	0	457	15	356	15	337	(6)	25	0	0	0	(6)	40
2044	0.00%	0	457	15	372	15	351	(6)	25	0	0	0	(6)	34
2045	0.00%	0	457	15	387	15	366	(6)	25	0	0	0	(6)	28
2046	0.00%	0	457	15	402	15	381	(6)	25	0	0	0	(6)	23
2047	0.00%	0	457	15	418	15	395	(6)	25	0	0	0	(6)	17
2048	0.00%	0	457	15	433	15	410	(6)	25	0	0	0	(6)	11
2049	0.00%	0	457	15	449	15	425	(6)	25	0	0	0	(6)	6
2050	0.00%	0	457	15	464	15	439	(6)	25	0	0	0	(6)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2050
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(7)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	25
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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

(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)
2021	3.75%	17	1	449	15	(6)	471	455	453
2022	7.22%	33	7	433	31	1	455	432	444
2023	6.68%	31	6	418	46	7	432	411	422
2024	6.18%	28	5	402	62	12	411	390	400
2025	5.71%	26	4	387	77	17	390	370	380
2026	5.29%	24	4	372	93	21	370	351	360
2027	4.89%	22	3	356	108	24	351	332	342
2028	4.52%	21	2	341	124	26	332	315	324
2029	4.46%	20	2	325	139	28	315	297	306
2030	4.46%	20	2	310	155	30	297	279	288
2031	4.46%	20	2	294	170	33	279	262	270
2032	4.46%	20	2	279	186	35	262	244	253
2033	4.46%	20	2	263	201	37	244	226	235
2034	4.46%	20	2	248	217	39	226	208	217
2035	4.46%	20	2	232	232	41	208	191	200
2036	4.46%	20	2	217	248	44	191	173	182
2037	4.46%	20	2	201	263	46	173	155	164
2038	4.46%	20	2	186	279	48	155	138	146
2039	4.46%	20	2	170	294	50	138	120	129
2040	4.46%	20	2	155	310	53	120	102	111
2041	2.23%	10	(2)	139	325	51	102	88	95
2042	0.00%	0	(6)	124	341	45	88	79	84
2043	0.00%	0	(6)	108	356	40	79	69	74
2044	0.00%	0	(6)	93	372	34	69	59	64
2045	0.00%	0	(6)	77	387	28	59	49	54
2046	0.00%	0	(6)	62	402	23	49	39	44
2047	0.00%	0	(6)	46	418	17	39	29	34
2048	0.00%	0	(6)	31	433	11	29	20	25
2049	0.00%	0	(6)	15	449	6	20	10	15
2050	0.00%	0	(6)	0	464	0	10	0	5

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2012	-9	0.00%	1.000	0.00%	0.00	0.00
2013	-8	3.00%	1.030	0.00%	0.00	0.00
2014	-7	3.00%	1.061	0.00%	0.00	0.00
2015	-6	3.00%	1.093	0.00%	0.00	0.00
2016	-5	3.00%	1.126	0.10%	0.90	0.45
2017	-4	3.00%	1.159	0.35%	3.30	2.55
2018	-3	3.00%	1.194	12.48%	122.75	65.57
2019	-2	3.00%	1.230	52.89%	535.90	394.89
2020	-1	3.00%	1.267	34.19%	356.82	841.25

100.00% 1,019.66

YEAR	(8) NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/kW)	(8a)* DEBT AFUDC (\$/kW)	(8b)* DEBT AFUDC (\$/kW)	(9) YEARLY TOTAL AFUDC (\$/kW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/kW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/kW)	(9c)* CUMULATIVE CPI (\$/kW)	(9d)* DEFERRED TAXES (\$/kW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/kW)	(10) YEAR-END BOOK VALUE (\$/kW)	(11) YEAR-END CUMULATIVE BOOK VALUE (\$/kW)
2012	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	-5	0.45	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	0.93	0.93
2017	-4	2.58	0.06	0.07	0.17	0.20	0.14	0.17	(0.03)	(0.04)	3.47	4.40
2018	-3	65.77	1.48	1.55	4.40	4.60	3.62	3.78	(0.82)	(0.86)	127.15	131.55
2019	-2	399.50	9.00	10.55	26.78	31.38	21.93	25.71	(4.99)	(5.85)	562.68	694.23
2020	-1	872.64	19.75	30.30	58.76	90.14	47.68	73.39	(10.77)	(16.62)	415.58	1,109.81

30.30

90.14

73.39

(16.62)

1,109.81

IN SERVICE YEAR	2021
PLANT COSTS	823.8545411
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	427	427	427
EQUITY AFUDC	25		
DEBT AFUDC	13	13	
CPI			31
TOTAL	464	439	457

* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	(5) AVOIDED MARGINAL FUEL COST (C/kWh)	(6)* INCREASED MARGINAL FUEL COST (C/kWh)	(7) REPLACEMENT FUEL COST (C/kWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2012	1	1	3.19	5.40	3.19	0.00	1.00	1.00
2013	1	1	3.49	5.14	3.49	0.00	1.00	1.00
2014	1	1	3.67	5.54	3.67	0.00	1.00	1.00
2015	1	1	3.92	5.53	3.92	0.00	1.00	1.00
2016	1	1	4.33	6.05	4.33	0.00	1.00	1.00
2017	1	1	4.69	7.13	4.69	0.00	1.00	1.00
2018	1	1	5.03	7.96	5.03	0.00	1.00	1.00
2019	1	1	5.20	7.59	5.20	0.00	1.00	1.00
2020	1	1	5.59	8.49	5.59	0.00	1.00	1.00
2021	1	1	6.14	9.70	6.14	6.83	1.00	1.00
2022	1	1	6.48	10.12	6.48	6.80	1.00	1.00
2023	1	1	6.71	10.07	6.71	7.14	1.00	1.00
2024	1	1	7.25	11.38	7.25	7.73	1.00	1.00
2025	1	1	7.60	11.55	7.60	8.12	1.00	1.00
2026	1	1	7.72	11.51	7.72	8.11	1.00	1.00
2027	1	1	7.89	11.59	7.89	8.22	1.00	1.00
2028	1	1	7.97	11.75	7.97	8.25	1.00	1.00
2029	1	1	8.04	11.89	8.04	8.30	1.00	1.00
2030	1	1	8.17	12.14	8.17	8.46	1.00	1.00
2031	1	1	8.20	12.31	8.20	8.55	1.00	1.00
2032	1	1	8.20	11.53	8.20	8.56	1.00	1.00
2033	1	1	8.36	12.47	8.36	8.76	1.00	1.00
2034	1	1	8.45	12.49	8.45	8.87	1.00	1.00
2035	1	1	8.51	11.70	8.51	8.95	1.00	1.00
2036	1	1	8.69	12.82	8.69	9.10	1.00	1.00
2037	1	1	8.68	11.59	8.68	9.14	1.00	1.00
2038	1	1	8.77	11.78	8.77	9.29	1.00	1.00
2039	1	1	8.91	12.40	8.91	9.40	1.00	1.00
2040	1	1	8.96	11.78	8.96	9.55	1.00	1.00
2041	1	1	9.09	12.41	9.09	9.76	1.00	1.00
2042	1	1	9.22	12.46	9.22	10.00	1.00	1.00
2043	1	1	9.33	12.29	9.33	10.12	1.00	1.00
2044	1	1	9.45	12.66	9.45	10.27	1.00	1.00
2045	1	1	9.56	12.67	9.56	10.47	1.00	1.00
2046	1	1	9.70	12.89	9.70	10.66	1.00	1.00
2047	1	1	9.81	12.64	9.81	10.82	1.00	1.00
2048	1	1	9.98	13.01	9.98	11.01	1.00	1.00
2049	1	1	10.13	13.11	10.13	11.23	1.00	1.00
2050	1	1	10.27	12.94	10.27	11.39	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

* 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: ██████████

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	0	0	0	0	0	0
2020	0	0	0	0	0	0
2021	81	54	1	109	137	108
2022	78	56	2	198	228	107
2023	75	57	2	205	230	110
2024	73	58	2	217	247	104
2025	70	60	3	232	260	104
2026	67	61	3	238	262	108
2027	65	63	3	250	274	106
2028	62	64	3	255	276	108
2029	60	66	3	261	279	111
2030	57	68	3	266	286	109
2031	55	69	3	272	289	110
2032	53	71	3	278	292	113
2033	50	73	3	286	302	111
2034	48	75	3	292	307	111
2035	45	77	4	298	310	113
2036	43	79	4	305	317	113
2037	41	81	4	310	319	116
2038	38	83	4	316	324	116
2039	36	85	4	322	328	118
2040	34	87	4	327	333	118
2041	31	89	4	333	341	117
2042	29	91	4	340	349	115
2043	28	93	4	346	354	118
2044	26	96	4	352	359	119
2045	25	98	5	358	366	120
2046	23	101	5	365	373	121
2047	22	103	5	371	379	123
2048	21	106	5	378	385	124
2049	19	108	5	385	393	124
2050	18	111	5	392	398	127
	0	0	0	0	0	0
	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	1,373	2,381	108	8,856	9,297	3,420
NPV	391	481	21	1,774	1,907	760

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2012	0	0	0	0	0	0	40	0
2013	10	1	12	1	0	1	74	0
2014	10	1	11	1	0	1	80	0
2015	10	1	11	1	0	1	80	0
2016	9	2	11	1	0	1	87	0
2017	9	2	11	1	0	1	104	0
2018	9	2	10	1	0	1	116	0
2019	8	2	10	1	0	1	110	0
2020	8	2	10	1	0	1	123	0
2021	8	2	10	1	0	1	142	0
2022	8	2	9	1	0	1	148	0
2023	7	2	9	1	0	1	146	0
2024	7	2	9	1	0	1	166	0
2025	7	2	9	1	0	1	168	0
2026	6	2	8	1	0	1	167	0
2027	6	2	8	1	0	1	168	0
2028	6	2	8	1	0	1	170	0
2029	6	2	8	0	0	1	172	0
2030	5	2	8	0	0	1	176	0
2031	5	2	7	0	0	1	179	0
2032	5	2	7	0	0	1	166	0
2033	5	2	7	0	0	1	181	0
2034	4	2	7	0	0	1	181	0
2035	4	2	7	0	0	1	168	0
2036	4	2	7	0	0	1	186	0
2037	4	3	7	0	0	1	166	0
2038	4	3	6	0	0	1	168	0
2039	4	3	6	0	0	1	178	0
2040	4	3	6	0	0	1	168	0
2041	3	3	6	0	0	1	178	0
2042	3	3	6	0	0	1	178	0
2043	3	3	6	0	0	0	175	0
2044	3	3	6	0	0	0	181	0
2045	3	3	6	0	0	0	181	0
2046	3	3	6	0	0	0	184	0
2047	3	3	6	0	0	0	180	0
2048	2	3	6	0	0	0	185	0
2049	2	3	6	0	0	0	186	0
2050	2	4	6	0	0	0	183	0
0	0	0	0	0	0	0	0	0
0	0	0	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.	210	87	298	16	10	26	5,989	0
NPV	93	24	117	8	3	11	1,742	0

* 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]

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)
2012	0	0	0	0	0
2013	0	0	1	0	1
2014	0	0	1	0	1
2015	0	0	1	0	1
2016	0	0	0	0	0
2017	0	0	1	0	1
2018	0	0	1	0	1
2019	0	0	1	0	1
2020	0	0	1	0	1
2021	0	0	1	0	1
2022	0	0	1	0	1
2023	10	14	6	0	3
2024	12	16	8	0	4
2025	14	18	8	0	4
2026	16	20	9	0	4
2027	18	24	10	0	5
2028	21	27	12	0	5
2029	24	31	13	0	6
2030	27	36	15	0	7
2031	31	41	17	0	8
2032	35	46	19	0	8
2033	40	52	22	0	9
2034	45	59	24	0	10
2035	51	66	26	0	11
2036	57	74	29	0	12
2037	63	82	32	0	13
2038	70	91	36	0	15
2039	77	101	40	0	16
2040	85	111	44	0	18
2041	94	122	48	0	19
2042	103	134	53	0	21
2043	113	147	58	0	23
2044	124	161	63	0	25
2045	135	176	69	0	28
2046	147	192	75	0	30
2047	160	209	81	0	33
2048	174	227	88	0	36
2049	189	246	96	0	38
2050	205	267	104	0	42
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	2,141	2,791	1,110	0	460
NPV	284	370	154	0	68

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	817.85 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	1,094.16701 kW
(3) kW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	3,553,102.89 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	1.55564

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	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2021
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2015-2021
(4) BASE YEAR AVOIDED GENERATING COST	823.85 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	149.48 \$/kW
(6) BASE YEAR DISTRIBUTION COST	17.62 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	3.00 %**
(8) GENERATOR FIXED O & M COST	103.79 \$/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	0.51 \$/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	5.44 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.58 %**

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 * INPUT DATA -- PART 1 CONTINUED
2 PROGRAM METHOD SELECTED: REV_REQ
3 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)
2012	2	168	0	170	80	57	965	0	0	965
2013	0	0	0	0	149	134	0	0	0	0
2014	0	0	0	0	145	134	0	0	0	0
2015	0	0	0	0	148	133	0	0	0	0
2016	0	0	0	0	150	129	0	0	0	0
2017	2	168	0	171	172	137	1,091	0	0	1,091
2018	0	0	0	0	212	142	0	0	0	0
2019	0	0	0	0	223	148	0	0	0	0
2020	0	0	0	0	232	156	0	0	0	0
2021	0	0	0	0	246	163	0	0	0	0
2022	2	168	0	171	256	166	1,235	0	0	1,235
2023	0	0	0	0	255	168	0	0	0	0
2024	0	0	0	0	269	166	0	0	0	0
2025	0	0	0	0	283	163	0	0	0	0
2026	0	0	0	0	290	162	0	0	0	0
2027	3	168	0	171	301	162	1,397	0	0	1,397
2028	0	0	0	0	308	162	0	0	0	0
2029	0	0	0	0	316	162	0	0	0	0
2030	0	0	0	0	327	163	0	0	0	0
2031	0	0	0	0	337	164	0	0	0	0
2032	3	168	0	171	354	166	1,581	0	0	1,581
2033	0	0	0	0	383	169	0	0	0	0
2034	0	0	0	0	400	171	0	0	0	0
2035	0	0	0	0	410	170	0	0	0	0
2036	0	0	0	0	440	171	0	0	0	0
2037	3	168	0	172	456	172	1,788	0	0	1,788
2038	0	0	0	0	469	172	0	0	0	0
2039	0	0	0	0	487	171	0	0	0	0
2040	0	0	0	0	501	173	0	0	0	0
2041	0	0	0	0	518	174	0	0	0	0
2042	4	168	0	172	536	176	2,023	0	0	2,023
2043	0	0	0	0	554	177	0	0	0	0
2044	0	0	0	0	578	179	0	0	0	0
2045	0	0	0	0	604	180	0	0	0	0
2046	0	0	0	0	631	181	0	0	0	0
2047	4	168	0	173	659	183	2,289	0	0	2,289
2048	0	0	0	0	689	184	0	0	0	0
2049	0	0	0	0	720	186	0	0	0	0
2050	0	0	0	0	753	187	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	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	23	1,348	0	1,371	14,842	6,314	12,368	0	0	12,368
NPV	7	534	0	541	3,605	2,023	3,963	0	0	3,963

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

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

(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)	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)
2021	1,233	28	0	73	45	22	1	40	3	211	211	211	1,214
2022	1,189	27	0	70	27	21	1	40	19	205	191	402	1,245
2023	1,130	25	0	67	27	21	1	40	16	197	171	574	1,276
2024	1,074	24	0	63	28	20	1	40	14	190	154	727	1,308
2025	1,020	23	0	60	28	19	1	40	12	183	138	865	1,340
2026	968	22	0	57	28	18	1	40	10	176	124	989	1,374
2027	918	21	0	54	28	18	1	40	8	169	111	1,100	1,408
2028	869	20	0	51	28	17	1	40	6	163	99	1,199	1,443
2029	823	18	0	49	26	16	1	40	6	156	89	1,288	1,480
2030	776	17	0	46	24	15	1	40	6	150	80	1,368	1,517
2031	730	16	0	43	23	15	1	40	6	144	71	1,439	1,554
2032	684	15	0	40	21	14	1	40	6	138	63	1,502	1,593
2033	638	14	0	38	19	13	1	40	6	131	56	1,559	1,633
2034	591	13	0	35	18	12	1	40	6	125	50	1,609	1,674
2035	545	12	0	32	16	11	1	40	6	119	44	1,653	1,716
2036	499	11	0	29	14	11	1	40	6	113	39	1,692	1,759
2037	452	10	0	27	12	10	1	40	6	106	34	1,727	1,803
2038	406	9	0	24	11	9	1	40	6	100	30	1,757	1,848
2039	360	8	0	21	9	8	1	40	6	94	26	1,783	1,894
2040	314	7	0	19	7	8	1	40	6	88	23	1,806	1,941
2041	267	6	0	16	16	7	1	40	(4)	81	20	1,826	1,990
2042	231	5	0	14	25	6	1	40	(15)	76	17	1,844	2,040
2043	206	5	0	12	24	5	1	40	(15)	73	15	1,859	2,091
2044	180	4	0	11	23	5	1	40	(15)	69	14	1,873	2,143
2045	154	3	0	9	22	4	1	40	(15)	65	12	1,885	2,196
2046	129	3	0	8	21	3	1	40	(15)	61	11	1,895	2,251
2047	103	2	0	6	20	2	1	40	(15)	57	9	1,904	2,308
2048	77	2	0	5	19	2	1	40	(15)	54	8	1,913	2,365
2049	51	1	0	3	18	1	1	40	(15)	50	7	1,919	2,424
2050	26	1	0	2	17	0	1	40	(15)	46	6	1,925	2,485

IN SERVICE COST (\$000)	1,214
IN SERVICE YEAR	2021
BOOK LIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

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

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2021	3.75%	45	45	40	40	38	38	3	65	0	0	0	3	(16)
2022	7.22%	86	131	40	81	38	77	19	65	0	0	0	3	3
2023	6.68%	80	211	40	121	38	115	16	65	0	0	0	19	19
2024	6.18%	74	285	40	162	38	153	14	65	0	0	0	16	33
2025	5.71%	68	353	40	202	38	191	12	65	0	0	0	14	44
2026	5.29%	63	416	40	243	38	230	10	65	0	0	0	12	54
2027	4.89%	58	475	40	283	38	268	8	65	0	0	0	10	62
2028	4.52%	54	529	40	324	38	306	6	65	0	0	0	8	68
2029	4.46%	53	582	40	364	38	345	6	65	0	0	0	6	74
2030	4.46%	53	636	40	405	38	383	6	65	0	0	0	6	79
2031	4.46%	53	689	40	445	38	421	6	65	0	0	0	6	85
2032	4.46%	53	742	40	486	38	460	6	65	0	0	0	6	91
2033	4.46%	53	796	40	526	38	498	6	65	0	0	0	6	97
2034	4.46%	53	849	40	567	38	536	6	65	0	0	0	6	103
2035	4.46%	53	903	40	607	38	574	6	65	0	0	0	6	108
2036	4.46%	53	956	40	648	38	613	6	65	0	0	0	6	114
2037	4.46%	53	1,009	40	688	38	651	6	65	0	0	0	6	120
2038	4.46%	53	1,063	40	729	38	689	6	65	0	0	0	6	126
2039	4.46%	53	1,116	40	769	38	728	6	65	0	0	0	6	132
2040	4.46%	53	1,169	40	810	38	766	6	65	0	0	0	6	137
2041	2.23%	27	1,196	40	850	38	804	(4)	65	0	0	0	(4)	133
2042	0.00%	0	1,196	40	890	38	842	(15)	65	0	0	0	(15)	118
2043	0.00%	0	1,196	40	931	38	881	(15)	65	0	0	0	(15)	103
2044	0.00%	0	1,196	40	971	38	919	(15)	65	0	0	0	(15)	89
2045	0.00%	0	1,196	40	1,012	38	957	(15)	65	0	0	0	(15)	74
2046	0.00%	0	1,196	40	1,052	38	996	(15)	65	0	0	0	(15)	59
2047	0.00%	0	1,196	40	1,093	38	1,034	(15)	65	0	0	0	(15)	44
2048	0.00%	0	1,196	40	1,133	38	1,072	(15)	65	0	0	0	(15)	30
2049	0.00%	0	1,196	40	1,174	38	1,111	(15)	65	0	0	0	(15)	15
2050	0.00%	0	1,196	40	1,214	38	1,149	(15)	65	0	0	0	(15)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2050
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(18)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	65
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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

(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 DEFT TAXES \$(000)	BEGINNING YEAR RATE BASE \$(000)	ENDING OF YEAR RATE BASE \$(000)	MID-YEAR RATE BASE \$(000)
2021	3.75%	45	3	1,174	40	(16)	1,233	1,189	1,211
2022	7.22%	86	19	1,133	81	3	1,189	1,130	1,160
2023	6.68%	80	16	1,093	121	19	1,130	1,074	1,102
2024	6.18%	74	14	1,052	162	33	1,074	1,020	1,047
2025	5.71%	68	12	1,012	202	44	1,020	968	994
2026	5.29%	63	10	971	243	54	968	918	943
2027	4.89%	58	8	931	283	62	918	869	893
2028	4.52%	54	6	890	324	68	869	823	846
2029	4.46%	53	6	850	364	74	823	776	800
2030	4.46%	53	6	810	405	79	776	730	753
2031	4.46%	53	6	769	445	85	730	684	707
2032	4.46%	53	6	729	486	91	684	638	661
2033	4.46%	53	6	688	526	97	638	591	614
2034	4.46%	53	6	648	567	103	591	545	568
2035	4.46%	53	6	607	607	108	545	499	522
2036	4.46%	53	6	567	648	114	499	452	476
2037	4.46%	53	6	526	688	120	452	406	429
2038	4.46%	53	6	486	729	126	406	360	383
2039	4.46%	53	6	445	769	132	360	314	337
2040	4.46%	53	6	405	810	137	314	267	290
2041	2.23%	27	(4)	364	850	133	267	231	249
2042	0.00%	0	(15)	324	890	118	231	206	218
2043	0.00%	0	(15)	283	931	103	206	180	193
2044	0.00%	0	(15)	243	971	89	180	154	167
2045	0.00%	0	(15)	202	1,012	74	154	129	141
2046	0.00%	0	(15)	162	1,052	59	129	103	116
2047	0.00%	0	(15)	121	1,093	44	103	77	90
2048	0.00%	0	(15)	81	1,133	30	77	51	64
2049	0.00%	0	(15)	40	1,174	15	51	26	39
2050	0.00%	0	(15)	0	1,214	0	26	0	13

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2012	-9	0.00%	1.000	0.00%	0.00	0.00
2013	-8	3.00%	1.030	0.00%	0.00	0.00
2014	-7	3.00%	1.061	0.00%	0.00	0.00
2015	-6	3.00%	1.093	0.00%	0.00	0.00
2016	-5	3.00%	1.126	0.10%	0.90	0.45
2017	-4	3.00%	1.159	0.35%	3.30	2.55
2018	-3	3.00%	1.194	12.48%	122.75	65.57
2019	-2	3.00%	1.230	52.89%	535.90	394.89
2020	-1	3.00%	1.267	34.19%	356.82	841.25

100.00% 1,019.66

YEAR	(8) NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/kW)	(8a)* DEBT AFUDC (\$/kW)	(8b)* CUMULATIVE DEBT AFUDC (\$/kW)	(9) YEARLY TOTAL AFUDC (\$/kW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/kW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/kW)	(9c)* CUMULATIVE CPI (\$/kW)	(9d)* DEFERRED TAXES (\$/kW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/kW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
2012	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2016	-5	0.45	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	0.93	0.93
2017	-4	2.58	0.06	0.07	0.17	0.20	0.14	0.17	(0.03)	(0.04)	3.47	4.40
2018	-3	65.77	1.48	1.55	4.40	4.60	3.62	3.78	(0.82)	(0.86)	127.15	131.55
2019	-2	399.50	9.00	10.55	26.78	31.38	21.93	25.71	(4.99)	(5.85)	562.68	694.23
2020	-1	872.64	19.75	30.30	58.76	90.14	47.68	73.39	(10.77)	(16.62)	415.58	1,109.81

30.30

90.14

73.39

(16.62)

1,109.81

IN SERVICE YEAR	2021
PLANT COSTS	823,854,541.1
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	1,116	1,116	1,116
EQUITY AFUDC	65		
DEBT AFUDC	33	33	
CPI			80
TOTAL	1,214	1,149	1,196

* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (\$/kWh)	(5) AVOIDED MARGINAL FUEL COST (\$/kWh)	(6)* INCREASED MARGINAL FUEL COST (\$/kWh)	(7) REPLACEMENT FUEL COST (\$/kWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KW EFFECTIVENESS FACTOR
2012	1	1	3.19	5.40	3.19	0.00	1.00	1.00
2013	1	1	3.49	5.14	3.49	0.00	1.00	1.00
2014	1	1	3.67	5.54	3.67	0.00	1.00	1.00
2015	1	1	3.92	5.53	3.92	0.00	1.00	1.00
2016	1	1	4.33	6.05	4.33	0.00	1.00	1.00
2017	1	1	4.69	7.13	4.69	0.00	1.00	1.00
2018	1	1	5.03	7.96	5.03	0.00	1.00	1.00
2019	1	1	5.20	7.59	5.20	0.00	1.00	1.00
2020	1	1	5.59	8.49	5.59	0.00	1.00	1.00
2021	1	1	6.14	9.70	6.14	6.83	1.00	1.00
2022	1	1	6.48	10.12	6.48	6.80	1.00	1.00
2023	1	1	6.71	10.07	6.71	7.14	1.00	1.00
2024	1	1	7.25	11.38	7.25	7.73	1.00	1.00
2025	1	1	7.60	11.55	7.60	8.12	1.00	1.00
2026	1	1	7.72	11.51	7.72	8.11	1.00	1.00
2027	1	1	7.89	11.59	7.89	8.22	1.00	1.00
2028	1	1	7.97	11.75	7.97	8.25	1.00	1.00
2029	1	1	8.04	11.89	8.04	8.30	1.00	1.00
2030	1	1	8.17	12.14	8.17	8.46	1.00	1.00
2031	1	1	8.20	12.31	8.20	8.55	1.00	1.00
2032	1	1	8.20	11.53	8.20	8.56	1.00	1.00
2033	1	1	8.36	12.47	8.36	8.76	1.00	1.00
2034	1	1	8.45	12.49	8.45	8.87	1.00	1.00
2035	1	1	8.51	11.70	8.51	8.95	1.00	1.00
2036	1	1	8.69	12.82	8.69	9.10	1.00	1.00
2037	1	1	8.68	11.59	8.68	9.14	1.00	1.00
2038	1	1	8.77	11.78	8.77	9.29	1.00	1.00
2039	1	1	8.91	12.40	8.91	9.40	1.00	1.00
2040	1	1	8.96	11.78	8.96	9.55	1.00	1.00
2041	1	1	9.09	12.41	9.09	9.76	1.00	1.00
2042	1	1	9.22	12.46	9.22	10.00	1.00	1.00
2043	1	1	9.33	12.29	9.33	10.12	1.00	1.00
2044	1	1	9.45	12.66	9.45	10.27	1.00	1.00
2045	1	1	9.56	12.67	9.56	10.47	1.00	1.00
2046	1	1	9.70	12.89	9.70	10.66	1.00	1.00
2047	1	1	9.81	12.64	9.81	10.82	1.00	1.00
2048	1	1	9.98	13.01	9.98	11.01	1.00	1.00
2049	1	1	10.13	13.11	10.13	11.23	1.00	1.00
2050	1	1	10.27	12.94	10.27	11.39	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

* 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 T&D AND PROGRAM FUEL SAVINGS
 2 PROGRAM METHOD SELECTED; REV_REQ
 3 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)
2012	0	0	0	0	0	0	104	0
2013	27	4	31	3	0	3	195	0
2014	26	4	30	2	0	3	210	0
2015	25	4	29	2	0	3	208	0
2016	24	4	28	2	0	3	227	0
2017	24	4	28	2	0	3	271	0
2018	23	4	27	2	0	3	304	0
2019	22	4	26	2	0	2	287	0
2020	21	4	26	2	1	2	323	0
2021	21	4	25	2	1	2	370	0
2022	20	5	24	2	1	2	386	0
2023	19	5	24	2	1	2	382	0
2024	18	5	23	2	1	2	434	0
2025	18	5	23	2	1	2	439	0
2026	17	5	22	1	1	2	437	0
2027	16	5	21	1	1	2	439	0
2028	16	5	21	1	1	2	445	0
2029	15	5	20	1	1	2	450	0
2030	14	6	20	1	1	2	460	0
2031	13	6	19	1	1	2	467	0
2032	13	6	18	1	1	2	434	0
2033	12	6	18	1	1	2	473	0
2034	12	6	18	1	1	2	473	0
2035	11	6	17	1	1	2	439	0
2036	11	6	17	1	1	2	486	0
2037	10	7	17	1	1	2	433	0
2038	10	7	17	1	1	2	441	0
2039	10	7	17	1	1	2	466	0
2040	9	7	16	1	1	1	439	0
2041	9	7	16	1	1	1	465	0
2042	8	8	16	1	1	1	466	0
2043	8	8	16	0	1	1	458	0
2044	8	8	16	0	1	1	473	0
2045	7	8	15	0	1	1	473	0
2046	7	8	15	0	1	1	481	0
2047	7	9	15	0	1	1	470	0
2048	6	9	15	0	1	1	484	0
2049	6	9	15	0	1	1	488	0
2050	6	9	15	0	1	1	479	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	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.	549	229	778	42	27	69	15,661	0
NPV	244	63	307	21	7	29	4,555	0

* 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]

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)
2012	0	0	1	0	1
2013	0	0	3	0	3
2014	0	0	3	0	3
2015	0	0	2	0	2
2016	0	0	1	0	1
2017	0	0	1	0	1
2018	0	0	2	0	2
2019	0	0	1	0	1
2020	0	0	1	0	1
2021	0	0	2	0	2
2022	0	0	1	0	1
2023	27	36	16	0	8
2024	31	41	20	0	10
2025	36	47	22	0	11
2026	41	54	24	0	11
2027	48	63	27	0	12
2028	55	71	30	0	14
2029	63	82	35	0	15
2030	72	94	40	0	18
2031	81	106	45	0	20
2032	92	120	49	0	21
2033	105	137	56	0	24
2034	118	154	62	0	26
2035	132	172	69	0	28
2036	148	193	77	0	32
2037	165	215	84	0	34
2038	183	238	93	0	38
2039	202	263	103	0	42
2040	223	290	114	0	46
2041	245	320	125	0	51
2042	270	352	138	0	56
2043	296	386	151	0	61
2044	324	422	165	0	67
2045	353	461	179	0	72
2046	385	502	196	0	79
2047	419	546	213	0	85
2048	455	594	231	0	93
2049	494	644	251	0	101
2050	535	698	271	0	109
	0	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	5,599	7,299	2,902	0	1,202
NPV	742	967	403	0	177

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	154	0	168	0	322	965	0	0	965	(642)	(642)
2013	313	0	0	0	313	0	0	0	0	313	(351)
2014	308	0	0	0	308	0	0	0	0	308	(83)
2015	312	0	0	0	312	0	0	0	0	312	170
2016	309	0	0	0	309	0	0	0	0	309	403
2017	345	0	168	0	513	1,091	0	0	1,091	(578)	(4)
2018	398	0	0	0	398	0	0	0	0	398	257
2019	417	0	0	0	417	0	0	0	0	417	512
2020	436	0	0	0	436	0	0	0	0	436	760
2021	459	0	0	0	459	0	0	0	0	459	1,004
2022	474	0	168	0	642	1,235	0	0	1,235	(592)	711
2023	476	0	0	0	476	0	0	0	0	476	930
2024	491	0	0	0	491	0	0	0	0	491	1,141
2025	504	0	0	0	504	0	0	0	0	504	1,343
2026	512	0	0	0	512	0	0	0	0	512	1,534
2027	524	0	168	0	693	1,397	0	0	1,397	(704)	1,289
2028	533	0	0	0	533	0	0	0	0	533	1,462
2029	543	0	0	0	543	0	0	0	0	543	1,626
2030	558	0	0	0	558	0	0	0	0	558	1,783
2031	571	0	0	0	571	0	0	0	0	571	1,933
2032	592	0	168	0	760	1,581	0	0	1,581	(820)	1,732
2033	630	0	0	0	630	0	0	0	0	630	1,876
2034	652	0	0	0	652	0	0	0	0	652	2,014
2035	664	0	0	0	664	0	0	0	0	664	2,146
2036	702	0	0	0	702	0	0	0	0	702	2,275
2037	721	0	168	0	890	1,788	0	0	1,788	(899)	2,121
2038	737	0	0	0	737	0	0	0	0	737	2,239
2039	758	0	0	0	758	0	0	0	0	758	2,352
2040	777	0	0	0	777	0	0	0	0	777	2,461
2041	799	0	0	0	799	0	0	0	0	799	2,564
2042	821	0	168	0	990	2,023	0	0	2,023	(1,034)	2,439
2043	844	0	0	0	844	0	0	0	0	844	2,534
2044	875	0	0	0	875	0	0	0	0	875	2,626
2045	908	0	0	0	908	0	0	0	0	908	2,715
2046	942	0	0	0	942	0	0	0	0	942	2,801
2047	977	0	168	0	1,146	2,289	0	0	2,289	(1,143)	2,704
2048	1,014	0	0	0	1,014	0	0	0	0	1,014	2,784
2049	1,053	0	0	0	1,053	0	0	0	0	1,053	2,862
2050	1,094	0	0	0	1,094	0	0	0	0	1,094	2,938
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	24,196	0	1,348	0	25,544	12,368	0	0	12,368	13,175	
NPV	6,367	0	534	0	6,900	3,963	0	0	3,963	2,938	

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

2021
 7.29 %
 1.74

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	70.51 kW
(2) GENERATOR KW REDUCTION PER CUSTOMER	94.33293 kW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	306,329.07 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) KFACTOR FOR GENERATION	1.58562
(5) KFACTOR 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	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2021
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2015-2021
(4) BASE YEAR AVOIDED GENERATING COST	823.85 \$/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	103.79 \$/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	0.058 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	5.44 CENTS PER kWh** (in-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	8.58 %**

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

YEAR	(2) BEG-YEAR RATE BASE \$(000)	(3) DEBT \$(000)	(4) PREFERRED STOCK \$(000)	(5) COMMON EQUITY \$(000)	(6) INCOME TAXES \$(000)	(7) PROPERTY TAX \$(000)	(8) PROPERTY INSURANCE \$(000)	(9) DEPRECI- ATION \$(000)	(10) DEFERRED TAXES \$(000)	(11) TOTAL FIXED CHARGES \$(000)	(12) PRESENT WORTH FIXED CHARGES \$(000)	(13) CUMULATIVE PW FIXED CHARGES \$(000)	(14) REPLACEMENT COST BASIS FOR PROPERTY INSURANCE \$(000)
2021	106	2	0	6	4	2	0	3	0	18	18	105	105
2022	103	2	0	6	2	2	0	3	2	18	16	107	107
2023	97	2	0	6	2	2	0	3	1	17	15	49	110
2024	93	2	0	5	2	2	0	3	1	16	13	63	113
2025	88	2	0	5	2	2	0	3	1	16	12	75	116
2026	83	2	0	5	2	2	0	3	1	15	11	85	118
2027	79	2	0	5	2	2	0	3	1	15	10	95	121
2028	75	2	0	4	2	1	0	3	1	14	9	103	124
2029	71	2	0	4	2	1	0	3	1	13	8	111	128
2030	67	2	0	4	2	1	0	3	1	13	7	118	131
2031	63	1	0	4	2	1	0	3	1	12	6	124	134
2032	59	1	0	3	2	1	0	3	1	12	5	130	137
2033	55	1	0	3	2	1	0	3	1	11	5	134	141
2034	51	1	0	3	2	1	0	3	1	11	4	139	144
2035	47	1	0	3	1	1	0	3	1	10	4	143	148
2036	43	1	0	3	1	1	0	3	1	10	3	146	152
2037	39	1	0	2	1	1	0	3	1	9	3	149	155
2038	35	1	0	2	1	1	0	3	1	9	3	151	159
2039	31	1	0	2	1	1	0	3	1	8	2	154	163
2040	27	1	0	2	1	1	0	3	1	8	2	156	167
2041	23	1	0	1	1	1	0	3	(1)	7	2	157	172
2042	20	0	0	1	2	1	0	3	(1)	7	2	159	176
2043	18	0	0	1	2	0	0	3	(1)	6	1	160	180
2044	16	0	0	1	2	0	0	3	(1)	6	1	161	185
2045	13	0	0	1	2	0	0	3	(1)	6	1	162	189
2046	11	0	0	1	2	0	0	3	(1)	5	1	163	194
2047	9	0	0	1	2	0	0	3	(1)	5	1	164	199
2048	7	0	0	0	2	0	0	3	(1)	5	1	165	204
2049	4	0	0	0	2	0	0	3	(1)	4	1	165	209
2050	2	0	0	0	1	(0)	0	3	(1)	4	1	166	214

IN SERVICE COST (\$000)	105
IN SERVICE YEAR	2021
BOOKLIFE (YRS)	30
EFFEC. TAX RATE	38.57%
DISCOUNT RATE	7.3%
PROPERTY TAX	1.89%
PROPERTY INSURANCE	0.05%

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

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 DEPR 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)
2021	3.75%	4	4	3	3	3	3	0	6	0	0	0	0	(1)
2022	7.22%	7	11	3	7	3	7	2	6	0	0	0	2	0
2023	6.68%	7	18	3	10	3	10	1	6	0	0	0	1	2
2024	6.18%	6	25	3	14	3	13	1	6	0	0	0	1	3
2025	5.71%	6	30	3	17	3	17	1	6	0	0	0	1	4
2026	5.29%	5	36	3	21	3	20	1	6	0	0	0	1	5
2027	4.89%	5	41	3	24	3	23	1	6	0	0	0	1	5
2028	4.52%	5	46	3	28	3	26	1	6	0	0	0	1	6
2029	4.46%	5	50	3	31	3	30	1	6	0	0	0	1	6
2030	4.46%	5	55	3	35	3	33	1	6	0	0	0	1	7
2031	4.46%	5	59	3	38	3	36	1	6	0	0	0	1	7
2032	4.46%	5	64	3	42	3	40	1	6	0	0	0	1	8
2033	4.46%	5	69	3	45	3	43	1	6	0	0	0	1	8
2034	4.46%	5	73	3	49	3	46	1	6	0	0	0	1	9
2035	4.46%	5	78	3	52	3	50	1	6	0	0	0	1	9
2036	4.46%	5	82	3	56	3	53	1	6	0	0	0	1	10
2037	4.46%	5	87	3	59	3	56	1	6	0	0	0	1	10
2038	4.46%	5	92	3	63	3	59	1	6	0	0	0	1	11
2039	4.46%	5	96	3	66	3	63	1	6	0	0	0	1	11
2040	4.46%	5	101	3	70	3	66	1	6	0	0	0	1	12
2041	2.23%	2	103	3	73	3	69	(0)	6	0	0	0	(0)	11
2042	0.00%	0	103	3	77	3	73	(1)	6	0	0	0	(1)	10
2043	0.00%	0	103	3	80	3	76	(1)	6	0	0	0	(1)	9
2044	0.00%	0	103	3	84	3	79	(1)	6	0	0	0	(1)	8
2045	0.00%	0	103	3	87	3	83	(1)	6	0	0	0	(1)	6
2046	0.00%	0	103	3	91	3	86	(1)	6	0	0	0	(1)	5
2047	0.00%	0	103	3	94	3	89	(1)	6	0	0	0	(1)	4
2048	0.00%	0	103	3	98	3	92	(1)	6	0	0	0	(1)	3
2049	0.00%	0	103	3	101	3	96	(1)	6	0	0	0	(1)	1
2050	0.00%	0	103	3	105	3	99	(1)	6	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2050
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	6
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

1 DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 2 PROGRAM METHOD SELECTED: REV_REQ
 3 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)
2021	3.75%	4	0	101	3	(1)	106	103	104
2022	7.22%	7	2	98	7	0	103	97	100
2023	6.68%	7	1	94	10	2	97	93	95
2024	6.18%	6	1	91	14	3	93	88	90
2025	5.71%	6	1	87	17	4	88	83	86
2026	5.29%	5	1	84	21	5	83	79	81
2027	4.89%	5	1	80	24	5	79	75	77
2028	4.52%	5	1	77	28	6	75	71	73
2029	4.46%	5	1	73	31	6	71	67	69
2030	4.46%	5	1	70	35	7	67	63	65
2031	4.46%	5	1	66	38	7	63	59	61
2032	4.46%	5	1	63	42	8	59	55	57
2033	4.46%	5	1	59	45	8	55	51	53
2034	4.46%	5	1	56	49	9	51	47	49
2035	4.46%	5	1	52	52	9	47	43	45
2036	4.46%	5	1	49	56	10	43	39	41
2037	4.46%	5	1	45	59	10	39	35	37
2038	4.46%	5	1	42	63	11	35	31	33
2039	4.46%	5	1	38	66	11	31	27	29
2040	4.46%	5	1	35	70	12	27	23	25
2041	2.23%	2	(0)	31	73	11	23	20	21
2042	0.00%	0	(1)	28	77	10	20	18	19
2043	0.00%	0	(1)	24	80	9	18	16	17
2044	0.00%	0	(1)	21	84	8	16	13	14
2045	0.00%	0	(1)	17	87	6	13	11	12
2046	0.00%	0	(1)	14	91	5	11	9	10
2047	0.00%	0	(1)	10	94	4	9	7	8
2048	0.00%	0	(1)	7	98	3	7	4	6
2049	0.00%	0	(1)	3	101	1	4	2	3
2050	0.00%	0	(1)	(0)	105	0	2	0	1

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/kW)	(7) CUMULATIVE AVERAGE SPENDING (\$/kW)
2012	-9	0.00%	1.000	0.00%	0.00	0.00
2013	-8	3.00%	1.030	0.00%	0.00	0.00
2014	-7	3.00%	1.061	0.00%	0.00	0.00
2015	-6	3.00%	1.093	0.00%	0.00	0.00
2016	-5	3.00%	1.126	0.10%	0.90	0.45
2017	-4	3.00%	1.159	0.35%	3.30	2.55
2018	-3	3.00%	1.194	12.48%	122.75	65.57
2019	-2	3.00%	1.230	52.89%	535.90	394.89
2020	-1	3.00%	1.267	34.19%	356.82	841.25

100.00% 1,019.66

(1)	(2)	(3)	(4a)*	(4b)*	(5)	(6a)*	(6b)*	(6c)*	(7a)*	(7b)*	(8)	(9)	
YEAR	NO. YEARS BEFORE IN-SERVICE	CUMULATIVE SPENDING WITH AFUDC (\$/kW)	DEBT AFUDC (\$/kW)	CUMULATIVE DEBT AFUDC (\$/kW)	YEARLY TOTAL AFUDC (\$/kW)	CUMULATIVE TOTAL AFUDC (\$/kW)	CONSTRUCTION PERIOD INTEREST (\$/kW)	CUMULATIVE CPI (\$/kW)	DEFERRED TAXES (\$/kW)	DEFERRED TAXES (\$/kW)	CUMULATIVE DEFERRED TAXES (\$/kW)	INCREMENTAL YEAR-END BOOK VALUE (\$/kW)	CUMULATIVE YEAR-END BOOK VALUE (\$/kW)
2012	-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2013	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2014	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2015	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2016	-5	0.45	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	0.93	0.93	
2017	-4	2.58	0.06	0.07	0.17	0.20	0.14	0.17	(0.03)	(0.04)	3.47	4.40	
2018	-3	65.77	1.48	1.55	4.40	4.60	3.62	3.78	(0.82)	(0.86)	127.15	131.55	
2019	-2	399.50	9.00	10.55	26.78	31.38	21.93	25.71	(4.99)	(5.85)	562.68	694.23	
2020	-1	872.64	19.75	30.30	58.76	90.14	47.68	73.39	(10.77)	(16.62)	415.58	1,109.81	

30.30

90.14

73.39

(16.62)

1,109.81

IN SERVICE YEAR	2021
PLANT COSTS	\$23,854,541.1
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	96	96	96
EQUITY AFUDC	6		
DEBT AFUDC	3	3	
CPI			7
TOTAL	105	99	103

* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/KWh)	(5) AVOIDED MARGINAL FUEL COST (C/KWh)	(6)* INCREASED MARGINAL FUEL COST (C/KWh)	(7) REPLACEMENT FUEL COST (C/KWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM kWh EFFECTIVENESS FACTOR
2012	1	1	3.19	5.40	3.19	0.00	1.00	1.00
2013	1	1	3.49	5.14	3.49	0.00	1.00	1.00
2014	1	1	3.67	5.54	3.67	0.00	1.00	1.00
2015	1	1	3.92	5.53	3.92	0.00	1.00	1.00
2016	1	1	4.33	6.05	4.33	0.00	1.00	1.00
2017	1	1	4.69	7.13	4.69	0.00	1.00	1.00
2018	1	1	5.03	7.96	5.03	0.00	1.00	1.00
2019	1	1	5.20	7.59	5.20	0.00	1.00	1.00
2020	1	1	5.59	8.49	5.59	0.00	1.00	1.00
2021	1	1	6.14	9.70	6.14	6.83	1.00	1.00
2022	1	1	6.48	10.12	6.48	6.80	1.00	1.00
2023	1	1	6.71	10.07	6.71	7.14	1.00	1.00
2024	1	1	7.25	11.38	7.25	7.73	1.00	1.00
2025	1	1	7.60	11.55	7.60	8.12	1.00	1.00
2026	1	1	7.72	11.51	7.72	8.11	1.00	1.00
2027	1	1	7.89	11.59	7.89	8.22	1.00	1.00
2028	1	1	7.97	11.75	7.97	8.25	1.00	1.00
2029	1	1	8.04	11.89	8.04	8.30	1.00	1.00
2030	1	1	8.17	12.14	8.17	8.46	1.00	1.00
2031	1	1	8.20	12.31	8.20	8.55	1.00	1.00
2032	1	1	8.20	11.53	8.20	8.56	1.00	1.00
2033	1	1	8.36	12.47	8.36	8.76	1.00	1.00
2034	1	1	8.45	12.49	8.45	8.87	1.00	1.00
2035	1	1	8.51	11.70	8.51	8.95	1.00	1.00
2036	1	1	8.69	12.82	8.69	9.10	1.00	1.00
2037	1	1	8.68	11.59	8.68	9.14	1.00	1.00
2038	1	1	8.77	11.78	8.77	9.29	1.00	1.00
2039	1	1	8.91	12.40	8.91	9.40	1.00	1.00
2040	1	1	8.96	11.78	8.96	9.55	1.00	1.00
2041	1	1	9.09	12.41	9.09	9.76	1.00	1.00
2042	1	1	9.22	12.46	9.22	10.00	1.00	1.00
2043	1	1	9.33	12.29	9.33	10.12	1.00	1.00
2044	1	1	9.45	12.66	9.45	10.27	1.00	1.00
2045	1	1	9.56	12.67	9.56	10.47	1.00	1.00
2046	1	1	9.70	12.89	9.70	10.66	1.00	1.00
2047	1	1	9.81	12.64	9.81	10.82	1.00	1.00
2048	1	1	9.98	13.01	9.98	11.01	1.00	1.00
2049	1	1	10.13	13.11	10.13	11.23	1.00	1.00
2050	1	1	10.27	12.94	10.27	11.39	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.

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)
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	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	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	2	0	1
2028	5	6	3	0	1
2029	5	7	3	0	1
2030	6	8	3	0	2
2031	7	9	4	0	2
2032	8	10	4	0	2
2033	9	12	5	0	2
2034	10	13	5	0	2
2035	11	15	6	0	2
2036	13	17	7	0	3
2037	14	19	7	0	3
2038	16	21	8	0	3
2039	17	23	9	0	4
2040	19	25	10	0	4
2041	21	28	11	0	4
2042	23	30	12	0	5
2043	26	33	13	0	5
2044	28	36	14	0	6
2045	30	40	15	0	6
2046	33	43	17	0	7
2047	36	47	18	0	7
2048	39	51	20	0	8
2049	43	56	22	0	9
2050	46	60	23	0	9
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
NOM	483	629	250	0	104
NPV	64	83	35	0	15

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	12	0	15	0	26	76	0	0	76	(49)	(49)
2013	23	0	0	0	23	0	0	0	0	23	(28)
2014	26	0	0	0	26	0	0	0	0	26	(5)
2015	27	0	0	0	27	0	0	0	0	27	17
2016	27	0	0	0	27	0	0	0	0	27	37
2017	30	0	15	0	44	85	0	0	85	(41)	8
2018	35	0	0	0	35	0	0	0	0	35	30
2019	36	0	0	0	36	0	0	0	0	36	53
2020	38	0	0	0	38	0	0	0	0	38	74
2021	40	0	0	0	40	0	0	0	0	40	96
2022	41	0	15	0	56	97	0	0	97	(41)	75
2023	41	0	0	0	41	0	0	0	0	41	94
2024	43	0	0	0	43	0	0	0	0	43	113
2025	44	0	0	0	44	0	0	0	0	44	130
2026	45	0	0	0	45	0	0	0	0	45	147
2027	46	0	15	0	60	109	0	0	109	(49)	130
2028	47	0	0	0	47	0	0	0	0	47	145
2029	48	0	0	0	48	0	0	0	0	48	160
2030	49	0	0	0	49	0	0	0	0	49	173
2031	50	0	0	0	50	0	0	0	0	50	187
2032	52	0	15	0	67	124	0	0	124	(57)	173
2033	56	0	0	0	56	0	0	0	0	56	185
2034	58	0	0	0	58	0	0	0	0	58	198
2035	59	0	0	0	59	0	0	0	0	59	209
2036	62	0	0	0	62	0	0	0	0	62	221
2037	64	0	15	0	78	140	0	0	140	(62)	210
2038	65	0	0	0	65	0	0	0	0	65	221
2039	67	0	0	0	67	0	0	0	0	67	231
2040	69	0	0	0	69	0	0	0	0	69	240
2041	71	0	0	0	71	0	0	0	0	71	249
2042	73	0	15	0	88	158	0	0	158	(71)	241
2043	75	0	0	0	75	0	0	0	0	75	249
2044	78	0	0	0	78	0	0	0	0	78	258
2045	81	0	0	0	81	0	0	0	0	81	265
2046	84	0	0	0	84	0	0	0	0	84	273
2047	87	0	15	0	102	179	0	0	179	(77)	267
2048	91	0	0	0	91	0	0	0	0	91	274
2049	94	0	0	0	94	0	0	0	0	94	281
2050	98	0	0	0	98	0	0	0	0	98	288
0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	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	2,132	0	116	0	2,248	969	0	0	969	1,280	
NPV	552	0	46	0	598	310	0	0	310	288	

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

2021
 7.29 %
 1.93

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

(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)
2012	0	0	15	10	0	25	9	0	0	0	9	(16)	(16)
2013	0	0	0	20	0	20	17	0	0	0	17	(3)	(18)
2014	0	0	0	23	0	23	18	0	0	0	18	(5)	(22)
2015	0	0	0	23	0	23	18	0	0	0	18	(5)	(26)
2016	0	0	0	23	0	23	20	0	0	0	20	(3)	(29)
2017	0	0	15	26	0	41	23	0	0	0	23	(17)	(41)
2018	0	0	0	30	0	30	26	0	0	0	26	(4)	(43)
2019	0	0	0	31	0	31	25	0	0	0	25	(7)	(47)
2020	0	0	0	33	0	33	28	0	0	0	28	(5)	(50)
2021	0	0	0	35	0	35	56	0	0	0	57	22	(39)
2022	0	0	15	36	0	51	57	0	0	0	57	7	(35)
2023	0	0	0	36	0	36	58	0	0	1	58	23	(25)
2024	0	0	0	37	0	37	61	0	0	1	62	25	(14)
2025	0	0	0	38	0	38	61	0	0	1	62	25	(4)
2026	0	0	0	38	0	38	62	0	0	1	63	25	5
2027	0	0	15	39	0	54	62	0	0	1	63	9	8
2028	0	0	0	40	0	40	63	0	0	1	64	24	16
2029	0	0	0	41	0	41	64	0	0	1	65	24	23
2030	0	0	0	42	0	42	64	0	0	2	66	24	30
2031	0	0	0	43	0	43	65	0	0	2	67	24	36
2032	0	0	15	44	0	59	63	0	0	2	65	5	37
2033	0	0	0	47	0	47	66	0	0	2	68	21	42
2034	0	0	0	49	0	49	66	0	0	2	68	19	46
2035	0	0	0	50	0	50	63	0	0	2	66	16	49
2036	0	0	0	53	0	53	67	0	0	3	70	17	52
2037	0	1	15	54	0	69	64	0	0	3	67	(3)	52
2038	0	0	0	55	0	55	64	0	0	3	68	12	54
2039	0	0	0	57	0	57	67	0	0	4	70	13	56
2040	0	0	0	59	0	59	65	0	0	4	68	10	57
2041	0	0	0	60	0	60	66	0	0	4	71	11	59
2042	0	1	15	62	0	77	66	0	0	5	71	(6)	58
2043	0	0	0	64	0	64	66	0	0	5	71	8	59
2044	0	0	0	66	0	66	68	0	0	6	73	7	59
2045	0	0	0	69	0	69	68	0	0	6	74	5	60
2046	0	0	0	71	0	71	69	0	0	7	76	4	60
2047	0	1	15	74	0	89	68	0	0	7	76	(14)	59
2048	0	0	0	77	0	77	70	0	0	8	78	1	59
2049	0	0	0	80	0	80	70	0	0	9	79	(1)	59
2050	0	0	0	83	0	83	70	0	0	9	79	(3)	59
	0	0	0	0	0	0	0	0	0	0	0	0	59
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	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.	0	4	116	1,816	0	1,936	2,121	0	0	104	2,225	289	
NPV	0	1	46	473	0	520	564	0	0	15	579	59	

Discount Rate 7.29 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 1.11

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER KW REDUCTION AT METER	380.56 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	509.13613 KW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	3,427,424.72 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	38 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	*** %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2020
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2015-2020
(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	42% ** (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	6.35 %**

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 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)
2020	541	12	0	32	20	10	0	18	1	93	93	93	533
2021	522	12	0	31	12	9	0	18	8	90	84	176	546
2022	496	11	0	29	12	9	0	18	7	87	75	252	560
2023	471	11	0	28	12	9	0	18	6	83	67	319	574
2024	447	10	0	26	12	8	0	18	5	80	60	379	588
2025	424	10	0	25	12	8	0	18	4	77	54	434	603
2026	402	9	0	24	12	8	0	18	3	74	49	482	618
2027	381	9	0	23	12	7	0	18	3	71	44	526	633
2028	361	8	0	21	11	7	0	18	3	69	39	565	649
2029	341	8	0	20	11	7	0	18	3	66	35	600	665
2030	320	7	0	19	10	6	0	18	3	63	31	631	682
2031	300	7	0	18	9	6	0	18	3	60	28	659	699
2032	280	6	0	17	8	6	0	18	3	58	25	684	716
2033	259	6	0	15	8	5	0	18	3	55	22	706	734
2034	239	5	0	14	7	5	0	18	3	52	19	725	753
2035	219	5	0	13	6	5	0	18	3	49	17	742	771
2036	198	4	0	12	5	4	0	18	3	47	15	757	791
2037	178	4	0	11	5	4	0	18	3	44	13	771	810
2038	158	4	0	9	4	4	0	18	3	41	12	782	831
2039	138	3	0	8	3	3	0	18	3	38	10	792	851
2040	117	3	0	7	7	3	0	18	(2)	36	9	801	873
2041	101	2	0	6	11	3	0	18	(6)	34	8	809	895
2042	90	2	0	5	10	2	0	18	(6)	32	7	815	917
2043	79	2	0	5	10	2	0	18	(6)	30	6	821	940
2044	68	2	0	4	10	2	0	18	(6)	29	5	827	963
2045	56	1	0	3	9	1	0	18	(6)	27	5	831	987
2046	45	1	0	3	9	1	0	18	(6)	25	4	835	1,012
2047	34	1	0	2	8	1	0	18	(6)	24	4	839	1,037
2048	23	1	0	1	8	0	0	18	(6)	22	3	842	1,063
2049	11	0	0	1	7	(0)	1	18	(6)	20	3	845	1,090

IN SERVICE COST (\$000)	533
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFFEC TAXRATE	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%	20	20	18	18	17	17	1	29	0	0	0	1	1
2021	7.22%	38	58	18	36	17	34	8	29	0	0	0	8	8
2022	6.68%	35	93	18	53	17	50	7	29	0	0	0	7	14
2023	6.18%	32	125	18	71	17	67	6	29	0	0	0	6	19
2024	5.71%	30	155	18	89	17	84	5	29	0	0	0	5	24
2025	5.29%	28	183	18	107	17	101	4	29	0	0	0	4	27
2026	4.89%	26	208	18	124	17	118	3	29	0	0	0	3	30
2027	4.52%	24	232	18	142	17	134	3	29	0	0	0	3	32
2028	4.46%	23	255	18	160	17	151	3	29	0	0	0	3	35
2029	4.46%	23	279	18	178	17	168	3	29	0	0	0	3	37
2030	4.46%	23	302	18	195	17	185	3	29	0	0	0	3	40
2031	4.46%	23	326	18	213	17	202	3	29	0	0	0	3	42
2032	4.46%	23	349	18	231	17	218	3	29	0	0	0	3	45
2033	4.46%	23	372	18	249	17	235	3	29	0	0	0	3	48
2034	4.46%	23	396	18	266	17	252	3	29	0	0	0	3	50
2035	4.46%	23	419	18	284	17	269	3	29	0	0	0	3	53
2036	4.46%	23	443	18	302	17	286	3	29	0	0	0	3	55
2037	4.46%	23	466	18	320	17	302	3	29	0	0	0	3	58
2038	4.46%	23	489	18	337	17	319	3	29	0	0	0	3	60
2039	4.46%	23	513	18	355	17	336	3	29	0	0	0	3	58
2040	2.23%	12	525	18	373	17	353	(2)	29	0	0	0	(2)	52
2041	0.00%	0	525	18	391	17	370	(6)	29	0	0	0	(6)	45
2042	0.00%	0	525	18	408	17	386	(6)	29	0	0	0	(6)	39
2043	0.00%	0	525	18	426	17	403	(6)	29	0	0	0	(6)	32
2044	0.00%	0	525	18	444	17	420	(6)	29	0	0	0	(6)	26
2045	0.00%	0	525	18	462	17	437	(6)	29	0	0	0	(6)	19
2046	0.00%	0	525	18	479	17	453	(6)	29	0	0	0	(6)	13
2047	0.00%	0	525	18	497	17	470	(6)	29	0	0	0	(6)	6
2048	0.00%	0	525	18	515	17	487	(6)	29	0	0	0	(6)	0
2049	0.00%	0	525	18	533	17	504	(6)	29	0	0	0	(6)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(8)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	29
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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 \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2020	3.75%	20	1	515	18	(7)	541	522	551
2021	7.22%	38	8	497	36	1	522	496	509
2022	6.68%	35	7	479	53	8	496	471	483
2023	6.18%	32	6	462	71	14	471	447	459
2024	5.71%	30	5	444	89	19	447	424	436
2025	5.29%	28	4	426	107	24	424	402	413
2026	4.89%	26	3	408	124	27	402	381	392
2027	4.52%	24	3	391	142	30	381	361	371
2028	4.46%	23	3	373	160	32	361	341	351
2029	4.46%	23	3	355	178	35	341	320	330
2030	4.46%	23	3	337	195	37	320	300	310
2031	4.46%	23	3	320	213	40	300	280	290
2032	4.46%	23	3	302	231	42	280	259	270
2033	4.46%	23	3	284	249	45	259	239	249
2034	4.46%	23	3	266	266	48	239	219	229
2035	4.46%	23	3	249	284	50	219	198	209
2036	4.46%	23	3	231	302	53	198	178	188
2037	4.46%	23	3	213	320	55	178	158	168
2038	4.46%	23	3	195	337	58	158	138	148
2039	4.46%	23	3	178	355	60	138	117	127
2040	2.23%	12	(2)	160	373	58	117	101	109
2041	0.00%	0	(5)	142	391	52	101	90	96
2042	0.00%	0	(5)	124	408	45	90	79	85
2043	0.00%	0	(5)	107	426	39	79	68	73
2044	0.00%	0	(5)	89	444	32	68	56	62
2045	0.00%	0	(5)	71	462	26	56	45	51
2046	0.00%	0	(5)	53	479	19	45	34	39
2047	0.00%	0	(5)	36	497	13	34	23	28
2048	0.00%	0	(5)	18	515	6	23	11	17
2049	0.00%	0	(5)	(0)	533	0	11	0	6

* Column not specified in workbook

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(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2012	-8	0.00%	1.000	0.00%	0.00	0.00
2013	-7	3.00%	1.030	0.00%	0.00	0.00
2014	-6	3.00%	1.061	0.00%	0.00	0.00
2015	-5	3.00%	1.093	0.10%	0.84	0.42
2016	-4	3.00%	1.126	0.35%	3.11	2.40
2017	-3	3.00%	1.159	12.48%	115.70	61.81
2018	-2	3.00%	1.194	52.89%	505.14	372.23
2019	-1	3.00%	1.230	34.19%	336.33	792.96

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a) DEBT AFUDC (\$/KW)	(8b) CUMULATIVE DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)	(9a) CUMULATIVE TOTAL AFUDC (\$/KW)	(9b) CONSTRUCTION PERIOD INTEREST (\$/KW)	(9c) CUMULATIVE CPI (\$/KW)	(9d) DEFERRED TAXES (\$/KW)	(9e) CUMULATIVE DEFERRED TAXES (\$/KW)	(10)	(11)
											INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
						100.00%					961.13	
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.87
2015	-5	0.42	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	0.87	0.87
2016	-4	2.43	0.05	0.06	0.16	0.19	0.13	0.16	(0.03)	(0.04)	3.27	4.15
2017	-3	62.00	1.39	1.46	4.15	4.34	3.41	3.56	(0.75)	(0.81)	119.85	124.00
2018	-2	376.57	8.48	9.94	25.24	29.58	20.67	24.23	(4.70)	(5.51)	530.38	654.38
2019	-1	822.55	18.62	28.56	55.39	84.97	44.95	69.18	(10.16)	(15.67)	391.72	1,046.10

IN SERVICE YEAR	2020
PLANT COSTS	799,857,778
AFUDC RATE	6.69%

	28.56	84.97	69.18	(15.67)	1,046.10
	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS		
CONSTRUCTION CASH	489	489	489		
EQUITY AFUDC	29				
DEBT AFUDC	15	15			
CPI			35		
TOTAL	533	504	525		

* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (\$/kWh)	(5) AVOIDED MARGINAL FUEL COST (\$/kWh)	(6)* INCREASED MARGINAL FUEL COST (\$/kWh)	(7) REPLACEMENT FUEL COST (\$/kWh)	(8) PROGRAM KW EFFECTIVENESS FACTOR	(9) PROGRAM KW EFFECTIVENESS FACTOR
2012	1	1	3.78	3.79	5.17	0.00	1.00	1.00
2013	1	1	3.89	3.90	5.16	0.00	1.00	1.00
2014	1	1	3.99	4.00	5.25	0.00	1.00	1.00
2015	1	1	4.28	4.30	5.70	0.00	1.00	1.00
2016	1	1	4.70	4.72	6.32	0.00	1.00	1.00
2017	1	1	5.10	5.11	6.88	0.00	1.00	1.00
2018	1	1	6.68	6.70	9.83	0.00	1.00	1.00
2019	1	1	7.17	7.19	10.48	0.00	1.00	1.00
2020	1	1	7.79	7.82	11.43	7.82	1.00	1.00
2021	1	1	8.26	8.29	11.96	7.30	1.00	1.00
2022	1	1	8.53	8.56	12.23	7.12	1.00	1.00
2023	1	1	8.89	8.92	12.57	7.34	1.00	1.00
2024	1	1	9.72	9.75	14.01	8.06	1.00	1.00
2025	1	1	10.63	10.68	15.86	8.83	1.00	1.00
2026	1	1	10.79	10.83	16.09	8.93	1.00	1.00
2027	1	1	10.99	11.03	16.36	8.99	1.00	1.00
2028	1	1	11.23	11.27	16.79	9.04	1.00	1.00
2029	1	1	11.50	11.54	16.89	9.06	1.00	1.00
2030	1	1	11.83	11.87	17.23	9.15	1.00	1.00
2031	1	1	12.16	12.20	17.78	9.25	1.00	1.00
2032	1	1	12.34	12.38	16.82	9.25	1.00	1.00
2033	1	1	12.75	12.79	18.36	9.50	1.00	1.00
2034	1	1	13.17	13.21	18.95	9.65	1.00	1.00
2035	1	1	13.39	13.43	18.15	9.79	1.00	1.00
2036	1	1	13.91	13.96	19.66	9.99	1.00	1.00
2037	1	1	14.19	14.24	19.20	10.08	1.00	1.00
2038	1	1	14.59	14.63	19.67	10.25	1.00	1.00
2039	1	1	15.20	15.24	20.83	10.42	1.00	1.00
2040	1	1	15.61	15.64	20.53	10.54	1.00	1.00
2041	1	1	16.19	16.23	21.76	10.72	1.00	1.00
2042	1	1	16.78	16.82	22.52	10.90	1.00	1.00
2043	1	1	17.33	17.37	22.58	11.07	1.00	1.00
2044	1	1	18.00	18.04	24.18	11.26	1.00	1.00
2045	1	1	18.60	18.64	24.37	11.43	1.00	1.00
2046	1	1	19.27	19.31	24.89	11.63	1.00	1.00
2047	1	1	19.96	20.00	25.24	11.82	1.00	1.00
2048	1	1	20.80	20.84	26.50	12.02	1.00	1.00
2049	1	1	21.55	21.59	27.01	12.23	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

* 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)
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	93	63	1	105	145	116
2021	90	64	3	214	261	110
2022	87	66	3	268	303	120
2023	83	67	3	285	311	128
2024	80	69	3	308	339	121
2025	77	71	3	329	372	108
2026	74	72	3	337	377	110
2027	71	74	3	345	382	112
2028	69	76	4	351	384	115
2029	66	78	4	358	385	120
2030	63	80	4	364	389	122
2031	60	82	4	371	393	124
2032	58	84	4	378	393	130
2033	55	86	4	384	404	125
2034	52	88	4	391	411	125
2035	49	91	4	398	416	126
2036	47	93	4	406	425	124
2037	44	95	4	413	429	127
2038	41	97	5	420	436	127
2039	38	100	5	428	443	127
2040	36	102	5	435	448	130
2041	34	105	5	443	456	130
2042	32	108	5	451	464	132
2043	30	110	5	459	471	134
2044	29	113	5	468	479	135
2045	27	116	5	476	486	138
2046	25	119	6	484	495	139
2047	24	122	6	493	503	141
2048	22	125	6	502	512	143
2049	20	128	6	511	521	144
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	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	1,574	2,744	125	11,576	12,232	3,788
NPV	481	595	26	2,473	2,678	896

1 PARTICIPANT COSTS AND BENEFITS
 2 PROGRAM METHOD SELECTED: REV REQ
 3 PROGRAM NAME: ██████████

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
YEAR	SAVINGS IN PARTICIPANTS BILLS \$(000)	TAX CREDITS \$(800)	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	105	0	78	0	184	1,315	0	0	1,315	(1,132)	(1,132)
2013	201	0	0	0	201	0	0	0	0	201	(945)
2014	201	0	0	0	201	0	0	0	0	201	(770)
2015	208	0	0	0	208	0	0	0	0	208	(602)
2016	213	0	0	0	213	0	0	0	0	213	(441)
2017	234	0	0	0	234	0	0	0	0	234	(276)
2018	281	0	0	0	281	0	0	0	0	281	(92)
2019	298	0	0	0	298	0	0	0	0	298	90
2020	313	0	0	0	313	0	0	0	0	313	268
2021	332	0	0	0	332	0	0	0	0	332	444
2022	340	0	0	0	340	0	0	0	0	340	613
2023	334	0	0	0	334	0	0	0	0	334	766
2024	347	0	0	0	347	0	0	0	0	347	915
2025	360	0	0	0	360	0	0	0	0	360	1,059
2026	367	0	0	0	367	0	0	0	0	367	1,196
2027	378	0	78	0	457	1,905	0	0	1,905	(1,448)	693
2028	386	0	0	0	386	0	0	0	0	386	818
2029	395	0	0	0	395	0	0	0	0	395	937
2030	408	0	0	0	408	0	0	0	0	408	1,052
2031	419	0	0	0	419	0	0	0	0	419	1,162
2032	437	0	0	0	437	0	0	0	0	437	1,269
2033	471	0	0	0	471	0	0	0	0	471	1,376
2034	490	0	0	0	490	0	0	0	0	490	1,481
2035	502	0	0	0	502	0	0	0	0	502	1,580
2036	535	0	0	0	535	0	0	0	0	535	1,679
2037	552	0	0	0	552	0	0	0	0	552	1,774
2038	567	0	0	0	567	0	0	0	0	567	1,865
2039	586	0	0	0	586	0	0	0	0	586	1,952
2040	603	0	0	0	603	0	0	0	0	603	2,036
2041	621	0	0	0	621	0	0	0	0	621	2,117
2042	647	0	78	0	725	2,759	0	0	2,759	(2,034)	1,871
2043	673	0	0	0	673	0	0	0	0	673	1,947
2044	700	0	0	0	700	0	0	0	0	700	2,020
2045	729	0	0	0	729	0	0	0	0	729	2,092
2046	759	0	0	0	759	0	0	0	0	759	2,161
2047	791	0	0	0	791	0	0	0	0	791	2,228
2048	824	0	0	0	824	0	0	0	0	824	2,294
2049	858	0	0	0	858	0	0	0	0	858	2,357
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	17,466	0	235	0	17,701	5,980	0	0	5,980	11,721	
NPV	4,554	0	115	0	4,669	2,312	0	0	2,312	2,357	

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

2020
 7.29 %
 2.02

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	397.00 KW
(2) GENERATOR KW REDUCTION PER CUSTOMER	551.13280 KW
(3) KW LINE LOSS PERCENTAGE	8.81 %
(4) GENERATOR KWH REDUCTION PER CUSTOMER	840,269.97 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	38 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	--- %

IV. AVOIDED GENERATOR AND T&D COSTS

(1) BASE YEAR	2012
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2020
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2015-2020
(4) BASE YEAR AVOIDED GENERATING COST	799.86 \$/KW
(5) BASE YEAR AVOIDED TRANSMISSION COST	362.99 \$/KW
(6) BASE YEAR DISTRIBUTION COST	21.44 \$/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	2.81 \$/KW
(11) DISTRIBUTION FIXED O & M COST	2.07 \$/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	42% ** (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	6.35 %

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	--- \$/K-W/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 CALCULATION OF GEN K-FACTOR
 2 PROGRAM METHOD SELECTED REV REQ
 3 PROGRAM NAME: ██████████

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR	DEBT	PREFERRED	COMMON	INCOME	PROPERTY	PROPERTY	DEPREC.	DEFERRED	TOTAL	PRESENT	CUMULATIVE	REPLACEMENT
RATE BASE	(\$000)	STOCK	EQUITY	TAXES	TAX	INSURANCE	(\$000)	TAXES	FIXED	WORTH	PW FIXED	COST BASIS
YEAR	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	CHARGES	CHARGES	CHARGES	FOR
									(\$000)	(\$000)	(\$000)	PROPERTY INSURANCE
												(\$000)
2020	564	15	0	35	20	10	0	19	97	97	97	556
2021	544	12	0	32	12	10	0	19	8	94	87	570
2022	517	12	0	31	12	9	0	19	7	90	78	584
2023	491	11	0	29	13	9	0	19	6	87	70	598
2024	467	10	0	28	13	9	0	19	5	84	63	613
2025	443	10	0	26	13	8	0	19	4	80	57	629
2026	420	9	0	25	13	8	0	19	4	77	51	644
2027	398	9	0	24	13	8	0	19	3	74	45	660
2028	376	8	0	22	12	7	0	19	3	72	41	677
2029	355	8	0	21	11	7	0	19	3	69	36	694
2030	354	8	0	20	10	7	0	19	3	66	33	711
2031	313	7	0	19	10	6	0	19	3	63	29	729
2032	292	7	0	17	9	6	0	19	3	60	26	747
2033	271	6	0	16	8	6	0	19	3	57	23	766
2034	249	6	0	15	7	5	0	19	3	54	20	785
2035	228	5	0	13	6	5	0	19	3	52	18	805
2036	207	5	0	12	6	5	0	19	3	49	16	825
2037	186	4	0	11	5	4	0	19	3	46	14	845
2038	165	4	0	10	4	4	0	19	3	43	12	867
2039	143	3	0	8	3	4	0	19	3	40	11	888
2040	122	3	0	7	3	3	0	19	(2)	37	9	910
2041	106	2	0	6	11	3	0	19	(7)	35	8	933
2042	94	2	0	6	11	2	0	19	(7)	33	7	957
2043	82	2	0	5	10	2	0	19	(7)	31	6	980
2044	71	2	0	4	10	2	0	19	(7)	30	5	1,005
2045	59	1	0	3	10	1	0	19	(7)	28	5	1,030
2046	47	1	0	3	9	1	0	19	(7)	26	4	1,056
2047	35	1	0	2	9	1	1	19	(7)	25	4	1,082
2048	24	1	0	1	8	0	1	19	(7)	23	3	1,109
2049	12	0	0	1	8	(0)	1	19	(7)	21	3	1,137

IN SERVICE COST (\$000)	556
IN SERVICE YEAR	2020
BOOK LIFE (YRS)	30
EFFECTIVE TAX RATE	38.575
DISCOUNT RATE	7.5%
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 = 1.5852

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)
2020	5.75%	21	21	19	19	18	18	1	30	0	0	0	1	(7)
2021	7.22%	40	60	19	37	18	35	8	30	0	0	0	8	1
2022	6.68%	37	97	19	56	18	55	7	30	0	0	0	7	9
2023	6.18%	34	130	19	74	18	70	6	30	0	0	0	6	15
2024	5.71%	31	162	19	93	18	88	5	30	0	0	0	5	20
2025	5.29%	29	191	19	111	18	105	4	30	0	0	0	4	25
2026	4.89%	27	217	19	130	18	123	4	30	0	0	0	4	28
2027	4.52%	25	242	19	148	18	140	3	30	0	0	0	3	31
2028	4.46%	24	266	19	167	18	158	3	30	0	0	0	3	34
2029	4.46%	24	291	19	185	18	175	3	30	0	0	0	3	36
2030	4.46%	24	315	19	204	18	193	3	30	0	0	0	3	39
2031	4.46%	24	340	19	222	18	210	3	30	0	0	0	3	42
2032	4.46%	24	364	19	241	18	228	3	30	0	0	0	3	44
2033	4.46%	24	389	19	259	18	245	3	30	0	0	0	3	47
2034	4.46%	24	413	19	278	18	263	3	30	0	0	0	3	50
2035	4.46%	24	437	19	296	18	280	3	30	0	0	0	3	52
2036	4.46%	24	462	19	315	18	298	3	30	0	0	0	3	55
2037	4.46%	24	486	19	333	18	315	3	30	0	0	0	3	58
2038	4.46%	24	511	19	352	18	333	3	30	0	0	0	3	58
2039	4.46%	24	535	19	370	18	350	3	30	0	0	0	3	60
2040	2.23%	12	547	19	389	18	368	(2)	30	0	0	0	3	63
2041	0.00%	0	547	19	407	18	385	(2)	30	0	0	0	(2)	61
2042	0.00%	0	547	19	426	18	403	(2)	30	0	0	0	(2)	54
2043	0.00%	0	547	19	444	18	421	(2)	30	0	0	0	(2)	47
2044	0.00%	0	547	19	463	18	438	(2)	30	0	0	0	(2)	41
2045	0.00%	0	547	19	482	18	456	(2)	30	0	0	0	(2)	34
2046	0.00%	0	547	19	500	18	473	(2)	30	0	0	0	(2)	27
2047	0.00%	0	547	19	519	18	491	(2)	30	0	0	0	(2)	20
2048	0.00%	0	547	19	537	18	508	(2)	30	0	0	0	(2)	14
2049	0.00%	0	547	19	556	18	526	(2)	30	0	0	0	(2)	7

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2049
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(8)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	30
BOOK DEPR RATE - 1/USEFUL LIFE	3.55%

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

(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)
2020	5.75%	21	1	557	19	(7)	564	544	554
2021	7.22%	40	8	519	37	1	544	517	531
2022	6.68%	37	7	500	56	9	517	491	504
2023	6.18%	34	6	482	74	15	491	467	479
2024	5.71%	31	5	465	93	20	467	443	455
2025	5.29%	29	4	444	111	25	443	420	431
2026	4.89%	27	4	426	130	28	420	398	409
2027	4.52%	25	3	407	148	31	398	376	387
2028	4.46%	24	3	389	167	34	376	355	366
2029	4.46%	24	3	370	185	36	355	334	345
2030	4.46%	24	3	352	204	39	334	313	324
2031	4.46%	24	3	333	222	42	313	292	302
2032	4.46%	24	3	315	241	44	292	271	281
2033	4.46%	24	3	296	259	47	271	249	260
2034	4.46%	24	3	278	278	50	249	228	239
2035	4.46%	24	3	259	296	52	228	207	218
2036	4.46%	24	3	241	315	55	207	186	196
2037	4.46%	24	3	222	333	58	186	165	175
2038	4.46%	24	3	204	352	60	165	143	154
2039	4.46%	24	3	185	370	63	143	122	133
2040	2.23%	12	(2)	167	389	61	122	106	114
2041	0.00%	0	(7)	148	407	54	106	94	100
2042	0.00%	0	(7)	130	426	47	94	82	88
2043	0.00%	0	(7)	111	444	41	82	71	76
2044	0.00%	0	(7)	93	463	34	71	59	65
2045	0.00%	0	(7)	74	482	27	59	47	53
2046	0.00%	0	(7)	56	500	20	47	35	41
2047	0.00%	0	(7)	37	519	14	35	24	29
2048	0.00%	0	(7)	19	537	7	24	12	18
2049	0.00%	0	(7)	(0)	556	0	12	0	6

* Column not specified in workbook

(1) YEAR	(2) NO. YEARS BEFORE IN-SERVICE	(3) PLANT ESCALATION RATE	(4) CUMULATIVE ESCALATION FACTOR	(5) YEARLY EXPENDITURE (%)	(6) ANNUAL SPENDING (\$/KW)	(7) CUMULATIVE AVERAGE SPENDING (\$/KW)
2012	-8	0.00%	1.000	0.00%	0.00	0.00
2013	-7	3.00%	1.050	0.00%	0.00	0.00
2014	-6	3.00%	1.061	0.00%	0.00	0.00
2015	-5	3.00%	1.093	0.10%	0.84	0.42
2016	-4	3.00%	1.126	0.35%	3.11	2.40
2017	-3	3.00%	1.159	12.48%	115.70	61.81
2018	-2	3.00%	1.194	52.89%	505.14	372.25
2019	-1	3.00%	1.230	34.19%	356.55	792.96

100.00% 961.15

YEAR	(8) NO. YEARS BEFORE IN-SERVICE	(8) CUMULATIVE SPENDING WITH AFUDC (\$/KW)	(8a)* DEBT AFUDC (\$/KW)	(8b)* DEBT AFUDC (\$/KW)	(9) YEARLY TOTAL AFUDC (\$/KW)	(9a)* CUMULATIVE TOTAL AFUDC (\$/KW)	(9b)* CONSTRUCTION PERIOD INTEREST (\$/KW)	(9c)* CUMULATIVE CPI (\$/KW)	(9d)* DEFERRED TAXES (\$/KW)	(9e)* CUMULATIVE DEFERRED TAXES (\$/KW)	(10) INCREMENTAL YEAR-END BOOK VALUE (\$/KW)	(11) CUMULATIVE YEAR-END BOOK VALUE (\$/KW)
2012	-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2013	-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2015	-5	0.42	0.01	0.01	0.03	0.03	0.02	0.02	(0.01)	(0.01)	0.87	0.87
2016	-4	2.43	0.05	0.06	0.16	0.19	0.15	0.16	(0.03)	(0.04)	3.27	4.15
2017	-3	62.00	1.39	1.46	4.15	4.54	3.41	3.56	(0.78)	(0.81)	119.85	124.00
2018	-2	376.57	8.48	9.94	25.24	29.58	20.67	24.23	(4.70)	(5.51)	530.58	654.58
2019	-1	822.55	18.62	28.56	55.39	84.97	44.95	69.18	(10.16)	(15.67)	391.72	1,046.10

28.56

84.97

69.18

(15.67)

1,046.10

IN SERVICE YEAR	2020
PLANT COSTS	799,858,778
AFUDC RATE	6.69%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	510	510	510
EQUITY AFUDC	30		
DEBT AFUDC	15	15	
CPI			37
TOTAL	556	526	547

* Column not specified in workbook

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

(1) YEAR	(2) CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	(3) ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	(4) UTILITY AVERAGE SYSTEM FUEL COST (C/KWH)	(5) AVOIDED MARGINAL FUEL COST (C/KWH)	(6)* INCREASED MARGINAL FUEL COST (C/KWH)	(7) REPLACEMENT FUEL COST (C/KWH)	(8) PROGRAM/KW EFFECTIVENESS FACTOR	(9) PROGRAM/KWH EFFECTIVENESS FACTOR
2012	1	1	3.78	4.63	3.93	0.00	1.00	1.00
2013	1	1	3.89	4.52	4.02	0.00	1.00	1.00
2014	1	1	3.99	4.59	4.11	0.00	1.00	1.00
2015	1	1	4.28	4.99	4.42	0.00	1.00	1.00
2016	1	1	4.70	5.50	4.86	0.00	1.00	1.00
2017	1	1	5.10	6.07	5.28	0.00	1.00	1.00
2018	1	1	6.68	8.21	6.94	0.00	1.00	1.00
2019	1	1	7.17	8.92	7.46	0.00	1.00	1.00
2020	1	1	7.79	9.99	8.15	7.82	1.00	1.00
2021	1	1	8.26	10.16	8.59	7.50	1.00	1.00
2022	1	1	8.53	9.98	8.81	7.12	1.00	1.00
2023	1	1	8.89	10.15	9.17	7.54	1.00	1.00
2024	1	1	9.72	11.52	10.05	8.06	1.00	1.00
2025	1	1	10.63	12.87	11.04	8.83	1.00	1.00
2026	1	1	10.79	12.81	11.18	8.93	1.00	1.00
2027	1	1	10.99	13.00	11.35	8.99	1.00	1.00
2028	1	1	11.23	13.21	11.59	9.04	1.00	1.00
2029	1	1	11.50	13.53	11.86	9.06	1.00	1.00
2030	1	1	11.83	13.79	12.20	9.15	1.00	1.00
2031	1	1	12.16	14.19	12.55	9.25	1.00	1.00
2032	1	1	12.34	14.10	12.72	9.25	1.00	1.00
2033	1	1	12.75	14.80	13.17	9.50	1.00	1.00
2034	1	1	13.17	15.29	13.58	9.65	1.00	1.00
2035	1	1	13.39	15.33	13.77	9.79	1.00	1.00
2036	1	1	13.91	16.09	14.32	9.99	1.00	1.00
2037	1	1	14.19	16.22	14.57	10.08	1.00	1.00
2038	1	1	14.39	16.68	14.94	10.25	1.00	1.00
2039	1	1	15.20	17.39	15.56	10.42	1.00	1.00
2040	1	1	15.61	17.71	15.92	10.54	1.00	1.00
2041	1	1	16.19	18.42	16.53	10.72	1.00	1.00
2042	1	1	16.78	19.10	17.12	10.90	1.00	1.00
2043	1	1	17.33	19.62	17.68	11.07	1.00	1.00
2044	1	1	18.00	20.41	18.34	11.26	1.00	1.00
2045	1	1	18.60	20.93	18.93	11.43	1.00	1.00
2046	1	1	19.27	21.59	19.61	11.63	1.00	1.00
2047	1	1	19.96	22.21	20.28	11.82	1.00	1.00
2048	1	1	20.80	23.13	21.13	12.02	1.00	1.00
2049	1	1	21.55	23.82	21.88	12.23	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

* 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 PROGRAMNAME: [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	0	0	0	0	0	0
2020	97	65	1	109	151	121
2021	94	67	3	223	272	115
2022	90	69	3	279	316	126
2023	87	70	3	297	324	133
2024	84	72	3	321	354	127
2025	80	74	3	344	383	113
2026	77	76	3	352	393	115
2027	74	78	4	360	398	117
2028	72	79	4	367	401	120
2029	69	81	4	373	402	125
2030	66	83	4	380	406	128
2031	63	86	4	387	410	129
2032	60	88	4	394	410	136
2033	57	90	4	401	421	131
2034	54	92	4	408	428	131
2035	52	94	4	416	434	132
2036	49	97	5	423	443	130
2037	46	99	5	431	447	133
2038	43	102	5	438	455	133
2039	40	104	5	446	463	133
2040	37	107	5	454	468	136
2041	35	110	5	462	476	136
2042	33	112	5	471	484	138
2043	31	115	5	479	492	140
2044	30	118	5	483	500	141
2045	28	121	6	496	507	144
2046	26	124	6	505	516	145
2047	25	127	6	514	524	147
2048	23	130	6	524	534	149
2049	21	133	6	533	543	151
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	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	1,642	2,863	151	12,076	12,760	3,952
NPV	502	620	28	2,579	2,794	935

1 AVOIDED T&D AND PROGRAM FUEL SAVINGS
 2 PROGRAM METHOD SELECTED: KEY REQ
 3 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)	(9) PROGRAM OFF-PEAK PAYBACK \$(000)
2012	0	0	0	0	0	0	20	0
2013	32	2	33	6	1	6	39	0
2014	31	2	33	5	1	6	40	0
2015	30	2	32	5	1	6	43	0
2016	29	2	31	5	1	6	48	0
2017	28	2	30	5	1	6	53	0
2018	27	2	29	5	1	6	72	0
2019	26	2	28	4	1	5	78	0
2020	25	2	27	4	1	5	88	0
2021	24	2	26	4	1	5	89	0
2022	23	2	25	4	1	5	86	0
2023	23	2	25	4	1	5	87	0
2024	22	2	24	4	1	5	98	0
2025	21	2	23	3	1	4	112	0
2026	20	2	22	3	1	4	111	0
2027	19	2	21	3	1	4	113	0
2028	18	2	20	3	1	4	114	0
2029	17	2	20	3	1	4	117	0
2030	17	2	19	3	1	4	119	0
2031	16	2	18	2	1	4	125	0
2032	15	2	17	2	1	4	121	0
2033	14	3	17	2	1	4	128	0
2034	14	3	16	2	1	3	132	0
2035	15	3	16	2	1	3	132	0
2036	13	3	15	2	1	3	139	0
2037	12	3	15	2	2	3	140	0
2038	12	3	15	2	2	3	144	0
2039	11	3	14	2	2	3	150	0
2040	11	3	14	1	2	3	152	0
2041	10	3	13	1	2	3	159	0
2042	10	3	13	1	2	3	164	0
2043	10	3	13	0	2	2	169	0
2044	9	3	12	0	2	2	176	0
2045	9	3	12	0	2	2	180	0
2046	8	3	12	0	2	2	185	0
2047	8	4	11	0	2	2	190	0
2048	8	4	11	0	2	2	198	0
2049	7	4	11	0	2	2	204	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	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.	641	91	752	95	50	145	4,314	0
NPV	287	26	313	48	14	62	1,169	0

* 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]

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)
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	23	31	13	0	6
2021	49	63	14	0	(1)
2022	63	82	16	0	(4)
2023	68	88	17	0	(4)
2024	73	95	18	0	(4)
2025	79	105	20	0	(4)
2026	85	111	21	0	(5)
2027	92	120	23	0	(5)
2028	99	129	25	0	(5)
2029	107	139	26	0	(6)
2030	115	150	28	0	(6)
2031	124	161	31	0	(7)
2032	133	175	33	0	(8)
2033	143	186	35	0	(8)
2034	154	200	38	0	(9)
2035	165	215	41	0	(9)
2036	178	232	44	0	(10)
2037	191	249	47	0	(11)
2038	205	268	51	0	(12)
2039	221	288	54	0	(12)
2040	237	309	59	0	(13)
2041	255	332	63	0	(14)
2042	274	357	68	0	(16)
2043	295	384	73	0	(17)
2044	317	413	78	0	(18)
2045	341	444	84	0	(19)
2046	366	477	90	0	(21)
2047	394	513	97	0	(22)
2048	423	552	104	0	(24)
2049	455	593	112	0	(26)
0	0	0	0	0	0
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	5,722	7,460	1,447	0	(290)
NPV	953	1,242	256	0	(33)

