INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

	(1) CUSTOMER kW REDUCTION AT METER	2.38	kW
	(2) GENERATOR kW REDUCTION PER CUSTOMER	3.12564	kW
	(3) kW LINE LOSS PERCENTAGE	7.22	%
	(4) GENERATOR kWh REDUCTION PER CUSTOMER	9,660.01	kWh
	(5) kWh LINE LOSS PERCENTAGE	5.76	%
	(6) GROUP LINE LOSS MULTIPLIER	1.00	
	(7) CUSTOMER kWh INCREASE AT METER	0.00	kWh

II. ECONOMIC LIFE & K FACTORS

	(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	35	YEARS
	(2) GENERATOR ECONOMIC LIFE	30	YEARS
	(3) T&D ECONOMIC LIFE	35	YEARS
	(4) K FACTOR FOR GENERATION	1.58312	
	(5) K FACTOR FOR T & D	1.56919	

III. UTILITY & CUSTOMER COSTS

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

IV. AVOIDED GENERATOR AND T&D COSTS

(1)	BASE YEAR	2014	
(2)	IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2019	
(3)	IN-SERVICE YEAR FOR AVOIDED T&D	2017-2019	
(4)	BASE YEAR AVOIDED GENERATING COST	776.33	$/kW
(5)	BASE YEAR AVOIDED TRANSMISSION COST	146.90	$/kW
(6)	BASE YEAR DISTRIBUTION COST	24.85	$/kW
(7)	GEN, TRAN & DIST COST ESCALATION RATE	3.00	%**
(8)	GENERATOR FIXED O & M COST	58.35	$/kW/YR
(9)	GENERATOR FIXED O&M ESCALATION RATE	2.50	%**
(10)	TRANSMISSION FIXED O & M COST	3.53	$/kW
(11)	DISTRIBUTION FIXED O & M COST	2.34	$/kW
(12)	T&D FIXED O&M ESCALATION RATE	2.50	%**
(13)	AVOIDED GEN UNIT VARIABLE O & M COSTS	0.065	CENTS/kWh
(14)	GENERATOR VARIABLE O&M COST ESCALATION RATE	2.50	%**
(15)	GENERATOR CAPACITY FACTOR	56%	** (In-service year)
(16)	AVOIDED GENERATING UNIT FUEL COST	3.85	CENTS PER kWh** (In-service year)
(17)	AVOIDED GEN UNIT FUEL COST ESCALATION RATE	4.65	%**

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

* INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

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)
2014	0	0	0	0	0	0	0	0	0	0
2015	712	3,890	0	4,602	431	0	36,083	0	0	36,083
2016	729	3,890	0	4,619	1,312	0	36,985	0	0	36,985
2017	748	3,890	0	4,638	2,253	0	37,909	0	0	37,909
2018	766	3,890	0	4,656	3,328	0	38,857	0	0	38,857
2019	0	0	0	0	4,042	0	0	0	0	0
2020	0	0	0	0	4,101	0	0	0	0	0
2021	0	0	0	0	4,184	0	0	0	0	0
2022	0	0	0	0	4,351	0	0	0	0	0
2023	0	0	0	0	4,271	0	0	0	0	0
2024	0	0	0	0	4,301	0	0	0	0	0
2025	0	0	0	0	4,266	0	0	6,814	0	6,814
2026	0	0	0	0	4,274	0	0	6,985	0	6,985
2027	0	0	0	0	4,309	0	0	7,159	0	7,159
2028	0	0	0	0	4,341	0	0	7,338	0	7,338
2029	0	0	0	0	4,385	0	0	0	0	0
2030	0	0	0	0	4,416	0	0	0	0	0
2031	0	0	0	0	4,461	0	0	0	0	0
2032	0	0	0	0	4,576	0	0	0	0	0
2033	0	0	0	0	4,777	0	0	0	0	0
2034	0	0	0	0	4,870	0	0	0	0	0
2035	0	0	0	0	4,927	0	0	8,723	0	8,723
2036	0	0	0	0	5,102	0	0	8,941	0	8,941
2037	0	0	0	0	5,178	0	0	9,165	0	9,165
2038	0	0	0	0	5,260	0	0	9,394	0	9,394
2039	0	0	0	0	5,337	0	0	0	0	0
2040	1,319	3,890	0	5,209	5,579	0	66,895	0	0	66,895
2041	1,352	3,890	0	5,242	5,857	0	68,568	0	0	68,568
2042	1,386	3,890	0	5,276	6,132	0	70,282	0	0	70,282
2043	1,421	3,890	0	5,311	6,498	0	72,039	0	0	72,039
2044	0	0	0	0	6,628	0	0	0	0	0
2045	0	0	0	0	6,764	0	0	0	0	0
2046	0	0	0	0	6,904	0	0	0	0	0
2047	0	0	0	0	7,049	0	0	0	0	0
2048	0	0	0	0	7,199	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	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	8,433	31,121	0	39,553	161,663	0	427,618	64,519	0	492,138
NPV	3,232	15,209	0	18,441	47,279	0	163,892	18,741	0	182,633

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

page 2b

INPUT DATA - PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
ESCALATION RATES PROGRAM NAME: **Residential PV - $0.50 per Watt**

Year	(1) CPI%	(2) PPI-CAP%	(3) O&M%	(4) Fuel (cents/kwh)	(5) Capacity Factor	(6) Blended Cap. Rate	(7) Energy Charge (cents/kwh)	(8) Demand Charge ($/kw)
2014	2.50	2.50	2.50	0.00	0.00%	3.00	9.81	0.00
2015	2.50	2.50	2.50	0.00	0.00%	3.00	9.48	0.00
2016	2.50	2.50	2.50	0.00	0.00%	3.00	9.64	0.00
2017	2.50	2.50	2.50	0.00	0.00%	3.00	9.96	0.00
2018	2.50	2.50	2.50	0.00	0.00%	3.00	10.53	0.00
2019	2.50	2.50	2.50	3.85	55.85%	3.00	11.24	0.00
2020	2.50	2.50	2.50	4.03	95.39%	3.00	11.46	0.00
2021	2.50	2.50	2.50	4.10	95.40%	3.00	11.75	0.00
2022	2.50	2.50	2.50	4.23	95.37%	3.00	12.28	0.00
2023	2.50	2.50	2.50	4.42	94.99%	3.00	12.12	0.00
2024	2.50	2.50	2.50	4.69	94.40%	3.00	12.26	0.00
2025	2.50	2.50	2.50	4.88	93.42%	3.00	12.23	0.00
2026	2.50	2.50	2.50	5.08	88.94%	3.00	12.31	0.00
2027	2.50	2.50	2.50	5.31	87.68%	3.00	12.47	0.00
2028	2.50	2.50	2.50	5.59	87.36%	3.00	12.63	0.00
2029	2.50	2.50	2.50	5.79	87.30%	3.00	12.82	0.00
2030	2.50	2.50	2.50	5.88	88.13%	3.00	12.98	0.00
2031	2.50	2.50	2.50	6.13	88.44%	3.00	13.17	0.00
2032	2.50	2.50	2.50	6.32	89.14%	3.00	13.58	0.00
2033	2.50	2.50	2.50	6.59	89.64%	3.00	14.25	0.00
2034	2.50	2.50	2.50	6.84	89.85%	3.00	14.60	0.00
2035	2.50	2.50	2.50	7.09	89.65%	3.00	14.85	0.00
2036	2.50	2.50	2.50	7.31	90.14%	3.00	15.45	0.00
2037	2.50	2.50	2.50	7.63	89.91%	3.00	15.76	0.00
2038	2.50	2.50	2.50	7.92	89.91%	3.00	16.09	0.00
2039	2.50	2.50	2.50	8.22	89.91%	3.00	16.40	0.00
2040	2.50	2.50	2.50	8.52	89.86%	3.00	16.68	0.00
2041	2.50	2.50	2.50	8.79	89.82%	3.00	17.05	0.00
2042	2.50	2.50	2.50	9.18	89.85%	3.00	17.40	0.00
2043	2.50	2.50	2.50	9.48	89.84%	3.00	17.98	0.00
2044	2.50	2.50	2.50	9.88	89.93%	3.00	18.43	0.00
2045	2.50	2.50	2.50	10.25	89.91%	3.00	18.90	0.00
2046	2.50	2.50	2.50	10.63	89.91%	3.00	19.39	0.00
2047	2.50	2.50	2.50	10.97	89.83%	3.00	19.90	0.00
2048	2.50	2.50	2.50	11.44	89.92%	3.00	20.42	0.00
	0.00	0.00	0.00	0.00	0.00%	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00%	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00%	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00%	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00%	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00%	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00%	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00%	0.00	0.00	0.00

Column (1) used for: Utility Cost
Customer Equipment
Supply Costs

Column (6) used for: Gen, Tran, & Dist Cost

Column (3) used for: Customer O&M Cost
Generator Fixed O&M
T&D Fixed O&M
Generator Variable O&M

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

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) 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)
2019	11,710	226	0	733	450	203	6	385	23	2,028	2,028	2,028	11,562
2020	11,301	219	0	707	283	196	6	385	175	1,971	1,835	3,862	11,851
2021	10,741	208	0	672	284	189	6	385	151	1,897	1,643	5,505	12,147
2022	10,205	197	0	639	285	182	7	385	129	1,825	1,471	6,976	12,451
2023	9,690	187	0	607	285	175	7	385	109	1,755	1,317	8,293	12,762
2024	9,196	178	0	576	284	168	7	385	90	1,689	1,179	9,472	13,081
2025	8,720	169	0	546	283	161	7	385	73	1,624	1,055	10,528	13,408
2026	8,262	160	0	517	281	154	7	385	57	1,562	945	11,472	13,744
2027	7,819	151	0	490	266	147	7	385	54	1,501	845	12,317	14,087
2028	7,380	143	0	462	249	140	8	385	54	1,441	755	13,072	14,439
2029	6,940	134	0	434	232	133	8	385	54	1,381	673	13,745	14,800
2030	6,501	126	0	407	214	126	8	385	54	1,321	599	14,345	15,170
2031	6,061	117	0	379	197	119	8	385	54	1,261	532	14,877	15,550
2032	5,621	109	0	352	180	112	8	385	54	1,201	472	15,349	15,938
2033	5,182	100	0	324	162	105	9	385	54	1,141	417	15,766	16,337
2034	4,742	92	0	297	145	98	9	385	54	1,080	368	16,134	16,745
2035	4,303	83	0	269	128	91	9	385	54	1,020	323	16,457	17,164
2036	3,863	75	0	242	111	84	9	385	54	960	283	16,740	17,593
2037	3,423	66	0	214	93	77	10	385	54	900	247	16,987	18,033
2038	2,984	58	0	187	76	70	10	385	54	840	215	17,202	18,484
2039	2,544	49	0	159	156	63	10	385	(43)	780	185	17,387	18,946
2040	2,202	43	0	138	240	56	10	385	(141)	732	162	17,549	19,419
2041	1,957	38	0	123	231	49	11	385	(141)	695	143	17,692	19,905
2042	1,713	33	0	107	221	42	11	385	(141)	659	126	17,819	20,402
2043	1,468	28	0	92	211	35	11	385	(141)	622	111	17,930	20,913
2044	1,223	24	0	77	202	28	11	385	(141)	586	97	18,027	21,435
2045	979	19	0	61	192	21	12	385	(141)	550	85	18,112	21,971
2046	734	14	0	46	183	14	12	385	(141)	513	74	18,185	22,521
2047	489	9	0	31	173	7	12	385	(141)	477	64	18,249	23,084
2048	245	5	0	15	163	(0)	13	385	(141)	441	55	18,304	23,661

IN SERVICE COST	($000)	11,562
IN SERVICE YEAR		2019
BOOK LIFE (YRS)		30
EFFEC. TAX RATE		38.575
DISCOUNT RATE		7.4%
PROPERTY TAX		1.82%
PROPERTY INSURANCE		0.05%

CAPITAL STRUCTURE

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

K-FACTOR = CPWFC / IN-SVC COST = 1.58312

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

(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%	425	425	385	385	365	365	23	618	0	0	0	23	(124)
2020	7.22%	818	1,242	385	771	365	730	175	618	0	0	0	175	50
2021	6.68%	756	1,999	385	1,156	365	1,094	151	618	0	0	0	151	201
2022	6.18%	700	2,699	385	1,542	365	1,459	129	618	0	0	0	129	331
2023	5.71%	647	3,346	385	1,927	365	1,824	109	618	0	0	0	109	439
2024	5.29%	599	3,945	385	2,312	365	2,189	90	618	0	0	0	90	530
2025	4.89%	554	4,498	385	2,698	365	2,554	73	618	0	0	0	73	602
2026	4.52%	512	5,010	385	3,083	365	2,919	57	618	0	0	0	57	659
2027	4.46%	505	5,516	385	3,469	365	3,283	54	618	0	0	0	54	714
2028	4.46%	505	6,021	385	3,854	365	3,648	54	618	0	0	0	54	768
2029	4.46%	505	6,527	385	4,239	365	4,013	54	618	0	0	0	54	822
2030	4.46%	505	7,032	385	4,625	365	4,378	54	618	0	0	0	54	876
2031	4.46%	505	7,537	385	5,010	365	4,743	54	618	0	0	0	54	930
2032	4.46%	505	8,043	385	5,396	365	5,107	54	618	0	0	0	54	985
2033	4.46%	505	8,548	385	5,781	365	5,472	54	618	0	0	0	54	1,039
2034	4.46%	505	9,053	385	6,166	365	5,837	54	618	0	0	0	54	1,093
2035	4.46%	505	9,559	385	6,552	365	6,202	54	618	0	0	0	54	1,147
2036	4.46%	505	10,064	385	6,937	365	6,567	54	618	0	0	0	54	1,202
2037	4.46%	505	10,569	385	7,323	365	6,932	54	618	0	0	0	54	1,256
2038	4.46%	505	11,075	385	7,708	365	7,296	54	618	0	0	0	54	1,310
2039	2.23%	253	11,327	385	8,093	365	7,661	(43)	618	0	0	0	(43)	1,267
2040	0.00%	0	11,327	385	8,479	365	8,026	(141)	618	0	0	0	(141)	1,126
2041	0.00%	0	11,327	385	8,864	365	8,391	(141)	618	0	0	0	(141)	985
2042	0.00%	0	11,327	385	9,250	365	8,756	(141)	618	0	0	0	(141)	844
2043	0.00%	0	11,327	385	9,635	365	9,120	(141)	618	0	0	0	(141)	704
2044	0.00%	0	11,327	385	10,020	365	9,485	(141)	618	0	0	0	(141)	563
2045	0.00%	0	11,327	385	10,406	365	9,850	(141)	618	0	0	0	(141)	422
2046	0.00%	0	11,327	385	10,791	365	10,215	(141)	618	0	0	0	(141)	282
2047	0.00%	0	11,327	385	11,177	365	10,580	(141)	618	0	0	0	(141)	141
2048	0.00%	0	11,327	385	11,562	365	10,945	(141)	618	0	0	0	(141)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2048
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(148)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	618
BOOK DEPR RATE - 1/USEFUL LIFE	3.33%

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DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

(1)	(2)	(3)	(4)	(5)	(5a)*	(5b)*	(6)	(7)	(8)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION $(000)	DEFERRED TAX $(000)	END OF YEAR NET PLANT IN SERVICE $(000)	ACCUMULATED DEPRECIATION $(000)	ACCUMULATED DEF TAXES $(000)	BEGINNING YEAR RATE BASE $(000)	ENDING OF YEAR RATE BASE $(000)	MID-YEAR RATE BASE $(000)
2019	3.75%	425	23	11,177	385	(124)	11,710	11,301	11,505
2020	7.22%	818	175	10,791	771	50	11,301	10,741	11,021
2021	6.68%	756	151	10,406	1,156	201	10,741	10,205	10,473
2022	6.18%	700	129	10,020	1,542	331	10,205	9,690	9,947
2023	5.71%	647	109	9,635	1,927	439	9,690	9,196	9,443
2024	5.29%	599	90	9,250	2,312	530	9,196	8,720	8,958
2025	4.89%	554	73	8,864	2,698	602	8,720	8,262	8,491
2026	4.52%	512	57	8,479	3,083	659	8,262	7,819	8,041
2027	4.46%	505	54	8,093	3,469	714	7,819	7,380	7,600
2028	4.46%	505	54	7,708	3,854	768	7,380	6,940	7,160
2029	4.46%	505	54	7,323	4,239	822	6,940	6,501	6,720
2030	4.46%	505	54	6,937	4,625	876	6,501	6,061	6,281
2031	4.46%	505	54	6,552	5,010	930	6,061	5,621	5,841
2032	4.46%	505	54	6,166	5,396	985	5,621	5,182	5,402
2033	4.46%	505	54	5,781	5,781	1,039	5,182	4,742	4,962
2034	4.46%	505	54	5,396	6,166	1,093	4,742	4,303	4,522
2035	4.46%	505	54	5,010	6,552	1,147	4,303	3,863	4,083
2036	4.46%	505	54	4,625	6,937	1,202	3,863	3,423	3,643
2037	4.46%	505	54	4,239	7,323	1,256	3,423	2,984	3,203
2038	4.46%	505	54	3,854	7,708	1,310	2,984	2,544	2,764
2039	2.23%	253	(43)	3,469	8,093	1,267	2,544	2,202	2,373
2040	0.00%	0	(141)	3,083	8,479	1,126	2,202	1,957	2,080
2041	0.00%	0	(141)	2,698	8,864	985	1,957	1,713	1,835
2042	0.00%	0	(141)	2,312	9,250	844	1,713	1,468	1,590
2043	0.00%	0	(141)	1,927	9,635	704	1,468	1,223	1,346
2044	0.00%	0	(141)	1,542	10,020	563	1,223	979	1,101
2045	0.00%	0	(141)	1,156	10,406	422	979	734	856
2046	0.00%	0	(141)	771	10,791	282	734	489	612
2047	0.00%	0	(141)	385	11,177	141	489	245	367
2048	0.00%	0	(141)	(0)	11,562	0	245	0	122

*** 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)
2014	-5	0.00%	1.000	0.11%	0.83	0.41
2015	-4	3.00%	1.030	0.28%	2.26	1.96
2016	-3	3.00%	1.061	8.69%	71.58	38.88
2017	-2	3.00%	1.093	53.83%	456.61	302.97
2018	-1	3.00%	1.126	37.09%	324.11	693.33
				100.00%	855.39	

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 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)
2014	-5	0.41	0.01	0.01	0.03	0.03	0.02	0.02	(0.00)	(0.00)	0.86	0.86
2015	-4	1.99	0.04	0.05	0.13	0.16	0.09	0.11	(0.02)	(0.03)	2.39	3.24
2016	-3	39.03	0.73	0.78	2.54	2.70	1.87	1.98	(0.44)	(0.46)	74.12	77.36
2017	-2	305.67	5.73	6.51	19.90	22.59	14.61	16.59	(3.42)	(3.89)	476.51	553.87
2018	-1	715.93	13.48	19.99	46.79	69.38	34.01	50.60	(7.92)	(11.81)	370.90	924.77
			19.99		69.38		50.60		(11.81)		924.77	

IN SERVICE YEAR	2019
PLANT COSTS	776.3262845
AFUDC RATE	6.50%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	10,695	10,695	10,695
EQUITY AFUDC	618		
DEBT AFUDC	250	250	
CPI			633
TOTAL	11,562	10,945	11,327

*** Column not specified in workbook**

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED : REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

(1)	(2)	(3)	(4)	(5)	(6)*	(7)	(8)	(9)
YEAR	CUMULATIVE TOTAL PARTICIPATING CUSTOMERS	ADJUSTED CUMULATIVE PARTICIPATING CUSTOMERS	UTILITY AVERAGE SYSTEM FUEL COST (C/kWh)	AVOIDED MARGINAL FUEL COST (C/kWh)	INCREASED MARGINAL FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2014	0	0	3.60	7.12	3.60	0.00	1.00	1.00
2015	1,000	1,000	4.45	5.91	5.21	0.00	1.00	1.00
2016	2,000	2,000	4.92	7.41	5.94	0.00	1.00	1.00
2017	3,000	3,000	4.27	5.35	4.76	0.00	0.99	0.99
2018	4,000	4,000	5.27	6.88	5.98	0.00	0.99	0.99
2019	4,000	4,000	5.38	6.98	6.09	5.05	0.98	0.98
2020	4,000	4,000	5.65	7.48	6.44	5.04	0.98	0.98
2021	4,000	4,000	5.65	7.40	6.38	5.12	0.97	0.97
2022	4,000	4,000	5.60	7.10	6.24	5.09	0.97	0.97
2023	4,000	4,000	5.60	6.82	6.16	5.20	0.96	0.96
2024	4,000	4,000	5.81	7.00	6.36	5.51	0.96	0.96
2025	4,000	4,000	5.98	7.22	6.56	5.65	0.95	0.95
2026	4,000	4,000	5.73	6.74	6.21	5.77	0.95	0.95
2027	4,000	4,000	6.01	7.29	6.55	6.08	0.94	0.94
2028	4,000	4,000	6.07	7.10	6.58	6.19	0.94	0.94
2029	4,000	4,000	6.28	7.46	6.82	6.49	0.93	0.93
2030	4,000	4,000	6.34	7.34	6.79	6.45	0.93	0.93
2031	4,000	4,000	6.57	7.61	7.01	6.72	0.92	0.92
2032	4,000	4,000	6.62	7.46	6.98	6.76	0.92	0.92
2033	4,000	4,000	6.97	7.99	7.37	7.11	0.91	0.91
2034	4,000	4,000	7.05	7.96	7.40	7.29	0.91	0.91
2035	4,000	4,000	7.19	8.03	7.52	7.50	0.90	0.90
2036	4,000	4,000	7.47	8.39	7.81	7.70	0.90	0.90
2037	4,000	4,000	7.68	8.70	8.04	8.02	0.90	0.90
2038	4,000	4,000	7.94	8.94	8.29	8.33	0.89	0.89
2039	4,000	4,000	8.12	9.08	8.46	8.53	0.89	0.89
2040	4,000	4,000	8.35	9.29	8.70	8.87	1.00	1.00
2041	4,000	4,000	8.67	9.59	9.07	9.13	1.00	1.00
2042	4,000	4,000	8.99	10.01	9.42	9.47	0.99	0.99
2043	4,000	4,000	9.27	10.27	9.71	9.80	0.99	0.99
2044	4,000	4,000	9.60	10.63	10.03	10.25	0.98	0.98
2045	4,000	4,000	9.94	10.97	10.38	10.58	0.98	0.98
2046	4,000	4,000	10.25	11.25	10.64	10.92	0.97	0.97
2047	4,000	4,000	10.57	11.62	10.99	11.29	0.97	0.97
2048	4,000	4,000	11.00	12.15	11.44	11.78	0.96	0.96
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	0	0	0.00	0.00	0.00	0.00	0.00	0.00

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

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

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)
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	2,016	821	44	2,356	3,087	2,151
2020	1,952	838	77	4,211	5,262	1,816
2021	1,868	854	79	4,280	5,345	1,736
2022	1,788	871	81	4,415	5,317	1,839
2023	1,712	889	82	4,603	5,411	1,874
2024	1,639	906	83	4,846	5,698	1,776
2025	1,568	924	84	4,997	5,778	1,795
2026	1,500	943	81	4,946	5,625	1,846
2027	1,435	961	82	5,101	5,839	1,740
2028	1,371	980	83	5,345	5,925	1,854
2029	1,307	1,000	85	5,538	6,202	1,728
2030	1,244	1,020	87	5,675	6,222	1,803
2031	1,181	1,040	89	5,941	6,510	1,741
2032	1,119	1,061	92	6,170	6,601	1,841
2033	1,058	1,082	94	6,472	6,980	1,725
2034	997	1,103	96	6,727	7,176	1,747
2035	937	1,125	98	6,963	7,368	1,755
2036	877	1,148	100	7,217	7,600	1,742
2037	818	1,170	102	7,508	7,900	1,700
2038	760	1,194	104	7,799	8,205	1,651
2039	702	1,217	106	8,089	8,396	1,719
2040	655	1,242	108	8,389	8,727	1,667
2041	630	1,287	112	8,647	8,986	1,691
2042	613	1,356	118	9,029	9,324	1,792
2043	595	1,427	124	9,330	9,645	1,831
2044	574	1,500	131	9,730	10,099	1,836
2045	544	1,553	135	10,092	10,418	1,907
2046	506	1,584	138	10,471	10,756	1,943
2047	467	1,615	141	10,789	11,107	1,906
2048	430	1,647	144	11,264	11,604	1,881
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	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	32,866	34,358	2,980	206,941	223,110	54,034
NPV	12,322	9,040	779	50,286	56,246	16,181

AVOIDED T&D AND PROGRAM FUEL SAVINGS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME : **Residential PV - $0.50 per Watt**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(8a)*
YEAR	AVOIDED TRANSMISSION CAP COST $(000)	AVOIDED TRANSMISSION O&M COST $(000)	TOTAL AVOIDED TRANSMISSION COST $(000)	AVOIDED DISTRIBUTION CAP COST $(000)	AVOIDED DISTRIBUTION O&M COST $(000)	TOTAL AVOIDED DISTRIBUTION COST $(000)	PROGRAM FUEL SAVINGS $(000)	PROGRAM OFF-PEAK PAYBACK $(000)
2014	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	308	0
2016	82	12	94	11	6	17	1,181	0
2017	164	24	188	22	12	34	1,359	0
2018	245	49	294	33	18	52	2,458	0
2019	325	50	375	44	25	69	2,837	0
2020	313	51	363	43	26	68	3,039	0
2021	300	52	352	41	26	67	2,984	0
2022	288	53	341	39	27	66	2,827	0
2023	277	54	331	38	27	65	2,675	0
2024	266	55	321	36	28	64	2,722	0
2025	256	56	312	35	28	63	2,798	0
2026	245	57	302	34	29	62	2,583	0
2027	235	58	293	32	29	62	2,800	0
2028	224	59	283	31	30	61	2,690	0
2029	213	60	274	29	31	60	2,821	0
2030	203	62	265	28	31	59	2,745	0
2031	193	63	256	27	32	59	2,829	0
2032	183	64	248	25	33	58	2,740	0
2033	176	65	241	24	33	57	2,934	0
2034	169	67	236	22	34	56	2,897	0
2035	164	68	232	21	35	56	2,901	0
2036	159	69	229	20	35	55	3,019	0
2037	154	71	225	18	36	54	3,124	0
2038	149	72	222	17	37	54	3,186	0
2039	144	74	218	16	37	54	3,214	0
2040	140	75	215	15	38	54	3,707	0
2041	135	78	213	15	39	53	3,799	0
2042	130	82	212	14	40	54	3,953	0
2043	125	86	211	13	42	56	4,029	0
2044	120	91	211	12	45	57	4,148	0
2045	115	94	209	12	47	59	4,257	0
2046	110	96	206	9	49	57	4,339	0
2047	106	98	203	6	50	55	4,457	0
2048	101	100	200	3	51	53	4,647	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
NOM.	6,211	2,162	8,373	786	1,085	1,871	103,007	0
NPV	2,439	613	3,051	325	305	630	30,937	0

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

page 8a

AVOIDED GENERATING EMISSION IMPACT
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

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)
2014	0	0	0	0	0
2015	0	0	0	0	0
2016	0	0	1	0	1
2017	0	0	1	0	1
2018	0	0	1	0	1
2019	1	2	1	0	1
2020	2	3	1	0	0
2021	2	3	1	0	0
2022	2	3	1	0	0
2023	2	3	1	0	0
2024	2	3	1	0	0
2025	2	3	1	0	0
2026	2	3	1	0	0
2027	2	3	1	0	0
2028	2	3	1	0	0
2029	2	3	1	0	0
2030	2	3	1	0	0
2031	2	3	1	0	0
2032	3	3	1	0	0
2033	3	4	1	0	0
2034	3	4	1	0	0
2035	3	4	1	0	0
2036	3	4	1	0	0
2037	3	4	1	0	0
2038	3	4	1	0	0
2039	3	4	1	0	0
2040	3	4	2	0	1
2041	3	4	2	0	1
2042	3	4	2	0	1
2043	3	4	2	0	1
2044	3	5	2	0	1
2045	4	5	2	0	1
2046	4	5	2	0	1
2047	4	5	2	0	1
2048	4	5	2	0	1
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	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	82	110	45	0	16
NPV	21	29	14	0	6

TOTAL RESOURCE COST TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
YEAR	INCREASED SUPPLY COSTS $(000)	UTILITY PROGRAM COSTS $(000)	PARTICIPANT PROGRAM COSTS $(000)	OTHER COSTS $(000)	TOTAL COSTS $(000)	AVOIDED GEN UNIT BENEFITS $(000)	AVOIDED T&D BENEFITS $(000)	PROGRAM FUEL SAVINGS $(000)	OTHER BENEFITS $(000)	TOTAL BENEFITS $(000)	NET BENEFITS $(000)	CUMULATIVE DISCOUNTED NET BENEFITS $(000)
2014	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	712	36,083	0	36,794	0	0	308	0	308	(36,486)	(33,957)
2016	0	729	36,985	0	37,714	0	111	1,181	1	1,293	(36,421)	(65,504)
2017	0	748	37,909	0	38,657	0	222	1,359	1	1,582	(37,075)	(95,391)
2018	0	766	38,857	0	39,623	0	345	2,458	1	2,805	(36,819)	(123,014)
2019	0	0	0	0	0	2,151	444	2,837	1	5,432	5,432	(119,221)
2020	0	0	0	0	0	1,816	431	3,039	0	5,287	5,287	(115,786)
2021	0	0	0	0	0	1,736	419	2,984	0	5,139	5,139	(112,677)
2022	0	0	0	0	0	1,839	407	2,827	0	5,073	5,073	(109,822)
2023	0	0	0	0	0	1,874	396	2,675	0	4,946	4,946	(107,231)
2024	0	0	0	0	0	1,776	385	2,722	0	4,884	4,884	(104,850)
2025	0	0	6,814	0	6,814	1,795	375	2,798	0	4,969	(1,845)	(105,687)
2026	0	0	6,985	0	6,985	1,846	365	2,583	0	4,794	(2,191)	(106,612)
2027	0	0	7,159	0	7,159	1,740	354	2,800	0	4,895	(2,264)	(107,502)
2028	0	0	7,338	0	7,338	1,854	344	2,690	0	4,889	(2,450)	(108,398)
2029	0	0	0	0	0	1,728	334	2,821	0	4,883	4,883	(106,736)
2030	0	0	0	0	0	1,803	324	2,745	0	4,872	4,872	(105,192)
2031	0	0	0	0	0	1,741	314	2,829	0	4,885	4,885	(103,752)
2032	0	0	0	0	0	1,841	305	2,740	0	4,887	4,887	(102,411)
2033	0	0	0	0	0	1,725	298	2,934	0	4,958	4,958	(101,145)
2034	0	0	0	0	0	1,747	292	2,897	0	4,937	4,937	(99,971)
2035	0	0	8,723	0	8,723	1,755	288	2,901	0	4,944	(3,779)	(100,807)
2036	0	0	8,941	0	8,941	1,742	283	3,019	0	5,044	(3,897)	(101,609)
2037	0	0	9,165	0	9,165	1,700	279	3,124	0	5,103	(4,062)	(102,388)
2038	0	0	9,394	0	9,394	1,651	275	3,186	0	5,113	(4,281)	(103,151)
2039	0	0	0	0	0	1,719	272	3,214	0	5,206	5,206	(102,287)
2040	0	1,319	66,895	0	68,215	1,667	268	3,707	1	5,643	(62,572)	(111,952)
2041	0	1,352	68,568	0	69,920	1,691	266	3,799	1	5,756	(64,164)	(121,176)
2042	0	1,386	70,282	0	71,668	1,792	266	3,953	1	6,012	(65,656)	(129,960)
2043	0	1,421	72,039	0	73,460	1,831	267	4,029	1	6,127	(67,333)	(138,344)
2044	0	0	0	0	0	1,836	268	4,148	1	6,253	6,253	(137,620)
2045	0	0	0	0	0	1,907	268	4,257	1	6,433	6,433	(136,926)
2046	0	0	0	0	0	1,943	263	4,339	1	6,546	6,546	(136,269)
2047	0	0	0	0	0	1,906	259	4,457	1	6,622	6,622	(135,650)
2048	0	0	0	0	0	1,881	254	4,647	1	6,782	6,782	(135,060)
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	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	8,433	492,138	0	500,570	54,034	10,244	103,007	16	167,301	(333,269)	
NPV	0	3,232	182,633	0	185,865	16,181	3,681	30,937	6	50,805	(135,060)	

Discount Rate: 7.45 %

Benefit/Cost Ratio (Col(11) / Col(6)) : **0.27**

PARTICIPANT COSTS AND BENEFITS
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

(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)
2014	0	0	0	0	0	0	0	0	0	0	0
2015	568	9,658	3,890	0	14,116	36,083	0	0	36,083	(21,967)	(20,444)
2016	1,727	9,928	3,890	0	15,545	36,985	0	0	36,985	(21,440)	(39,015)
2017	2,964	0	3,890	0	6,854	37,909	0	0	37,909	(31,055)	(64,049)
2018	4,379	0	3,890	0	8,269	38,857	0	0	38,857	(30,588)	(86,997)
2019	5,318	0	0	0	5,318	0	0	0	0	5,318	(83,284)
2020	5,396	0	0	0	5,396	0	0	0	0	5,396	(79,777)
2021	5,506	0	0	0	5,506	0	0	0	0	5,506	(76,448)
2022	5,726	0	0	0	5,726	0	0	0	0	5,726	(73,225)
2023	5,619	0	0	0	5,619	0	0	0	0	5,619	(70,281)
2024	5,660	0	0	0	5,660	0	0	0	0	5,660	(67,522)
2025	5,614	0	0	0	5,614	0	6,814	0	6,814	(1,201)	(68,067)
2026	5,623	0	0	0	5,623	0	6,985	0	6,985	(1,361)	(68,642)
2027	5,669	0	0	0	5,669	0	7,159	0	7,159	(1,490)	(69,227)
2028	5,712	0	0	0	5,712	0	7,338	0	7,338	(1,626)	(69,822)
2029	5,769	0	0	0	5,769	0	0	0	0	5,769	(67,858)
2030	5,811	0	0	0	5,811	0	0	0	0	5,811	(66,017)
2031	5,870	0	0	0	5,870	0	0	0	0	5,870	(64,286)
2032	6,021	0	0	0	6,021	0	0	0	0	6,021	(62,634)
2033	6,286	0	0	0	6,286	0	0	0	0	6,286	(61,029)
2034	6,408	0	0	0	6,408	0	0	0	0	6,408	(59,506)
2035	6,483	0	0	0	6,483	0	8,723	0	8,723	(2,240)	(60,001)
2036	6,713	0	0	0	6,713	0	8,941	0	8,941	(2,229)	(60,460)
2037	6,813	0	0	0	6,813	0	9,165	0	9,165	(2,352)	(60,910)
2038	6,921	0	0	0	6,921	0	9,394	0	9,394	(2,473)	(61,351)
2039	7,022	0	0	0	7,022	0	0	0	0	7,022	(60,186)
2040	7,341	0	3,890	0	11,231	66,895	0	0	66,895	(55,664)	(68,784)
2041	7,706	0	3,890	0	11,596	68,568	0	0	68,568	(56,971)	(76,974)
2042	8,068	0	3,890	0	11,958	70,282	0	0	70,282	(58,324)	(84,777)
2043	8,550	0	3,890	0	12,440	72,039	0	0	72,039	(59,599)	(92,198)
2044	8,721	0	0	0	8,721	0	0	0	0	8,721	(91,187)
2045	8,899	0	0	0	8,899	0	0	0	0	8,899	(90,228)
2046	9,084	0	0	0	9,084	0	0	0	0	9,084	(89,316)
2047	9,275	0	0	0	9,275	0	0	0	0	9,275	(88,449)
2048	9,472	0	0	0	9,472	0	0	0	0	9,472	(87,626)
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	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	212,715	19,586	31,121	0	263,422	427,618	64,519	0	492,138	(228,716)	
NPV	62,210	17,588	15,209	0	95,007	163,892	18,741	0	182,633	(87,626)	

In Service of Gen Unit:	2019	
Discount Rate :	7.45	%
Benefit/Cost Ratio (Col(6) / Col(10))	**0.52**	

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: **Residential PV - $0.50 per Watt**

(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)
2014	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	712	3,890	431	0	5,033	308	0	0	0	308	(4,725)	(4,397)
2016	0	729	3,890	1,312	0	5,932	1,181	111	0	1	1,293	(4,639)	(8,416)
2017	0	748	3,890	2,253	0	6,890	1,359	222	0	1	1,582	(5,308)	(12,695)
2018	0	766	3,890	3,328	0	7,985	2,458	345	0	1	2,805	(5,180)	(16,581)
2019	0	0	0	4,042	0	4,042	4,988	444	0	1	5,432	1,391	(15,610)
2020	0	0	0	4,101	0	4,101	4,855	431	0	0	5,287	1,186	(14,840)
2021	0	0	0	4,184	0	4,184	4,720	419	0	0	5,139	955	(14,262)
2022	0	0	0	4,351	0	4,351	4,666	407	0	0	5,073	722	(13,856)
2023	0	0	0	4,271	0	4,271	4,550	396	0	0	4,946	675	(13,502)
2024	0	0	0	4,301	0	4,301	4,498	385	0	0	4,884	582	(13,218)
2025	0	0	0	4,266	0	4,266	4,594	375	0	0	4,969	703	(12,899)
2026	0	0	0	4,274	0	4,274	4,429	365	0	0	4,794	520	(12,679)
2027	0	0	0	4,309	0	4,309	4,540	354	0	0	4,895	586	(12,449)
2028	0	0	0	4,341	0	4,341	4,544	344	0	0	4,889	547	(12,249)
2029	0	0	0	4,385	0	4,385	4,549	334	0	0	4,883	499	(12,079)
2030	0	0	0	4,416	0	4,416	4,548	324	0	0	4,872	456	(11,935)
2031	0	0	0	4,461	0	4,461	4,571	314	0	0	4,885	424	(11,810)
2032	0	0	0	4,576	0	4,576	4,581	305	0	0	4,887	311	(11,724)
2033	0	0	0	4,777	0	4,777	4,660	298	0	0	4,958	181	(11,678)
2034	0	0	0	4,870	0	4,870	4,644	292	0	0	4,937	67	(11,662)
2035	0	0	0	4,927	0	4,927	4,656	288	0	0	4,944	17	(11,659)
2036	0	0	0	5,102	0	5,102	4,760	283	0	0	5,044	(57)	(11,670)
2037	0	0	0	5,178	0	5,178	4,823	279	0	0	5,103	(75)	(11,685)
2038	0	0	0	5,260	0	5,260	4,837	275	0	0	5,113	(147)	(11,711)
2039	0	0	0	5,337	0	5,337	4,934	272	0	0	5,206	(131)	(11,733)
2040	0	1,319	3,890	5,579	0	10,789	5,374	268	0	1	5,643	(5,146)	(12,527)
2041	0	1,352	3,890	5,857	0	11,099	5,489	266	0	1	5,756	(5,343)	(13,296)
2042	0	1,386	3,890	6,132	0	11,408	5,745	266	0	1	6,012	(5,396)	(14,017)
2043	0	1,421	3,890	6,498	0	11,809	5,859	267	0	1	6,127	(5,682)	(14,725)
2044	0	0	0	6,628	0	6,628	5,984	268	0	1	6,253	(376)	(14,768)
2045	0	0	0	6,764	0	6,764	6,164	268	0	1	6,433	(330)	(14,804)
2046	0	0	0	6,904	0	6,904	6,282	263	0	1	6,546	(357)	(14,840)
2047	0	0	0	7,049	0	7,049	6,363	259	0	1	6,622	(427)	(14,880)
2048	0	0	0	7,199	0	7,199	6,528	254	0	1	6,782	(417)	(14,916)
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	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	8,433	31,121	161,663	0	201,217	157,041	10,244	0	16	167,301	(33,915)	
NPV	0	3,232	15,209	47,279	0	65,721	47,118	3,681	0	6	50,805	(14,916)	

Discount Rate 7.45 %

Benefit/Cost Ratio (Col(12) / Col(7)) : **0.77**