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November 10, 2003

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VIA HAND DELIVERY

Blanca S. Bayó, Director
Division of the Commission Clerk and
Administrative Services
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

RECEIVED FPSC
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COMMISSION
CLERK

Re: Florida Power & Light Company's
Low Income Weatherization Research Project,
Final Report

991788
030000

Dear Ms. Bayó:

Enclosed for filing with the Florida Public Service Commission are the original and seven copies of Florida Power & Light Company's Low Income Weatherization Research Project Final Report. FPL's Low Income Weatherization Research Project was approved as part of FPL's DSM Plan in Order No. 00-0915-PAA-EG.

If you or any members of your staff have any questions regarding this filing, please contact me at (850) 222-2300.

Respectfully submitted,

Charles A. Guyton
Attorney for Florida Power &
Light Company

- AUS _____
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Florida Power & Light Company's Low Income Weatherization Research Project Final Report

Background

Florida Power & Light Company ("FPL") initially proposed the Low Income Weatherization Research Project ("Project") as part of its 2000 DSM Plan. FPL had previously agreed, as part of a stipulation entered into by FPL and the Legal Environmental Assistance Foundation ("LEAF") in FPL's last DSM goals proceeding, to file such a Project as a part of FPL's 2000 DSM Plan. See Order No. PSC-99-1412-S-EG. The project was approved by the Commission as part of FPL's DSM plan. See Order No. PSC-00-0915-PAA-EG.

The Project was initiated to investigate cost-effective methods of increasing the energy efficiency of housing for FPL's low-income customers. The Project addressed the needs of FPL's low-income customers by providing monetary incentives to housing authorities for the retrofit of individual homes. Incentives were used by housing authorities to leverage their funds for projects that increased the overall energy efficiency of the homes of their client base.

The purpose of the Project was to run a pilot program and determine if a full-scale program might eventually be offered cost-effectively. FPL has finished its evaluation of the Project, and this Report summarizes the Project and FPL's findings regarding the Project.

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Project Objective

FPL's Low Income Weatherization Research Project was designed to evaluate the cost-effectiveness of weatherization measures on low-income housing through developing working relationships with weatherization providers. The Project had the following goals:

- Integration of FPL's Project measures with the Department of Community Affairs ("DCA") and local weatherization providers to deliver energy efficiency measures to low-income families.
- Monitor costs and energy and demand impacts to design a future cost-effective low-income program.
- Increase low-income family's participation in FPL's DSM and load management programs.

Project Description

The Project was designed as a custom, energy conservation pilot program. The Project employed a combination of energy audits and incentives to encourage low-income housing owners to retrofit their homes with energy efficiency measures. The following energy end uses were addressed in each audit:

- HVAC systems
- Duct systems
- Ceiling Insulation
- Water heating
- Lighting
- Reduced air infiltration

FPL accepted National Energy Audits (NEATs) performed by local weatherization providers to determine the need for energy efficiency measures in each home. The local weatherization

providers worked with the Department of Community Affairs (DCA) and included both Weatherization Assistance Program (“WAP”) providers¹ and State Housing Initiatives Partnership Program (“SHIP”) administrators.² Representatives from DCA and both WAP and SHIP agencies were invited by FPL to training seminars to learn about and participate in the Project.

Once energy audits had been performed and potential energy efficiency measures identified, FPL offered incentives totaling a maximum of \$185 per home for the following measures:

- AC maintenance - a flat fee of \$30 towards the maintenance of air conditioning (a/c) units
- Duct system test cost - \$30³ per duct test, \$15 per additional a/c unit (home must have central a/c) Note: this incentive only applied if the weatherization provider received certification through FPL’s Duct System Testing and Repair Training Course.
- Infiltration measures - up to \$50 towards weatherization, caulking or weather-stripping
- Water heater maintenance – Including in this measure were: \$25 for insulation blanket, pipe insulation, and low-flow shower head. Note: these were evaluated separately.

¹ WAP providers receive funding from the DCA, and these funds are to be used to improve the energy efficiency of low-income housing. Eligible households in the WAP must have income that does not exceed 125% of the poverty level.

² SHIP funding comes from the Sadowski Act. In the SHIP program funds are allocated on a population based formula to eligible communities from documentary stamps and are deposited into the Local Government Housing Trust Fund. The local administrators use these funds to assist those with very-low, low and moderate incomes to install energy efficiency measures in their homes.

³ The duct system test of \$30.00 is intended to cover the cost of the blower door test.

- Compact fluorescent lighting - up to \$50 based upon actual fixture cost for a typical home
- Room ACs: Window/wall air conditioning units - \$75 per unit for wall units or PTACs with SEER ratings of 9.5 to 10.0 and \$115 per unit for SEER ratings of 11.0 to 14+

The Project was initially targeted at six counties, but it eventually extended to ten counties: Brevard, Broward, Charlotte, De Soto, Hendry, Lee, Miami-Dade, Palm Beach, Okeechobee and St. Johns. Seventy percent of the participants were from Miami-Dade and Broward counties.

The Project was designed to run until there were 500 participants from whom results could be measured. FPL achieved 500 participants in 2002 and then began its evaluation of measure implementation and cost-effectiveness. Consistent with the Project description submitted to the Commission, FPL has continued the Project during the period of evaluation.

The majority of participant homes were single-family detached, accounting for 85% of the program participants. Mobile homes made up 9% of the participants, followed by single-family attached homes at 6%.

As one would expect, there were various levels of installation of measures eligible for incentives. Reduced air infiltration measures were installed in 90% of participating homes. Water heater maintenance was performed on 80% of participants. Less than half of the participants had air conditioning maintenance or duct tests performed or installed efficient room air conditioners. Many participants did not have central air conditioning units; therefore, they were unable to take

advantage of the duct test or a/c maintenance measures. Compact fluorescent lights were also installed in 15% of the homes participating in the research project.

Research Methodology

FPL's Project evaluation included a diligent data gathering effort that culminated in the use of statistical billing analysis to calibrate engineering impact models. Participant (experimental) and non-participant (control) groups of approximately 200 customers each were used in the comparisons. The control group participated in the DCA weatherization program only while the participant group took part in the joint DCA-FPL Project.

Primary data collection activities included compilation and analysis of FPL's participant databases and development of an electronic database from DCA's Client Intake Form (CIF), Building Work Report (BWR) and NEAT paper files. These databases were then integrated.

FPL's consultant, with the cooperation of the DCA program manager, copied DCA paper files for DCA program participants in Dade, Broward, St. Johns, Okeechobee and DeSoto counties for the period June 2000 through October 2002. Each file contained NEAT, CIF, and BWR forms. The NEAT form contains estimates of energy savings and measure economics for recommended measures. The Client Intake Form (CIF) has demographic information and program eligibility data. The Building Work Report (BWR) has information on the labor and materials costs for each measure under three Federal programs. In addition, the BWR has blower door test data.

When 400 DCA program files were developed, they were matched to FPL's Customer Information System (CIS). 220 of these customers were FPL Project participants.

Most of the engineering impacts were derived from models developed during prior FPL evaluations. The models incorporate customer behavior and end-use characteristics specific to FPL's service territory. The exceptions were estimates for water heater insulation blankets, water heater pipe insulation, and a/c maintenance, which expand upon research studies from outside FPL including a San Diego Gas and Electric Low Income program evaluation.

The results were unadjusted engineering estimates calibrated with a statistically adjusted engineering (SAE) billing data analysis. The SAE analysis provides a billing data-based assessment of the overall accuracy of the engineering models of energy use. This is especially important in this evaluation due to the limited availability of detailed data on certain measures. In addition, the SAE model also provided a vehicle for separating FPL program impacts from those of the non-FPL funded efforts.

To isolate the effects of the FPL program from the DCA program, a model that controls for the fact that both DCA and FPL monies often fund similar measures was developed. A two-stage ordinary least squares (OLS) regression technique yields an FPL-specific program realization rate. The final result is a realization rate that can be applied to engineering impact estimates to yield adjusted program impacts.

All of the first stage regressions yield statistically significant coefficients. The second stage regression results revealed a summer realization rate of 34 percent, a winter realization rate of 42 percent, and a shoulder month realization rate of 104 percent. When applied to gross energy savings estimates, the overall program realization rate was 64 percent. This 64 percent

realization rate was applied to all of the FPL program engineering-based impacts to obtain the final impact estimates. The engineering model estimated savings were reduced using this adjustment factor to reflect the actual bill reduction.

Research Results

The demand and energy impacts for each measure on a per participant basis are as follows:

	KW Reduction		Energy Reduction
	Summer	Winter	Annual
AC Maintenance	0.235	0.000	484
Infiltration Measures	0.083	0.090	186
Pipe Insulation	0.003	0.010	40
Insulation Blanket	0.009	0.027	107
Low-Flow Shower Head	0.014	0.040	160
Compact Fluorescent Lamps	0.005	0.008	62
Room ACs	0.040	0.000	195

FPL assumes duct impacts to be the same as the Commission approved FPL program.

Incentive dollars totaling \$60,506 were offered to participating low-income weatherization agencies for weatherization measures. These matching funds from FPL allowed the agencies to help more low-income customers than would otherwise have been able to benefit from existing funds.

Cost-effectiveness Results

The result of the cost-effectiveness tests, as summarized in the matrix below, shows that only two weatherization measures, AC maintenance and Infiltration measures, pass all three cost-effectiveness tests. None of the other measures pass the RIM test. Appendix I contains a complete set of the cost-effectiveness runs.

	RIM Ratio	TRC Ratio	Participant Ratio
AC Maintenance	1.010	3.00	4.722
Infiltration Measures	1.009	1.88	2.143
Pipe Insulation	0.449	1.24	16.851
Insulation Blanket	0.522	1.90	6.268
Low-Flow Shower Head	0.600	3.64	15.085
Compact Fluorescent Lamps	0.513	1.54	8.316
Room ACs	0.38	0.66	1.985

Recommendations

Air conditioning maintenance and infiltration measures provided the best opportunity to offer cost-effective measures. The air conditioning maintenance measure was capable of producing incentives up to \$35, which was greater than the \$30 incentive provided in the pilot. The infiltration measure was capable of producing a \$10 incentive (note that this incentive was reduced from the \$50 incentive offered during the Project in order to be cost-effective). All water heating and room air conditioning measures were not cost-effective (even after reducing the incentives) and should be terminated. This conclusion is consistent with previous cost-effectiveness runs performed on these and similar measures.

If FPL receives permission to offer a low-income weatherization program, all previously described weatherization agencies should be invited to attend training sessions within two months of program approval. These sessions would be conducted throughout FPL's service territory. The participants would be responsible for providing installation documentation along with monthly invoices. FPL staff would remit payment to the agencies on a monthly basis.

Duct measures should continue to be offered through the Duct Testing & Repair Program. Certification training should be offered to participating agencies so that they may diagnose duct leakage. This is similar to what has been done in the past with other county agencies. Therefore, the \$30 cost of conducting the duct test should be eliminated for the agencies involved.

The Project should be concluded with the termination of the water heating measures (pipe insulation, insulation blanket and low-flow shower head), compact fluorescent lamps measure and room air conditioning measure. These measures did not prove to be cost-effective. A petition should be filed for a full-scale program containing air conditioning measures with an incentive of up to \$35 and infiltration measures with a modified incentive level of \$10. Consistent with the Project description initially submitted to the Commission, FPL should honor the Project while the petition for a full-scale program is pending.

Appendix I

Cost-effectiveness Runs

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.20 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0.27 kW
(3) kW LINE LOSS PERCENTAGE	9.53 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	522.85 kWh
(5) kWh LINE LOSS PERCENTAGE	7.43 %
(6) GROUP LINE LOSS MULTIPLIER	1.00
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.64555
(5) K FACTOR FOR T & D	1.65762

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	7.82 %
• (11) UTILITY AFUDC RATE	8.93 %
• (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	2003
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2008
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2006-2008
(4) BASE YEAR AVOIDED GENERATING COST	483.75 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	81.92 \$/kW
(6) BASE YEAR DISTRIBUTION COST	22.38 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	0.00 %**
(8) GENERATOR FIXED O & M COST	26.41 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	4.12 %**
(10) TRANSMISSION FIXED O & M COST	2.47 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.43 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	4.12 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.018 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1.88 %**
(15) GENERATOR CAPACITY FACTOR	84% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.25 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	2.54 %**

V. NON-FUEL ENERGY AND DEMAND CHARGES

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

* INPUT DATA -- PART I CONTINUED
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income-L1: BCI

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)
2003	0	0	0	0	0	0	0	0	0	
2004	50	35	0	85	19	0	56	0	56	
2005	51	35	0	86	55	0	57	0	57	
2006	52	35	0	87	91	0	58	0	58	
2007	53	35	0	88	127	0	60	0	60	
2008	0	0	0	0	128	0	0	0	0	
2009	0	0	0	0	128	0	0	0	0	
2010	0	0	0	0	129	0	0	0	0	
2011	0	0	0	0	129	0	0	0	0	
2012	0	0	0	0	131	0	0	0	0	
2013	0	0	0	0	132	0	0	0	0	
2014	0	0	0	0	132	0	0	0	0	
2015	0	0	0	0	133	0	0	0	0	
2016	0	0	0	0	133	0	0	0	0	
2017	0	0	0	0	134	0	0	0	0	
2018	0	0	0	0	137	0	0	0	0	
2019	76	35	0	111	137	0	85	0	85	
2020	78	35	0	113	137	0	88	0	88	
2021	81	35	0	116	137	0	91	0	91	
2022	84	35	0	119	136	0	94	0	94	
2023	0	0	0	0	136	0	0	0	0	
2024	0	0	0	0	136	0	0	0	0	
2025	0	0	0	0	136	0	0	0	0	
2026	0	0	0	0	135	0	0	0	0	
2027	0	0	0	0	135	0	0	0	0	

NOM	524	280	0	804	2,962	0	589	0	0	589
NPV	256	154	0	410	1,205	0	288	0	0	288

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L1: BCI

(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)
2008	619	18	0	37	25	0	24	(0)	104	104	104	609
2009	595	17	0	36	16	13	24	8	116	108	212	620
2010	563	16	0	34	16	12	24	6	112	96	309	630
2011	532	15	0	32	16	12	24	5	107	86	394	641
2012	502	14	0	30	16	11	24	4	103	76	471	652
2013	474	14	0	29	16	11	24	3	99	68	539	663
2014	446	13	0	27	16	10	24	2	95	60	599	674
2015	419	12	0	25	16	10	24	2	91	54	653	685
2016	393	11	0	24	15	9	24	1	87	48	701	697
2017	368	11	0	22	14	8	24	1	84	42	743	709
2018	342	10	0	21	13	8	24	1	80	38	781	721
2019	316	9	0	19	12	7	24	1	76	33	814	733
2020	290	8	0	18	11	7	24	1	72	29	843	746
2021	264	8	0	16	10	6	24	1	68	26	869	758
2022	238	7	0	14	9	6	24	1	65	23	891	771
2023	213	6	0	13	8	5	24	1	61	20	911	784
2024	187	5	0	11	7	5	24	1	57	17	928	798
2025	161	5	0	10	6	4	24	1	53	15	943	811
2026	135	4	0	8	5	4	24	1	50	13	956	825
2027	109	3	0	7	4	3	24	1	46	11	967	839
2028	84	2	0	5	3	3	24	(4)	42	9	976	853
2029	63	2	0	4	12	2	24	(9)	39	8	984	868
2030	47	1	0	3	12	2	24	(9)	37	7	991	883
2031	31	1	0	2	11	1	24	(9)	34	6	997	898
2032	16	0	0	1	10	1	24	(9)	32	5	1,002	913

IN SERVICE COST (\$000)	609
IN SERVICE YEAR	2008
BOOK LIFE (YRS)	25
EFFEC TAX RATE	38.575
DISCOUNT RATE	7.8%
PROPERTY TAX	2.17%
PROPERTY INSURANCE	0.39%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	45%	6.40	%
P/S	0%	0.00	%
C/S	55%	11.00	%

K-FACTOR = CPWFC / IN-SVC COST = 1.64555

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income-L1: BCI

(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)
2008	3.75%	22	22	24	24	23	23	(0)	47	0	0	0	(0)	(10)
2009	7.22%	43	65	24	49	23	45	8	47	0	0	0	8	(3)
2010	6.68%	39	104	24	73	23	68	6	47	0	0	0	6	4
2011	6.18%	36	140	24	97	23	90	5	47	0	0	0	5	9
2012	5.71%	34	174	24	122	23	113	4	47	0	0	0	4	14
2013	5.29%	31	205	24	146	23	135	3	47	0	0	0	3	17
2014	4.89%	29	234	24	171	23	158	2	47	0	0	0	2	19
2015	4.52%	27	260	24	195	23	180	2	47	0	0	0	2	21
2016	4.46%	26	287	24	219	23	203	1	47	0	0	0	1	22
2017	4.46%	26	313	24	244	23	225	1	47	0	0	0	1	24
2018	4.46%	26	339	24	268	23	248	1	47	0	0	0	1	25
2019	4.46%	26	366	24	292	23	270	1	47	0	0	0	1	27
2020	4.46%	26	392	24	317	23	293	1	47	0	0	0	1	28
2021	4.46%	26	418	24	341	23	315	1	47	0	0	0	1	30
2022	4.46%	26	444	24	366	23	338	1	47	0	0	0	1	31
2023	4.46%	26	471	24	390	23	360	1	47	0	0	0	1	33
2024	4.46%	26	497	24	414	23	383	1	47	0	0	0	1	34
2025	4.46%	26	523	24	439	23	405	1	47	0	0	0	1	35
2026	4.46%	26	549	24	463	23	428	1	47	0	0	0	1	37
2027	4.46%	26	576	24	487	23	450	1	47	0	0	0	1	38
2028	2.23%	13	589	24	512	23	473	(4)	47	0	0	0	(4)	35
2029	0.00%	0	589	24	536	23	495	(9)	47	0	0	0	(9)	26
2030	0.00%	0	589	24	560	23	518	(9)	47	0	0	0	(9)	17
2031	0.00%	0	589	24	585	23	540	(9)	47	0	0	0	(9)	9
2032	0.00%	0	589	24	609	23	563	(9)	47	0	0	0	(9)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(10)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	47
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income-L1: BCI

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	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)
2008	3.75%	22	(0)	609	24	(10)	619	595	607
2009	7.22%	43	8	585	49	(3)	595	563	579
2010	6.68%	39	6	560	73	4	563	532	548
2011	6.18%	36	5	536	97	9	532	502	517
2012	5.71%	34	4	512	122	14	502	474	488
2013	5.29%	31	3	487	146	17	474	446	460
2014	4.89%	29	2	463	171	19	446	419	433
2015	4.52%	27	2	439	195	21	419	393	406
2016	4.46%	26	1	414	219	22	393	368	380
2017	4.46%	26	1	390	244	24	368	342	355
2018	4.46%	26	1	366	268	25	342	316	329
2019	4.46%	26	1	341	292	27	316	290	303
2020	4.46%	26	1	317	317	28	290	264	277
2021	4.46%	26	1	292	341	30	264	238	251
2022	4.46%	26	1	268	366	31	238	213	226
2023	4.46%	26	1	244	390	33	213	187	200
2024	4.46%	26	1	219	414	34	187	161	174
2025	4.46%	26	1	195	439	35	161	135	148
2026	4.46%	26	1	171	463	37	135	109	122
2027	4.46%	26	1	146	487	38	109	84	96
2028	2.23%	13	(4)	122	512	35	84	63	73
2029	0.00%	0	(9)	97	536	26	63	47	55
2030	0.00%	0	(9)	73	560	17	47	31	39
2031	0.00%	0	(9)	49	585	9	31	16	24
2032	0.00%	0	(9)	24	609	0	16	0	8

* 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)
2003	-5	0.00%	1.000	0.00%	0.00	0.00
2004	-4	0.00%	1.000	1.00%	4.84	2.42
2005	-3	1.70%	1.017	18.00%	88.56	49.12
2006	-2	1.70%	1.034	48.00%	240.16	213.47
2007	-1	1.70%	1.052	33.00%	167.92	417.51

100.00% 501.47

(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)
2003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	2.42	0.07	0.07	0.22	0.15	0.15	(0.03)	(0.03)	5.05	5.05
2005	49.33	1.42	1.49	4.41	3.15	3.31	(0.67)	(0.70)	92.96	98.02
2006	218.10	6.30	7.79	19.54	13.87	17.18	(2.92)	(3.62)	259.70	357.72
2007	441.68	12.82	20.62	39.77	27.82	45.00	(5.78)	(9.41)	207.68	565.40

20.62

63.93

45.00

(9.41)

565.40

IN SERVICE YEAR	2008
PLANT COSTS	483.75
AFUDC RATE	8.93%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	540	540	540
EQUITY AFUDC	47		
DEBT AFUDC	22	22	
CPI			48
TOTAL	609	563	589

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L1: BCI

(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
2003	0	0	4.70	5.49	4.93	0.00	1.00	1.00
2004	1,000	1,000	4.07	5.00	4.27	0.00	1.00	1.00
2005	2,000	2,000	3.73	4.40	3.90	0.00	1.00	1.00
2006	3,000	3,000	3.67	4.46	3.86	0.00	1.00	1.00
2007	4,000	4,000	3.78	4.67	3.99	0.00	1.00	1.00
2008	4,000	4,000	3.76	4.54	3.97	3.82	1.00	1.00
2009	4,000	4,000	3.63	4.33	3.82	3.87	1.00	1.00
2010	4,000	4,000	3.61	4.30	3.78	3.92	1.00	1.00
2011	4,000	4,000	3.55	4.05	3.69	4.00	1.00	1.00
2012	4,000	4,000	3.61	4.21	3.74	4.07	1.00	1.00
2013	4,000	4,000	3.77	4.42	3.92	4.26	1.00	1.00
2014	4,000	4,000	3.86	4.46	4.01	4.42	1.00	1.00
2015	4,000	4,000	4.03	4.72	4.19	4.61	1.00	1.00
2016	4,000	4,000	4.17	4.79	4.32	4.84	1.00	1.00
2017	4,000	4,000	4.30	5.00	4.46	5.09	1.00	1.00
2018	4,000	4,000	4.49	5.29	4.67	5.35	1.00	1.00
2019	4,000	4,000	4.67	5.57	4.86	5.60	1.00	1.00
2020	4,000	4,000	4.87	5.89	5.09	5.89	1.00	1.00
2021	4,000	4,000	5.10	6.21	5.34	6.28	1.00	1.00
2022	4,000	4,000	5.15	6.27	5.39	6.67	1.00	1.00
2023	4,000	4,000	5.20	6.33	5.44	7.12	1.00	1.00
2024	4,000	4,000	5.26	6.40	5.50	7.19	1.00	1.00
2025	4,000	4,000	5.31	6.46	5.55	7.26	1.00	1.00
2026	4,000	4,000	5.36	6.53	5.61	7.34	1.00	1.00
2027	4,000	4,000	5.42	6.59	5.66	7.41	1.00	1.00

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

AVOIDED GENERATING BENEFITS
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME Low Income-L1: BCI

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)
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	104	35	2	258	304	96
2009	116	36	2	259	301	112
2010	112	38	2	261	302	111
2011	107	40	2	265	303	111
2012	103	41	2	272	309	109
2013	99	43	2	277	319	102
2014	95	45	2	290	335	97
2015	91	47	2	297	348	89
2016	87	49	2	306	366	79
2017	84	52	2	321	387	71
2018	80	54	2	334	412	58
2019	76	56	2	344	428	50
2020	72	59	2	358	454	37
2021	68	62	2	367	483	17
2022	65	64	2	386	519	(2)
2023	61	67	3	401	560	(28)
2024	57	70	3	418	572	(24)
2025	53	73	3	434	583	(20)
2026	50	76	3	452	595	(14)
2027	46	80	3	470	607	(8)

NOM	1,628	1,088	43	6,772	8,488	1,042
NPV	664	360	14	2,297	2,807	529

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L1: BC1

(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)
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	13	0
2005	4	1	5	1	0	1	35	0
2006	8	2	10	2	1	2	58	0
2007	12	2	15	3	1	4	85	0
2008	16	3	20	3	1	5	95	0
2009	16	3	19	3	1	5	90	0
2010	15	4	19	3	2	5	90	0
2011	15	4	18	3	2	5	85	0
2012	14	4	18	3	2	4	88	0
2013	13	4	17	3	2	4	92	0
2014	13	4	17	3	2	4	93	0
2015	12	4	17	3	2	4	99	0
2016	12	5	16	2	2	4	100	0
2017	11	5	16	2	2	4	105	0
2018	11	5	16	2	2	4	111	0
2019	10	5	16	2	2	4	116	0
2020	10	6	15	2	2	4	123	0
2021	9	6	15	2	2	4	130	0
2022	9	6	15	2	3	4	131	0
2023	8	6	14	2	3	4	132	0
2024	8	7	14	2	3	4	134	0
2025	7	7	14	1	3	4	135	0
2026	7	7	14	1	3	4	137	0
2027	6	7	14	1	3	4	138	0

NOM	247	106	354	50	46	96	2,416	0
NPV	111	37	148	22	16	38	916	0

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

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L1: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	50	56	0	106	0	0	13	0	13	(93)	(86)
2005	0	51	57	0	108	0	6	35	0	41	(68)	(144)
2006	0	52	58	0	111	0	12	58	0	71	(40)	(176)
2007	0	53	60	0	113	0	18	85	0	104	(10)	(183)
2008	0	0	0	0	0	96	24	95	0	215	215	(36)
2009	0	0	0	0	0	112	24	90	0	227	227	108
2010	0	0	0	0	0	111	23	90	0	224	224	241
2011	0	0	0	0	0	111	23	85	0	218	218	360
2012	0	0	0	0	0	109	22	88	0	220	220	472
2013	0	0	0	0	0	102	22	92	0	216	216	573
2014	0	0	0	0	0	97	22	93	0	212	212	666
2015	0	0	0	0	0	89	21	99	0	209	209	751
2016	0	0	0	0	0	79	21	100	0	200	200	826
2017	0	0	0	0	0	71	21	105	0	196	196	894
2018	0	0	0	0	0	58	20	111	0	189	189	955
2019	0	76	85	0	160	50	20	116	0	187	26	963
2020	0	78	88	0	166	37	20	123	0	180	14	967
2021	0	81	91	0	172	17	19	130	0	166	(5)	966
2022	0	84	94	0	177	(2)	19	131	0	148	(29)	959
2023	0	0	0	0	0	(28)	19	132	0	123	123	986
2024	0	0	0	0	0	(24)	19	134	0	128	128	1,012
2025	0	0	0	0	0	(20)	18	135	0	134	134	1,038
2026	0	0	0	0	0	(14)	18	137	0	141	141	1,063
2027	0	0	0	0	0	(8)	18	138	0	148	148	1,087

NOM	0	524	589	0	1,113	1,042	450	2,416	0	3,908	2,795
NPV	0	256	288	0	544	529	187	916	0	1,631	1,087

Discount Rate: 7.82 %
 Benefit/Cost Ratio (Col(11) / Col(6)) : 3.00

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L1: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0
2004	19	0	35	0	54	56	0	0	56	(2)	(2)
2005	55	0	35	0	90	57	0	0	57	33	26
2006	91	0	35	0	126	58	0	0	58	68	80
2007	127	0	35	0	162	60	0	0	60	102	155
2008	128	0	0	0	128	0	0	0	0	128	243
2009	128	0	0	0	128	0	0	0	0	128	325
2010	129	0	0	0	129	0	0	0	0	129	400
2011	129	0	0	0	129	0	0	0	0	129	471
2012	131	0	0	0	131	0	0	0	0	131	537
2013	132	0	0	0	132	0	0	0	0	132	600
2014	132	0	0	0	132	0	0	0	0	132	657
2015	133	0	0	0	133	0	0	0	0	133	711
2016	133	0	0	0	133	0	0	0	0	133	761
2017	134	0	0	0	134	0	0	0	0	134	808
2018	137	0	0	0	137	0	0	0	0	137	852
2019	137	0	35	0	172	85	0	0	85	87	878
2020	137	0	35	0	172	88	0	0	88	84	902
2021	137	0	35	0	172	91	0	0	91	81	923
2022	136	0	35	0	171	94	0	0	94	78	941
2023	136	0	0	0	136	0	0	0	0	136	971
2024	136	0	0	0	136	0	0	0	0	136	999
2025	136	0	0	0	136	0	0	0	0	136	1,025
2026	135	0	0	0	135	0	0	0	0	135	1,049
2027	135	0	0	0	135	0	0	0	0	135	1,071

NOM	2,962	0	280	0	3,242	589	0	0	589	2,653
NPV	1,205	0	154	0	1,359	288	0	0	288	1,071

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

2008
 7.82 %
 4.72

RATE IMPACT TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L1: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	50	35	19	0	103	13	0	0	0	13	(90)	(84)
2005	0	51	35	55	0	141	35	6	0	0	41	(100)	(170)
2006	0	52	35	91	0	178	58	12	0	0	71	(108)	(256)
2007	0	53	35	127	0	215	85	18	0	0	104	(111)	(338)
2008	0	0	0	128	0	128	190	24	0	0	215	87	(279)
2009	0	0	0	128	0	128	203	24	0	0	227	98	(216)
2010	0	0	0	129	0	129	201	23	0	0	224	95	(160)
2011	0	0	0	129	0	129	195	23	0	0	218	89	(111)
2012	0	0	0	131	0	131	197	22	0	0	220	89	(66)
2013	0	0	0	132	0	132	194	22	0	0	216	84	(26)
2014	0	0	0	132	0	132	191	22	0	0	212	80	9
2015	0	0	0	133	0	133	188	21	0	0	209	76	40
2016	0	0	0	133	0	133	179	21	0	0	200	67	65
2017	0	0	0	134	0	134	175	21	0	0	196	61	86
2018	0	0	0	137	0	137	169	20	0	0	189	52	103
2019	0	76	35	137	0	248	167	20	0	0	187	(61)	85
2020	0	78	35	137	0	250	160	20	0	0	180	(70)	65
2021	0	81	35	137	0	252	147	19	0	0	166	(86)	43
2022	0	84	35	136	0	255	129	19	0	0	148	(107)	18
2023	0	0	0	136	0	136	104	19	0	0	123	(13)	15
2024	0	0	0	136	0	136	109	19	0	0	128	(8)	13
2025	0	0	0	136	0	136	116	18	0	0	134	(2)	13
2026	0	0	0	135	0	135	122	18	0	0	141	5	14
2027	0	0	0	135	0	135	130	18	0	0	148	13	16

NOM	0	524	280	2,962	0	3,766	3,458	450	0	0	3,908	142
NPV	0	256	154	1,205	0	1,616	1,445	187	0	0	1,631	16

Discount Rate 7.82 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 1.01

INPUT DATA -- PART I CONTINUED
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME Low Income -L2: BCI

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0 08 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0 11 kW
(3) kW LINE LOSS PERCENTAGE	9 53 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	200 93 kWh
(5) kWh LINE LOSS PERCENTAGE	7 43 %
(6) GROUP LINE LOSS MULTIPLIER	1 00
(7) CUSTOMER kWh INCREASE AT METER	0 00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1 64555
(5) K FACTOR FOR T & D	1 65762

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 82 %
(11) UTILITY AFUDC RATE	8 93 %
(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	2003
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2008
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2006-2008
(4) BASE YEAR AVOIDED GENERATING COST	483 75 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	81 92 \$/kW
(6) BASE YEAR DISTRIBUTION COST	22 38 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	0 00 %**
(8) GENERATOR FIXED O & M COST	26 41 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	4 12 %**
(10) TRANSMISSION FIXED O & M COST	2 47 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1 43 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	4 12 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0 018 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1 88 %**
(15) GENERATOR CAPACITY FACTOR	84% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3 25 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	2 54 %**

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 I CONTINUED
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L2: BCI

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)
2003	0	0	0	0	0	0	0	0	0	
2004	16	10	0	26	7	0	51	0	51	
2005	17	10	0	27	21	0	52	0	52	
2006	17	10	0	27	35	0	53	0	53	
2007	17	10	0	27	49	0	54	0	54	
2008	0	0	0	0	56	0	0	0	0	
2009	0	0	0	0	56	0	0	0	0	
2010	0	0	0	0	57	0	0	0	0	
2011	0	0	0	0	57	0	0	0	0	
2012	0	0	0	0	57	0	0	0	0	
2013	0	0	0	0	58	0	0	0	0	
2014	0	0	0	0	58	0	0	0	0	
2015	0	0	0	0	58	0	0	0	0	
2016	0	0	0	0	58	0	0	0	0	
2017	0	0	0	0	59	0	0	0	0	
2018	0	0	0	0	60	0	0	0	0	
2019	25	10	0	35	60	0	77	0	77	
2020	26	10	0	36	60	0	80	0	80	
2021	26	10	0	36	60	0	82	0	82	
2022	27	10	0	37	60	0	85	0	85	
2023	0	0	0	0	60	0	0	0	0	
2024	0	0	0	0	60	0	0	0	0	
2025	0	0	0	0	60	0	0	0	0	
2026	0	0	0	0	59	0	0	0	0	
2027	0	0	0	0	59	0	0	0	0	

NOM	171	80	0	251	1,285	0	535	0	0	535
NPV	84	44	0	128	517	0	262	0	0	262

* SUPPLEMENTAL INFORMATION NOT SPECIFIED IN WORKBOOK

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

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L2: BCI

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
BEG-YEAR	RATE BASE	DEBT	PREFERRED STOCK	COMMON EQUITY	INCOME TAXES	PROPERTY TAX	PROPERTY INSURANCE	DEPREC	DEFERRED TAXES	TOTAL FIXED CHARGES	PRESENT WORTH FIXED CHARGES	CUMULATIVE PW FIXED CHARGES	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2008	261	8	0	16	10	0	0	10	(0)	44	44	44	256
2009	250	7	0	15	7	5	1	10	3	49	45	89	261
2010	237	7	0	14	7	5	1	10	3	47	40	130	265
2011	224	6	0	14	7	5	1	10	2	45	36	166	270
2012	211	6	0	13	7	5	1	10	2	43	32	198	274
2013	199	6	0	12	7	4	1	10	1	42	29	227	279
2014	188	5	0	11	7	4	1	10	1	40	25	252	284
2015	176	5	0	11	7	4	1	10	1	38	23	275	288
2016	166	5	0	10	6	4	1	10	1	37	20	295	293
2017	155	4	0	9	6	4	1	10	1	35	18	313	298
2018	144	4	0	9	5	3	1	10	1	34	16	328	303
2019	133	4	0	8	5	3	1	10	1	32	14	342	309
2020	122	4	0	7	5	3	1	10	1	30	12	355	314
2021	111	3	0	7	4	3	1	10	1	29	11	366	319
2022	100	3	0	6	4	2	1	10	1	27	9	375	325
2023	89	3	0	5	3	2	1	10	1	26	8	383	330
2024	79	2	0	5	3	2	1	10	1	24	7	391	336
2025	68	2	0	4	2	2	1	10	1	22	6	397	341
2026	57	2	0	3	2	2	1	10	1	21	5	402	347
2027	46	1	0	3	2	1	1	10	1	19	5	407	353
2028	35	1	0	2	3	1	1	10	(2)	18	4	411	359
2029	26	1	0	2	5	1	1	10	(4)	16	3	414	365
2030	20	1	0	1	5	1	1	10	(4)	15	3	417	371
2031	13	0	0	1	5	0	1	10	(4)	14	3	420	378
2032	7	0	0	0	4	0	1	10	(4)	13	2	422	384

IN SERVICE COST (\$000)	256
IN SERVICE YEAR	2008
BOOK LIFE (YRS)	25
EFFFC TAX RATE	38.575
DISCOUNT RATE	7.8%
PROPERTY TAX	2.17%
PROPERTY INSURANCE	0.39%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST	
DEBT	45%	6.40	%
P/S	0%	0.00	%
C/S	55%	11.00	%

K-FACTOR = CPWFC / IN-SVC COST = 1.64555

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME Low Income -L2: BCI

(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)
2008	3.75%	9	9	10	10	9	9	(0)	20	0	0	0	(0)	(4)
2009	7.22%	18	27	10	21	9	19	3	20	0	0	0	3	(1)
2010	6.68%	17	44	10	31	9	28	3	20	0	0	0	3	2
2011	6.18%	15	59	10	41	9	38	2	20	0	0	0	2	4
2012	5.71%	14	73	10	51	9	47	2	20	0	0	0	2	6
2013	5.29%	13	86	10	62	9	57	1	20	0	0	0	1	7
2014	4.89%	12	98	10	72	9	66	1	20	0	0	0	1	8
2015	4.52%	11	110	10	82	9	76	1	20	0	0	0	1	9
2016	4.46%	11	121	10	92	9	85	1	20	0	0	0	1	9
2017	4.46%	11	132	10	103	9	95	1	20	0	0	0	1	10
2018	4.46%	11	143	10	113	9	104	1	20	0	0	0	1	11
2019	4.46%	11	154	10	123	9	114	1	20	0	0	0	1	11
2020	4.46%	11	165	10	133	9	123	1	20	0	0	0	1	12
2021	4.46%	11	176	10	144	9	133	1	20	0	0	0	1	12
2022	4.46%	11	187	10	154	9	142	1	20	0	0	0	1	13
2023	4.46%	11	198	10	164	9	151	1	20	0	0	0	1	14
2024	4.46%	11	209	10	174	9	161	1	20	0	0	0	1	14
2025	4.46%	11	220	10	185	9	170	1	20	0	0	0	1	15
2026	4.46%	11	231	10	195	9	180	1	20	0	0	0	1	16
2027	4.46%	11	242	10	205	9	189	1	20	0	0	0	1	16
2028	2.23%	6	248	10	215	9	199	(2)	20	0	0	0	(2)	15
2029	0.00%	0	248	10	226	9	208	(4)	20	0	0	0	(4)	11
2030	0.00%	0	248	10	236	9	218	(4)	20	0	0	0	(4)	7
2031	0.00%	0	248	10	246	9	227	(4)	20	0	0	0	(4)	4
2032	0.00%	0	248	10	256	9	237	(4)	20	0	0	0	(4)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(4)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	20
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income-L2: BCI

(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)
2008	3.75%	9	(0)	256	10	(4)	261	250	256
2009	7.22%	18	3	246	21	(1)	250	237	244
2010	6.68%	17	3	236	31	2	237	224	230
2011	6.18%	15	2	226	41	4	224	211	218
2012	5.71%	14	2	215	51	6	211	199	205
2013	5.29%	13	1	205	62	7	199	188	194
2014	4.89%	12	1	195	72	8	188	176	182
2015	4.52%	11	1	185	82	9	176	166	171
2016	4.46%	11	1	174	92	9	166	155	160
2017	4.46%	11	1	164	103	10	155	144	149
2018	4.46%	11	1	154	113	11	144	133	138
2019	4.46%	11	1	144	123	11	133	122	127
2020	4.46%	11	1	133	133	12	122	111	117
2021	4.46%	11	1	123	144	12	111	100	106
2022	4.46%	11	1	113	154	13	100	89	95
2023	4.46%	11	1	103	164	14	89	79	84
2024	4.46%	11	1	92	174	14	79	68	73
2025	4.46%	11	1	82	185	15	68	57	62
2026	4.46%	11	1	72	195	16	57	46	51
2027	4.46%	11	1	62	205	16	46	35	41
2028	2.23%	6	(2)	51	215	15	35	26	31
2029	0.00%	0	(4)	41	226	11	26	20	23
2030	0.00%	0	(4)	31	236	7	20	13	17
2031	0.00%	0	(4)	21	246	4	13	7	10
2032	0.00%	0	(4)	10	256	0	7	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)
2003	-5	0.00%	1.000	0.00%	0.00	0.00
2004	-4	0.00%	1.000	1.00%	4.84	2.42
2005	-3	1.70%	1.017	18.00%	88.56	49.12
2006	-2	1.70%	1.034	48.00%	240.16	213.47
2007	-1	1.70%	1.052	33.00%	167.92	417.51

100.00% 501.47

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)
2003	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	-4	2.42	0.07	0.07	0.22	0.22	0.15	0.15	(0.03)	(0.03)	5.05	5.05
2005	-3	49.33	1.42	1.49	4.41	4.62	3.15	3.31	(0.67)	(0.70)	92.96	98.02
2006	-2	218.10	6.30	7.79	19.54	24.16	13.87	17.18	(2.92)	(3.62)	259.70	357.72
2007	-1	441.68	12.82	20.62	39.77	63.93	27.82	45.00	(5.78)	(9.41)	207.68	565.40

20.62

63.93

45.00

(9.41)

565.40

IN SERVICE YEAR	2008
PLANT COSTS	483.75
AFUDC RATE	8.93%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	227	227	227
EQUITY AFUDC	20		
DEBT AFUDC	9	9	
CPI			20
TOTAL	256	237	248

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L2: BCI

(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
2003	0	0	4.70	5.44	4.96	0.00	1.00	1.00
2004	1,000	1,000	4.07	4.94	4.30	0.00	1.00	1.00
2005	2,000	2,000	3.73	4.37	3.92	0.00	1.00	1.00
2006	3,000	3,000	3.67	4.42	3.89	0.00	1.00	1.00
2007	4,000	4,000	3.78	4.62	4.01	0.00	1.00	1.00
2008	4,000	4,000	3.76	4.50	3.99	3.82	1.00	1.00
2009	4,000	4,000	3.63	4.29	3.84	3.87	1.00	1.00
2010	4,000	4,000	3.61	4.26	3.80	3.92	1.00	1.00
2011	4,000	4,000	3.55	4.04	3.71	4.00	1.00	1.00
2012	4,000	4,000	3.61	4.18	3.75	4.07	1.00	1.00
2013	4,000	4,000	3.77	4.39	3.94	4.26	1.00	1.00
2014	4,000	4,000	3.86	4.43	4.02	4.42	1.00	1.00
2015	4,000	4,000	4.03	4.68	4.21	4.61	1.00	1.00
2016	4,000	4,000	4.17	4.76	4.34	4.84	1.00	1.00
2017	4,000	4,000	4.30	4.96	4.48	5.09	1.00	1.00
2018	4,000	4,000	4.49	5.24	4.69	5.35	1.00	1.00
2019	4,000	4,000	4.67	5.51	4.88	5.60	1.00	1.00
2020	4,000	4,000	4.87	5.82	5.11	5.89	1.00	1.00
2021	4,000	4,000	5.10	6.14	5.37	6.28	1.00	1.00
2022	4,000	4,000	5.15	6.20	5.42	6.67	1.00	1.00
2023	4,000	4,000	5.20	6.26	5.47	7.12	1.00	1.00
2024	4,000	4,000	5.26	6.33	5.53	7.19	1.00	1.00
2025	4,000	4,000	5.31	6.39	5.58	7.26	1.00	1.00
2026	4,000	4,000	5.36	6.45	5.64	7.34	1.00	1.00
2027	4,000	4,000	5.42	6.52	5.70	7.41	1.00	1.00

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

AVOIDED GENERATING BENEFITS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME *Low Income-L2: BCI*

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)
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	44	15	1	109	128	40
2009	49	15	1	109	127	47
2010	47	16	1	110	127	47
2011	45	17	1	112	128	47
2012	43	17	1	114	130	46
2013	42	18	1	117	134	43
2014	40	19	1	122	141	41
2015	38	20	1	125	147	38
2016	37	21	1	129	154	33
2017	35	22	1	135	163	30
2018	34	23	1	141	173	25
2019	32	24	1	145	180	21
2020	30	25	1	150	191	16
2021	29	26	1	155	203	7
2022	27	27	1	162	218	(1)
2023	26	28	1	169	236	(12)
2024	24	29	1	176	241	(10)
2025	22	31	1	183	245	(8)
2026	21	32	1	190	250	(6)
2027	19	34	1	198	255	(3)

NOM	685	458	18	2,850	3,572	439
NPV	279	151	6	967	1,181	222

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L2: BCI

(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)
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	5	0
2005	2	0	2	0	0	0	13	0
2006	4	1	4	1	0	1	22	0
2007	5	1	6	1	0	1	32	0
2008	7	1	8	1	1	2	36	0
2009	7	1	8	1	1	2	34	0
2010	6	1	8	1	1	2	34	0
2011	6	2	8	1	1	2	32	0
2012	6	2	8	1	1	2	34	0
2013	6	2	7	1	1	2	35	0
2014	5	2	7	1	1	2	36	0
2015	5	2	7	1	1	2	38	0
2016	5	2	7	1	1	2	38	0
2017	5	2	7	1	1	2	40	0
2018	5	2	7	1	1	2	42	0
2019	4	2	7	1	1	2	44	0
2020	4	2	6	1	1	2	47	0
2021	4	2	6	1	1	2	49	0
2022	4	3	6	1	1	2	50	0
2023	3	3	6	1	1	2	50	0
2024	3	3	6	1	1	2	51	0
2025	3	3	6	1	1	2	51	0
2026	3	3	6	1	1	2	52	0
2027	3	3	6	1	1	2	52	0

NOM	104	45	149	21	19	40	920	0
NPV	47	16	62	9	7	16	349	0

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

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income-L2: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	51	0	67	0	0	5	0	5	(62)	(58)
2005	0	17	52	0	69	0	3	13	0	16	(53)	(103)
2006	0	17	53	0	70	0	5	22	0	27	(43)	(137)
2007	0	17	54	0	72	0	8	32	0	40	(32)	(161)
2008	0	0	0	0	0	40	10	36	0	87	87	(101)
2009	0	0	0	0	0	47	10	34	0	92	92	(43)
2010	0	0	0	0	0	47	10	34	0	91	91	11
2011	0	0	0	0	0	47	10	32	0	89	89	59
2012	0	0	0	0	0	46	9	34	0	89	89	104
2013	0	0	0	0	0	43	9	35	0	87	87	145
2014	0	0	0	0	0	41	9	36	0	86	86	183
2015	0	0	0	0	0	38	9	38	0	84	84	217
2016	0	0	0	0	0	33	9	38	0	80	80	247
2017	0	0	0	0	0	30	9	40	0	78	78	274
2018	0	0	0	0	0	25	8	42	0	75	75	298
2019	0	25	77	0	102	21	8	44	0	74	(28)	290
2020	0	26	80	0	105	16	8	47	0	71	(35)	280
2021	0	26	82	0	109	7	8	49	0	65	(44)	269
2022	0	27	85	0	113	(1)	8	50	0	57	(56)	256
2023	0	0	0	0	0	(12)	8	50	0	46	46	266
2024	0	0	0	0	0	(10)	8	51	0	48	48	276
2025	0	0	0	0	0	(8)	8	51	0	51	51	286
2026	0	0	0	0	0	(6)	8	52	0	54	54	295
2027	0	0	0	0	0	(3)	8	52	0	57	57	305

NOM	0	171	535	0	706	439	189	920	0	1,547	841
NPV	0	84	262	0	345	222	78	349	0	650	305

Discount Rate: 7.82 %
 Benefit/Cost Ratio (Col(11) / Col(6)) : 1.88

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L2: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0
2004	7	0	10	0	17	51	0	0	51	(34)	(31)
2005	21	0	10	0	31	52	0	0	52	(21)	(49)
2006	35	0	10	0	45	53	0	0	53	(8)	(56)
2007	49	0	10	0	59	54	0	0	54	4	(53)
2008	56	0	0	0	56	0	0	0	0	56	(14)
2009	56	0	0	0	56	0	0	0	0	56	22
2010	57	0	0	0	57	0	0	0	0	57	55
2011	57	0	0	0	57	0	0	0	0	57	86
2012	57	0	0	0	57	0	0	0	0	57	115
2013	58	0	0	0	58	0	0	0	0	58	143
2014	58	0	0	0	58	0	0	0	0	58	168
2015	58	0	0	0	58	0	0	0	0	58	191
2016	58	0	0	0	58	0	0	0	0	58	213
2017	59	0	0	0	59	0	0	0	0	59	234
2018	60	0	0	0	60	0	0	0	0	60	253
2019	60	0	10	0	70	77	0	0	77	(7)	251
2020	60	0	10	0	70	80	0	0	80	(10)	249
2021	60	0	10	0	70	82	0	0	82	(12)	245
2022	60	0	10	0	70	85	0	0	85	(15)	242
2023	60	0	0	0	60	0	0	0	0	60	255
2024	60	0	0	0	60	0	0	0	0	60	267
2025	60	0	0	0	60	0	0	0	0	60	279
2026	59	0	0	0	59	0	0	0	0	59	289
2027	59	0	0	0	59	0	0	0	0	59	299

NOM	1,285	0	80	0	1,365	535	0	0	535	830
NPV	517	0	44	0	561	262	0	0	262	299

In Service of Gen Unit: 2008
 Discount Rate: 7.82 %
 Benefit/Cost Ratio (Col(6) / Col(10)) 2.14

RATE IMPACT TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L2: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	10	7	0	33	5	0	0	0	5	(28)	(26)
2005	0	17	10	21	0	48	13	3	0	0	16	(32)	(54)
2006	0	17	10	35	0	62	22	5	0	0	27	(35)	(82)
2007	0	17	10	49	0	76	32	8	0	0	40	(36)	(108)
2008	0	0	0	56	0	56	76	10	0	0	87	31	(87)
2009	0	0	0	56	0	56	82	10	0	0	92	35	(65)
2010	0	0	0	57	0	57	81	10	0	0	91	34	(45)
2011	0	0	0	57	0	57	79	10	0	0	89	32	(27)
2012	0	0	0	57	0	57	80	9	0	0	89	32	(11)
2013	0	0	0	58	0	58	78	9	0	0	87	29	3
2014	0	0	0	58	0	58	77	9	0	0	86	28	15
2015	0	0	0	58	0	58	75	9	0	0	84	26	25
2016	0	0	0	58	0	58	71	9	0	0	80	22	33
2017	0	0	0	59	0	59	70	9	0	0	78	19	40
2018	0	0	0	60	0	60	67	8	0	0	75	15	45
2019	0	25	10	60	0	95	66	8	0	0	74	(21)	39
2020	0	26	10	60	0	96	62	8	0	0	71	(25)	32
2021	0	26	10	60	0	96	56	8	0	0	65	(32)	24
2022	0	27	10	60	0	97	49	8	0	0	57	(40)	14
2023	0	0	0	60	0	60	38	8	0	0	46	(14)	11
2024	0	0	0	60	0	60	41	8	0	0	48	(11)	9
2025	0	0	0	60	0	60	43	8	0	0	51	(9)	7
2026	0	0	0	59	0	59	46	8	0	0	54	(6)	6
2027	0	0	0	59	0	59	49	8	0	0	57	(3)	6

NOM	0	171	80	1,283	0	1,536	1,358	189	0	0	1,547	11
NPV	0	84	44	517	0	644	571	78	0	0	650	6

Discount Rate

7.82 %

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

1.01

INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME Low Income -L3: BCI

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0 00 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0 01 kW
(3) kW LINE LOSS PERCENTAGE	9 53 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	43.21 kWh
(5) kWh LINE LOSS PERCENTAGE	7 43 %
(6) GROUP LINE LOSS MULTIPLIER	1 01
(7) CUSTOMER kWh INCREASE AT METER	3 00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1 64555
(5) K FACTOR FOR T & D	1 65762

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 82 %
(11) UTILITY AFUDC RATE	8 93 %
(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	2003
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2008
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2006 2008
(4) BASE YEAR AVOIDED GENERATING COST	483 75 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	81 92 \$/kW
(6) BASE YEAR DISTRIBUTION COST	22 38 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	0 00 %**
(8) GENERATOR FIXED O & M COST	26 41 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	4 12 %**
(10) TRANSMISSION FIXED O & M COST	2 47 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1 43 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	4 12 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0 018 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1 88 %**
(15) GENERATOR CAPACITY FACTOR	84% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3 25 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	2 54 %**

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 Low Income-L3: BCI

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)
2003	0	0	0	0	0	0	0	0	0	
2004	16	2	0	18	2	0	2	0	2	
2005	17	2	0	19	5	0	2	0	2	
2006	17	2	0	19	8	0	2	0	2	
2007	17	2	0	19	10	0	2	0	2	
2008	0	0	0	0	12	0	0	0	0	
2009	0	0	0	0	12	0	0	0	0	
2010	0	0	0	0	12	0	0	0	0	
2011	0	0	0	0	12	0	0	0	0	
2012	0	0	0	0	12	0	0	0	0	
2013	0	0	0	0	12	0	0	0	0	
2014	0	0	0	0	12	0	0	0	0	
2015	0	0	0	0	13	0	0	0	0	
2016	0	0	0	0	13	0	0	0	0	
2017	0	0	0	0	13	0	0	0	0	
2018	0	0	0	0	13	0	0	0	0	
2019	0	0	0	0	13	0	0	0	0	
2020	0	0	0	0	13	0	0	0	0	
2021	0	0	0	0	13	0	0	0	0	
2022	0	0	0	0	13	0	0	0	0	
2023	0	0	0	0	13	0	0	0	0	
2024	0	0	0	0	13	0	0	0	0	
2025	0	0	0	0	13	0	0	0	0	
2026	0	0	0	0	13	0	0	0	0	
2027	0	0	0	0	13	0	0	0	0	

NOM	67	8	0	75	276	0	8	0	0	8
NPV	56	7	0	63	111	0	7	0	0	7

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

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -LJ: BCI

(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)
2008	13	0	0	1	1	0	0	0	(0)	2	2	12
2009	12	0	0	1	0	0	0	0	0	2	2	13
2010	11	0	0	1	0	0	0	0	0	2	2	13
2011	11	0	0	1	0	0	0	0	0	2	2	13
2012	10	0	0	1	0	0	0	0	0	2	2	13
2013	10	0	0	1	0	0	0	0	0	2	1	13
2014	9	0	0	1	0	0	0	0	0	2	1	14
2015	9	0	0	1	0	0	0	0	0	2	1	14
2016	8	0	0	0	0	0	0	0	0	2	1	14
2017	7	0	0	0	0	0	0	0	0	2	1	14
2018	7	0	0	0	0	0	0	0	0	2	1	15
2019	6	0	0	0	0	0	0	0	0	2	1	15
2020	6	0	0	0	0	0	0	0	0	1	1	15
2021	5	0	0	0	0	0	0	0	0	1	1	15
2022	5	0	0	0	0	0	0	0	0	1	0	16
2023	4	0	0	0	0	0	0	0	0	1	0	16
2024	4	0	0	0	0	0	0	0	0	1	0	16
2025	3	0	0	0	0	0	0	0	0	1	0	16
2026	3	0	0	0	0	0	0	0	0	1	0	17
2027	2	0	0	0	0	0	0	0	0	1	0	17
2028	2	0	0	0	0	0	0	0	(0)	1	0	17
2029	1	0	0	0	0	0	0	0	(0)	1	0	18
2030	1	0	0	0	0	0	0	0	(0)	1	0	18
2031	1	0	0	0	0	0	0	0	(0)	1	0	18
2032	0	0	0	0	0	0	0	0	(0)	1	0	19

IN SERVICE COST (\$000)	12
IN SERVICE YEAR	2008
BOOK LIFE (YRS)	25
EFFEC TAX RATE	38.575
DISCOUNT RATE	7.8%
PROPERTY TAX	2.17%
PROPERTY INSURANCE	0.39%

CAPITAL STRUCTURE		
SOURCE	WEIGHT	COST
DEBT	45%	6.40%
P/S	0%	0.00%
C/S	55%	11.00%

K-FACTOR = CPWFC / IN-SVC COST =

1.64555

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L3: BCI

(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)
2008	3.75%	0	0	0	0	0	0	(0)	1	0	0	0	(0)	(0)
2009	7.22%	1	1	0	1	0	1	0	1	0	0	0	0	(0)
2010	6.68%	1	2	0	1	0	1	0	1	0	0	0	0	0
2011	6.18%	1	3	0	2	0	2	0	1	0	0	0	0	0
2012	5.71%	1	4	0	2	0	2	0	1	0	0	0	0	0
2013	5.29%	1	4	0	3	0	3	0	1	0	0	0	0	0
2014	4.89%	1	5	0	3	0	3	0	1	0	0	0	0	0
2015	4.52%	1	5	0	4	0	4	0	1	0	0	0	0	0
2016	4.46%	1	6	0	4	0	4	0	1	0	0	0	0	0
2017	4.46%	1	6	0	5	0	5	0	1	0	0	0	0	0
2018	4.46%	1	7	0	5	0	5	0	1	0	0	0	0	1
2019	4.46%	1	7	0	6	0	6	0	1	0	0	0	0	1
2020	4.46%	1	8	0	6	0	6	0	1	0	0	0	0	1
2021	4.46%	1	8	0	7	0	7	0	1	0	0	0	0	1
2022	4.46%	1	9	0	7	0	7	0	1	0	0	0	0	1
2023	4.46%	1	10	0	8	0	8	0	1	0	0	0	0	1
2024	4.46%	1	10	0	8	0	8	0	1	0	0	0	0	1
2025	4.46%	1	11	0	9	0	9	0	1	0	0	0	0	1
2026	4.46%	1	11	0	9	0	9	0	1	0	0	0	0	1
2027	4.46%	1	12	0	10	0	10	0	1	0	0	0	0	1
2028	2.23%	0	12	0	10	0	10	(0)	1	0	0	0	(0)	1
2029	0.00%	0	12	0	11	0	10	(0)	1	0	0	0	(0)	1
2030	0.00%	0	12	0	11	0	10	(0)	1	0	0	0	(0)	0
2031	0.00%	0	12	0	12	0	11	(0)	1	0	0	0	(0)	0
2032	0.00%	0	12	0	12	0	11	(0)	1	0	0	0	(0)	0

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	1
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -LJ: BCI

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2008	3.75%	0	(0)	12	0	(0)	13	12	12
2009	7.22%	1	0	12	1	(0)	12	11	12
2010	6.68%	1	0	11	1	0	11	11	11
2011	6.18%	1	0	11	2	0	11	10	10
2012	5.71%	1	0	10	2	0	10	10	10
2013	5.29%	1	0	10	3	0	10	9	9
2014	4.89%	1	0	9	3	0	9	9	9
2015	4.52%	1	0	9	4	0	9	8	8
2016	4.46%	1	0	8	4	0	8	7	8
2017	4.46%	1	0	8	5	0	7	7	7
2018	4.46%	1	0	7	5	1	7	6	7
2019	4.46%	1	0	7	6	1	6	6	6
2020	4.46%	1	0	6	6	1	6	5	6
2021	4.46%	1	0	6	7	1	5	5	5
2022	4.46%	1	0	5	7	1	5	4	4
2023	4.46%	1	0	5	8	1	4	4	4
2024	4.46%	1	0	4	8	1	4	3	4
2025	4.46%	1	0	4	9	1	3	3	3
2026	4.46%	1	0	3	9	1	3	2	3
2027	4.46%	1	0	3	10	1	2	2	2
2028	2.23%	0	(0)	2	10	1	2	1	1
2029	0.00%	0	(0)	2	11	1	1	1	1
2030	0.00%	0	(0)	1	11	0	1	1	1
2031	0.00%	0	(0)	1	12	0	1	0	0
2032	0.00%	0	(0)	0	12	0	0	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)
2003	-5	0.00%	1.000	0.00%	0.00	0.00
2004	-4	0.00%	1.000	1.00%	4.84	2.42
2005	-3	1.70%	1.017	18.00%	88.56	49.12
2006	-2	1.70%	1.034	48.00%	240.16	213.47
2007	-1	1.70%	1.052	33.00%	167.92	417.51

(8)	(8a)*	(8b)*	(9)	(9a)*	(9b)*	(9c)*	(9d)*	(9e)*	(10)	(11)	
											NO YEARS BEFORE IN-SERVICE
2003	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2004	-4	2.42	0.07	0.07	0.22	0.15	0.15	(0.03)	(0.03)	5.05	
2005	-3	49.33	1.42	1.49	4.41	4.62	3.15	(0.67)	(0.70)	92.96	
2006	-2	218.10	6.30	7.79	19.54	24.16	13.87	(2.92)	(3.62)	259.70	
2007	-1	441.68	12.82	20.62	39.77	63.93	27.82	(5.78)	(9.41)	207.68	
		20.62	63.93	45.00	(9.41)	565.40					

IN SERVICE YEAR	2008
PLANT COSTS	483.75
AFUDC RATE	8.93%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	11	11	11
EQUITY AFUDC	1		
DEBT AFUDC	0	0	
CPI			1
TOTAL	12	11	12

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L3: BCI

(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
2003	0	0	4.70	4.70	7.15	0.00	1.00	1.00
2004	1,000	1,000	4.07	4.07	6.85	0.00	1.00	1.00
2005	2,000	2,000	3.73	3.73	5.62	0.00	1.00	1.00
2006	3,000	3,000	3.67	3.67	6.36	0.00	1.00	1.00
2007	4,000	4,000	3.78	3.78	6.39	0.00	1.00	1.00
2008	4,000	4,000	3.76	3.76	6.39	3.82	1.00	1.00
2009	4,000	4,000	3.63	3.63	5.04	3.87	1.00	1.00
2010	4,000	4,000	3.61	3.61	4.88	3.92	1.00	1.00
2011	4,000	4,000	3.55	3.55	4.79	4.00	1.00	1.00
2012	4,000	4,000	3.61	3.61	4.98	4.07	1.00	1.00
2013	4,000	4,000	3.77	3.77	5.23	4.26	1.00	1.00
2014	4,000	4,000	3.86	3.86	5.32	4.42	1.00	1.00
2015	4,000	4,000	4.03	4.03	5.65	4.61	1.00	1.00
2016	4,000	4,000	4.17	4.17	5.67	4.84	1.00	1.00
2017	4,000	4,000	4.30	4.30	5.85	5.09	1.00	1.00
2018	4,000	4,000	4.49	4.49	6.35	5.35	1.00	1.00
2019	4,000	4,000	4.67	4.67	6.69	5.60	1.00	1.00
2020	4,000	4,000	4.87	4.87	6.99	5.89	1.00	1.00
2021	4,000	4,000	5.10	5.10	7.29	6.28	1.00	1.00
2022	4,000	4,000	5.15	5.15	7.36	6.67	1.00	1.00
2023	4,000	4,000	5.20	5.20	7.43	7.12	1.00	1.00
2024	4,000	4,000	5.26	5.26	7.51	7.19	1.00	1.00
2025	4,000	4,000	5.31	5.31	7.58	7.26	1.00	1.00
2026	4,000	4,000	5.36	5.36	7.66	7.34	1.00	1.00
2027	4,000	4,000	5.42	5.42	7.74	7.41	1.00	1.00

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

AVOIDED GENERATING BENEFITS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L3: BCI

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)
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	2	1	0	5	6	2
2009	2	1	0	5	6	2
2010	2	1	0	5	6	2
2011	2	1	0	5	6	2
2012	2	1	0	6	6	2
2013	2	1	0	6	6	2
2014	2	1	0	6	7	2
2015	2	1	0	6	7	2
2016	2	1	0	6	7	2
2017	2	1	0	7	8	1
2018	2	1	0	7	8	1
2019	2	1	0	7	9	1
2020	1	1	0	7	9	1
2021	1	1	0	7	10	0
2022	1	1	0	8	11	(0)
2023	1	1	0	8	11	(1)
2024	1	1	0	8	12	(0)
2025	1	1	0	9	12	(0)
2026	1	2	0	9	12	(0)
2027	1	2	0	10	12	(0)

NOM	33	22	1	137	172	21
NPV	13	7	0	47	57	11

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L3, BCI

(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)
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	1	0
2005	0	0	0	0	0	0	2	0
2006	0	0	0	0	0	0	4	0
2007	0	0	0	0	0	0	6	0
2008	0	0	0	0	0	0	7	0
2009	0	0	0	0	0	0	6	0
2010	0	0	0	0	0	0	6	0
2011	0	0	0	0	0	0	6	0
2012	0	0	0	0	0	0	6	0
2013	0	0	0	0	0	0	7	0
2014	0	0	0	0	0	0	7	0
2015	0	0	0	0	0	0	7	0
2016	0	0	0	0	0	0	7	0
2017	0	0	0	0	0	0	7	0
2018	0	0	0	0	0	0	8	0
2019	0	0	0	0	0	0	8	0
2020	0	0	0	0	0	0	8	0
2021	0	0	0	0	0	0	9	0
2022	0	0	0	0	0	0	9	0
2023	0	0	0	0	0	0	9	0
2024	0	0	0	0	0	0	9	0
2025	0	0	0	0	0	0	9	0
2026	0	0	0	0	0	0	9	0
2027	0	0	0	0	0	0	9	0

NOM	5	2	7	1	1	2	167	0
NPV	2	1	3	0	0	1	64	0

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

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME Low Income -L3- BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	2	0	18	0	0	1	0	1	(17)	(16)
2005	0	17	2	0	19	0	0	2	0	3	(16)	(30)
2006	0	17	2	0	19	0	0	4	0	4	(15)	(42)
2007	0	17	2	0	20	0	0	6	0	6	(14)	(52)
2008	0	0	0	0	0	2	0	7	0	9	9	(46)
2009	0	0	0	0	0	2	0	6	0	9	9	(40)
2010	0	0	0	0	0	2	0	6	0	9	9	(35)
2011	0	0	0	0	0	2	0	6	0	9	9	(30)
2012	0	0	0	0	0	2	0	6	0	9	9	(25)
2013	0	0	0	0	0	2	0	7	0	9	9	(21)
2014	0	0	0	0	0	2	0	7	0	9	9	(17)
2015	0	0	0	0	0	2	0	7	0	9	9	(14)
2016	0	0	0	0	0	2	0	7	0	9	9	(10)
2017	0	0	0	0	0	1	0	7	0	9	9	(7)
2018	0	0	0	0	0	1	0	8	0	9	9	(4)
2019	0	0	0	0	0	1	0	8	0	9	9	(1)
2020	0	0	0	0	0	1	0	8	0	10	10	2
2021	0	0	0	0	0	0	0	9	0	10	10	4
2022	0	0	0	0	0	(0)	0	9	0	9	9	6
2023	0	0	0	0	0	(1)	0	9	0	9	9	8
2024	0	0	0	0	0	(0)	0	9	0	9	9	10
2025	0	0	0	0	0	(0)	0	9	0	9	9	12
2026	0	0	0	0	0	(0)	0	9	0	9	9	14
2027	0	0	0	0	0	(0)	0	9	0	9	9	15

NOM	0	67	8	0	76	21	9	167	0	197	121
NPV	0	56	7	0	63	11	4	64	0	78	15

Discount Rate: 7.82 %
 Benefit/Cost Ratio (Col(11) / Col(6)) : 1.24

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income-L3: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0
2004	2	0	2	0	4	2	0	0	2	1	1
2005	5	0	2	0	7	2	0	0	2	4	5
2006	8	0	2	0	10	2	0	0	2	7	11
2007	10	0	2	0	12	2	0	0	2	10	19
2008	12	0	0	0	12	0	0	0	0	12	27
2009	12	0	0	0	12	0	0	0	0	12	35
2010	12	0	0	0	12	0	0	0	0	12	42
2011	12	0	0	0	12	0	0	0	0	12	49
2012	12	0	0	0	12	0	0	0	0	12	55
2013	12	0	0	0	12	0	0	0	0	12	61
2014	12	0	0	0	12	0	0	0	0	12	66
2015	13	0	0	0	13	0	0	0	0	13	71
2016	13	0	0	0	13	0	0	0	0	13	76
2017	13	0	0	0	13	0	0	0	0	13	80
2018	13	0	0	0	13	0	0	0	0	13	85
2019	13	0	0	0	13	0	0	0	0	13	88
2020	13	0	0	0	13	0	0	0	0	13	92
2021	13	0	0	0	13	0	0	0	0	13	95
2022	13	0	0	0	13	0	0	0	0	13	98
2023	13	0	0	0	13	0	0	0	0	13	101
2024	13	0	0	0	13	0	0	0	0	13	104
2025	13	0	0	0	13	0	0	0	0	13	106
2026	13	0	0	0	13	0	0	0	0	13	109
2027	13	0	0	0	13	0	0	0	0	13	111

NOM	276	0	8	0	284	8	0	0	8	276
NPV	111	0	7	0	118	7	0	0	7	111

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

2008
 7.82 %
 16.85

RATE IMPACT TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income-L3: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	2	2	0	20	1	0	0	0	1	(19)	(18)
2005	0	17	2	5	0	23	2	0	0	0	3	(21)	(35)
2006	0	17	2	8	0	27	4	0	0	0	4	(22)	(53)
2007	0	17	2	10	0	30	6	0	0	0	6	(24)	(71)
2008	0	0	0	12	0	12	8	0	0	0	9	(3)	(73)
2009	0	0	0	12	0	12	9	0	0	0	9	(3)	(75)
2010	0	0	0	12	0	12	8	0	0	0	9	(3)	(77)
2011	0	0	0	12	0	12	8	0	0	0	9	(3)	(79)
2012	0	0	0	12	0	12	8	0	0	0	9	(3)	(80)
2013	0	0	0	12	0	12	9	0	0	0	9	(3)	(82)
2014	0	0	0	12	0	12	9	0	0	0	9	(3)	(83)
2015	0	0	0	13	0	13	9	0	0	0	9	(3)	(85)
2016	0	0	0	13	0	13	9	0	0	0	9	(3)	(86)
2017	0	0	0	13	0	13	9	0	0	0	9	(3)	(87)
2018	0	0	0	13	0	13	9	0	0	0	9	(4)	(88)
2019	0	0	0	13	0	13	9	0	0	0	9	(3)	(89)
2020	0	0	0	13	0	13	9	0	0	0	10	(3)	(90)
2021	0	0	0	13	0	13	9	0	0	0	10	(3)	(91)
2022	0	0	0	13	0	13	9	0	0	0	9	(4)	(92)
2023	0	0	0	13	0	13	8	0	0	0	9	(4)	(93)
2024	0	0	0	13	0	13	9	0	0	0	9	(4)	(94)
2025	0	0	0	13	0	13	9	0	0	0	9	(4)	(94)
2026	0	0	0	13	0	13	9	0	0	0	9	(3)	(95)
2027	0	0	0	13	0	13	9	0	0	0	10	(3)	(96)

NOM	0	67	8	276	0	352	188	9	0	0	197	(154)
NPV	0	56	7	111	0	174	74	4	0	0	78	(96)

Discount Rate 7.82 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 0.45

INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME: Low Income -L4: BCI

I PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0 01 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0 02 kW
(3) kW LINE LOSS PERCENTAGE	9 53 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	115 59 kWh
(5) kWh LINE LOSS PERCENTAGE	7 43 %
(6) GROUP LINE LOSS MULTIPLIER	1 00
(7) CUSTOMER kWh INCREASE AT METER	0 00 kWh

II ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1 64555
(5) K FACTOR FOR T & D	1 65762

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 82 %
(11) UTILITY AFUDC RATE	8 93 %
(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	2003
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2008
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2008
(4) BASE YEAR AVOIDED GENERATING COST	483 75 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	81 92 \$/kW
(6) BASE YEAR DISTRIBUTION COST	22 38 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	0 00 %**
(8) GENERATOR FIXED O & M COST	26 41 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	4 12 %**
(10) TRANSMISSION FIXED O & M COST	2 47 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1 43 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	4 12 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0 018 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1 88 %**
(15) GENERATOR CAPACITY FACTOR	84% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3 75 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	2 54 %**

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 Low Income -L4: BCI

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)
2003	0	0	0	0	0	0	0	0	0	
2004	16	16	0	32	4	0	16	0	16	
2005	17	16	0	33	12	0	17	0	17	
2006	17	16	0	33	20	0	17	0	17	
2007	17	16	0	33	28	0	17	0	17	
2008	0	0	0	0	32	0	0	0	0	
2009	0	0	0	0	32	0	0	0	0	
2010	0	0	0	0	33	0	0	0	0	
2011	0	0	0	0	33	0	0	0	0	
2012	0	0	0	0	33	0	0	0	0	
2013	0	0	0	0	33	0	0	0	0	
2014	0	0	0	0	33	0	0	0	0	
2015	0	0	0	0	34	0	0	0	0	
2016	0	0	0	0	34	0	0	0	0	
2017	0	0	0	0	34	0	0	0	0	
2018	0	0	0	0	35	0	0	0	0	
2019	0	0	0	0	35	0	0	0	0	
2020	0	0	0	0	35	0	0	0	0	
2021	0	0	0	0	35	0	0	0	0	
2022	0	0	0	0	34	0	0	0	0	
2023	0	0	0	0	34	0	0	0	0	
2024	0	0	0	0	34	0	0	0	0	
2025	0	0	0	0	34	0	0	0	0	
2026	0	0	0	0	34	0	0	0	0	
2027	0	0	0	0	34	0	0	0	0	
NOM	67	64	0	131	739	0	67	0	0	67
NPV	56	53	0	109	297	0	56	0	0	56

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

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L4: BCI

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR	DEBT	PREFERRED STOCK	COMMON EQUITY	INCOME TAXES	PROPERTY TAX	PROPERTY INSURANCE	DEPREC	DEFERRED TAXES	TOTAL FIXED CHARGES	PRESENT WORTH FIXED CHARGES	CUMULATIVE PW FIXED CHARGES	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2008	36	1	0	2	1	0	1	(0)	6	6	6	36
2009	35	1	0	2	1	1	0	1	7	6	12	36
2010	33	1	0	2	1	1	0	1	7	6	18	37
2011	31	1	0	2	1	1	0	1	6	5	23	38
2012	29	1	0	2	1	1	0	1	6	4	28	38
2013	28	1	0	2	1	1	0	1	6	4	32	39
2014	26	1	0	2	1	1	0	1	6	4	35	39
2015	25	1	0	1	1	1	0	1	5	3	38	40
2016	23	1	0	1	1	1	0	1	5	3	41	41
2017	22	1	0	1	1	0	0	1	5	2	44	42
2018	20	1	0	1	1	0	0	1	5	2	46	42
2019	19	1	0	1	1	0	0	1	4	2	48	43
2020	17	0	0	1	1	0	0	1	4	2	49	44
2021	15	0	0	1	1	0	0	1	4	2	51	44
2022	14	0	0	1	1	0	0	1	4	1	52	45
2023	12	0	0	1	0	0	0	1	4	1	53	46
2024	11	0	0	1	0	0	0	1	3	1	54	47
2025	9	0	0	1	0	0	0	1	3	1	55	48
2026	8	0	0	0	0	0	0	1	3	1	56	48
2027	6	0	0	0	0	0	0	1	3	1	57	49
2028	5	0	0	0	0	0	0	1	(0)	1	57	50
2029	4	0	0	0	1	0	0	1	(1)	0	58	51
2030	3	0	0	0	1	0	0	1	(1)	0	58	52
2031	2	0	0	0	1	0	0	1	(1)	0	58	53
2032	1	0	0	0	1	0	0	1	(1)	0	59	53

IN SERVICE COST (\$000)	36
IN SERVICE YEAR	2008
BOOK LIFE (YRS)	25
EFFEC TAX RATE	38.575
DISCOUNT RATE	7.8%
PROPERTY TAX	2.17%
PROPERTY INSURANCE	0.39%

SOURCE	WEIGHT	COST
DEBT	45%	6.40%
P/S	0%	0.00%
C/S	55%	11.00%

K-FACTOR = CPWFC / IN-SVC COST = 1.64555

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME Low Income -L4. BCI

(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)
2008	3.75%	1	1	1	1	1	1	(0)	3	0	0	0	(0)	(1)
2009	7.22%	2	4	1	3	1	3	0	3	0	0	0	0	(0)
2010	6.68%	2	6	1	4	1	4	0	3	0	0	0	0	0
2011	6.18%	2	8	1	6	1	5	0	3	0	0	0	0	1
2012	5.71%	2	10	1	7	1	7	0	3	0	0	0	0	1
2013	5.29%	2	12	1	9	1	8	0	3	0	0	0	0	1
2014	4.89%	2	14	1	10	1	9	0	3	0	0	0	0	1
2015	4.52%	2	15	1	11	1	11	0	3	0	0	0	0	1
2016	4.46%	2	17	1	13	1	12	0	3	0	0	0	0	1
2017	4.46%	2	18	1	14	1	13	0	3	0	0	0	0	1
2018	4.46%	2	20	1	16	1	14	0	3	0	0	0	0	1
2019	4.46%	2	21	1	17	1	16	0	3	0	0	0	0	2
2020	4.46%	2	23	1	19	1	17	0	3	0	0	0	0	2
2021	4.46%	2	24	1	20	1	18	0	3	0	0	0	0	2
2022	4.46%	2	26	1	21	1	20	0	3	0	0	0	0	2
2023	4.46%	2	28	1	23	1	21	0	3	0	0	0	0	2
2024	4.46%	2	29	1	24	1	22	0	3	0	0	0	0	2
2025	4.46%	2	31	1	26	1	24	0	3	0	0	0	0	2
2026	4.46%	2	32	1	27	1	25	0	3	0	0	0	0	2
2027	4.46%	2	34	1	29	1	26	0	3	0	0	0	0	2
2028	2.23%	1	34	1	30	1	28	(0)	3	0	0	0	(0)	2
2029	0.00%	0	34	1	31	1	29	(1)	3	0	0	0	(1)	2
2030	0.00%	0	34	1	33	1	30	(1)	3	0	0	0	(1)	1
2031	0.00%	0	34	1	34	1	32	(1)	3	0	0	0	(1)	1
2032	0.00%	0	34	1	36	1	33	(1)	3	0	0	0	(1)	0

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L4: BCI

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION	(5b)* ACCUMULATED DEF TAXES	(6) BEGINNING YEAR RATE BASE	(7) ENDING OF YEAR RATE BASE	(8) MID-YEAR RATE BASE
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2008	3.75%	1	(0)	36	1	(1)	36	35	36
2009	7.22%	2	0	34	3	(0)	35	33	34
2010	6.68%	2	0	33	4	0	33	31	32
2011	6.18%	2	0	31	6	1	31	29	30
2012	5.71%	2	0	30	7	1	29	28	29
2013	5.29%	2	0	29	9	1	28	26	27
2014	4.89%	2	0	27	10	1	26	25	25
2015	4.52%	2	0	26	11	1	25	23	24
2016	4.46%	2	0	24	13	1	23	22	22
2017	4.46%	2	0	23	14	1	22	20	21
2018	4.46%	2	0	21	16	1	20	19	19
2019	4.46%	2	0	20	17	2	19	17	18
2020	4.46%	2	0	19	19	2	17	15	16
2021	4.46%	2	0	17	20	2	15	14	15
2022	4.46%	2	0	16	21	2	14	12	13
2023	4.46%	2	0	14	23	2	12	11	12
2024	4.46%	2	0	13	24	2	11	9	10
2025	4.46%	2	0	11	26	2	9	8	9
2026	4.46%	2	0	10	27	2	8	6	7
2027	4.46%	2	0	9	29	2	6	5	6
2028	2.23%	1	(0)	7	30	2	5	4	4
2029	0.00%	0	(1)	6	31	2	4	3	3
2030	0.00%	0	(1)	4	33	1	3	2	2
2031	0.00%	0	(1)	3	34	1	2	1	1
2032	0.00%	0	(1)	1	36	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)
2003	-5	0.00%	1.000	0.00%	0.00	0.00
2004	-4	0.00%	1.000	1.00%	4.84	2.42
2005	-3	1.70%	1.017	18.00%	88.56	49.12
2006	-2	1.70%	1.034	48.00%	240.16	213.47
2007	-1	1.70%	1.052	33.00%	167.92	417.51

100.00% 501.47

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)
2003	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	-4	2.42	0.07	0.07	0.22	0.22	0.15	0.15	(0.03)	(0.03)	5.05	5.05
2005	-3	49.33	1.42	1.49	4.41	4.62	3.15	3.31	(0.67)	(0.70)	92.96	98.02
2006	-2	218.10	6.30	7.79	19.54	24.16	13.87	17.18	(2.92)	(3.62)	259.70	357.72
2007	-1	441.68	12.82	20.62	39.77	63.93	27.82	45.00	(5.78)	(9.41)	207.68	565.40

20.62

63.93

45.00

(9.41)

565.40

IN SERVICE YEAR	2008
PLANT COSTS	483.75
AFUDC RATE	8.93%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	32	32	32
EQUITY AFUDC	3		
DEBT AFUDC	1	1	
CPI			3
TOTAL	36	33	34

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L4: BCI

(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 SYSTEM FUEL COST (C/kWh)	INCREASED MARGINAL SYSTEM FUEL COST (C/kWh)	REPLACEMENT FUEL COST (C/kWh)	PROGRAM kW EFFECTIVENESS FACTOR	PROGRAM kWh EFFECTIVENESS FACTOR
2003	0	0	4.70	4.70	7.15	0.00	1.00	1.00
2004	1,000	1,000	4.07	4.07	6.85	0.00	1.00	1.00
2005	2,000	2,000	3.73	3.73	5.62	0.00	1.00	1.00
2006	3,000	3,000	3.67	3.67	6.36	0.00	1.00	1.00
2007	4,000	4,000	3.78	3.78	6.39	0.00	1.00	1.00
2008	4,000	4,000	3.76	3.76	6.39	3.82	1.00	1.00
2009	4,000	4,000	3.63	3.63	5.04	3.87	1.00	1.00
2010	4,000	4,000	3.61	3.61	4.88	3.92	1.00	1.00
2011	4,000	4,000	3.55	3.55	4.79	4.00	1.00	1.00
2012	4,000	4,000	3.61	3.61	4.98	4.07	1.00	1.00
2013	4,000	4,000	3.77	3.77	5.23	4.26	1.00	1.00
2014	4,000	4,000	3.86	3.86	5.32	4.42	1.00	1.00
2015	4,000	4,000	4.03	4.03	5.65	4.61	1.00	1.00
2016	4,000	4,000	4.17	4.17	5.67	4.84	1.00	1.00
2017	4,000	4,000	4.30	4.30	5.85	5.09	1.00	1.00
2018	4,000	4,000	4.49	4.49	6.35	5.35	1.00	1.00
2019	4,000	4,000	4.67	4.67	6.69	5.60	1.00	1.00
2020	4,000	4,000	4.87	4.87	6.99	5.89	1.00	1.00
2021	4,000	4,000	5.10	5.10	7.29	6.28	1.00	1.00
2022	4,000	4,000	5.15	5.15	7.36	6.67	1.00	1.00
2023	4,000	4,000	5.20	5.20	7.43	7.12	1.00	1.00
2024	4,000	4,000	5.26	5.26	7.51	7.19	1.00	1.00
2025	4,000	4,000	5.31	5.31	7.58	7.26	1.00	1.00
2026	4,000	4,000	5.36	5.36	7.66	7.34	1.00	1.00
2027	4,000	4,000	5.42	5.42	7.74	7.41	1.00	1.00

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

AVOIDED GENERATING BENEFITS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L4: BCI

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)
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	6	2	0	15	18	6
2009	7	2	0	15	18	7
2010	7	2	0	15	18	6
2011	6	2	0	16	18	6
2012	6	2	0	16	18	6
2013	6	3	0	16	19	6
2014	6	3	0	17	20	6
2015	5	3	0	17	20	5
2016	5	3	0	18	21	5
2017	5	3	0	19	23	4
2018	5	3	0	20	24	3
2019	4	3	0	20	25	3
2020	4	3	0	21	27	2
2021	4	4	0	22	28	1
2022	4	4	0	23	30	(0)
2023	4	4	0	24	33	(2)
2024	3	4	0	24	33	(1)
2025	3	4	0	25	34	(1)
2026	3	4	0	26	35	(1)
2027	3	5	0	28	36	(0)

NOM	95	64	3	397	497	61
NPV	39	21	1	135	164	31

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L4: BCI

(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)
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	2	0
2005	0	0	0	0	0	0	6	0
2006	0	0	1	0	0	0	11	0
2007	1	0	1	0	0	0	15	0
2008	1	0	1	0	0	0	17	0
2009	1	0	1	0	0	0	17	0
2010	1	0	1	0	0	0	17	0
2011	1	0	1	0	0	0	16	0
2012	1	0	1	0	0	0	17	0
2013	1	0	1	0	0	0	17	0
2014	1	0	1	0	0	0	18	0
2015	1	0	1	0	0	0	19	0
2016	1	0	1	0	0	0	19	0
2017	1	0	1	0	0	0	20	0
2018	1	0	1	0	0	0	21	0
2019	1	0	1	0	0	0	22	0
2020	1	0	1	0	0	0	23	0
2021	1	0	1	0	0	0	24	0
2022	1	0	1	0	0	0	24	0
2023	0	0	1	0	0	0	24	0
2024	0	0	1	0	0	0	24	0
2025	0	0	1	0	0	0	25	0
2026	0	0	1	0	0	0	25	0
2027	0	0	1	0	0	0	25	0

NOM	14	6	21	3	3	6	447	0
NPV	6	2	9	1	1	2	170	0

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

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L4: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	16	0	33	0	0	2	0	2	(30)	(28)
2005	0	17	17	0	33	0	0	6	0	7	(26)	(51)
2006	0	17	17	0	34	0	1	11	0	11	(23)	(69)
2007	0	17	17	0	35	0	1	15	0	16	(19)	(83)
2008	0	0	0	0	0	6	1	17	0	24	24	(66)
2009	0	0	0	0	0	7	1	17	0	25	25	(50)
2010	0	0	0	0	0	6	1	17	0	25	25	(36)
2011	0	0	0	0	0	6	1	16	0	24	24	(22)
2012	0	0	0	0	0	6	1	17	0	24	24	(10)
2013	0	0	0	0	0	6	1	17	0	25	25	2
2014	0	0	0	0	0	6	1	18	0	25	25	13
2015	0	0	0	0	0	5	1	19	0	25	25	23
2016	0	0	0	0	0	5	1	19	0	25	25	32
2017	0	0	0	0	0	4	1	20	0	25	25	41
2018	0	0	0	0	0	3	1	21	0	25	25	49
2019	0	0	0	0	0	3	1	22	0	26	26	57
2020	0	0	0	0	0	2	1	23	0	26	26	64
2021	0	0	0	0	0	1	1	24	0	26	26	71
2022	0	0	0	0	0	(0)	1	24	0	25	25	77
2023	0	0	0	0	0	(2)	1	24	0	23	23	82
2024	0	0	0	0	0	(1)	1	24	0	24	24	87
2025	0	0	0	0	0	(1)	1	25	0	24	24	91
2026	0	0	0	0	0	(1)	1	25	0	25	25	96
2027	0	0	0	0	0	(0)	1	25	0	26	26	100

NOM	0	67	67	0	135	61	26	447	0	534	399
NPV	0	56	56	0	112	31	11	170	0	212	100

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

7.82 %
 1.89

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED, REV_REQ
 PROGRAM NAME Low Income -L4: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0
2004	4	0	16	0	20	16	0	0	16	4	4
2005	12	0	16	0	28	17	0	0	17	11	13
2006	20	0	16	0	36	17	0	0	17	19	29
2007	28	0	16	0	44	17	0	0	17	27	48
2008	32	0	0	0	32	0	0	0	0	32	70
2009	32	0	0	0	32	0	0	0	0	32	91
2010	33	0	0	0	33	0	0	0	0	33	110
2011	33	0	0	0	33	0	0	0	0	33	128
2012	33	0	0	0	33	0	0	0	0	33	145
2013	33	0	0	0	33	0	0	0	0	33	161
2014	33	0	0	0	33	0	0	0	0	33	175
2015	34	0	0	0	34	0	0	0	0	34	189
2016	34	0	0	0	34	0	0	0	0	34	201
2017	34	0	0	0	34	0	0	0	0	34	213
2018	35	0	0	0	35	0	0	0	0	35	224
2019	35	0	0	0	35	0	0	0	0	35	235
2020	35	0	0	0	35	0	0	0	0	35	244
2021	35	0	0	0	35	0	0	0	0	35	253
2022	34	0	0	0	34	0	0	0	0	34	262
2023	34	0	0	0	34	0	0	0	0	34	269
2024	34	0	0	0	34	0	0	0	0	34	276
2025	34	0	0	0	34	0	0	0	0	34	283
2026	34	0	0	0	34	0	0	0	0	34	289
2027	34	0	0	0	34	0	0	0	0	34	294

NOM	739	0	64	0	803	67	0	0	67	736
NPV	297	0	53	0	350	56	0	0	56	294

In Service of Gen Unit.

Discount Rate :

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

2008
 7.82 %
 6.27

RATE IMPACT TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L4: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	16	4	0	36	2	0	0	0	2	(34)	(32)
2005	0	17	16	12	0	45	6	0	0	0	7	(38)	(64)
2006	0	17	16	20	0	53	11	1	0	0	11	(42)	(98)
2007	0	17	16	28	0	61	15	1	0	0	16	(45)	(131)
2008	0	0	0	32	0	32	23	1	0	0	24	(8)	(136)
2009	0	0	0	32	0	32	23	1	0	0	25	(8)	(141)
2010	0	0	0	33	0	33	23	1	0	0	25	(8)	(146)
2011	0	0	0	33	0	33	23	1	0	0	24	(8)	(151)
2012	0	0	0	33	0	33	23	1	0	0	24	(9)	(155)
2013	0	0	0	33	0	33	23	1	0	0	25	(9)	(159)
2014	0	0	0	33	0	33	24	1	0	0	25	(9)	(163)
2015	0	0	0	34	0	34	24	1	0	0	25	(8)	(166)
2016	0	0	0	34	0	34	24	1	0	0	25	(9)	(169)
2017	0	0	0	34	0	34	24	1	0	0	25	(9)	(172)
2018	0	0	0	35	0	35	24	1	0	0	25	(9)	(175)
2019	0	0	0	35	0	35	25	1	0	0	26	(9)	(178)
2020	0	0	0	35	0	35	25	1	0	0	26	(9)	(180)
2021	0	0	0	35	0	35	25	1	0	0	26	(9)	(183)
2022	0	0	0	34	0	34	24	1	0	0	25	(10)	(185)
2023	0	0	0	34	0	34	22	1	0	0	23	(11)	(187)
2024	0	0	0	34	0	34	23	1	0	0	24	(10)	(190)
2025	0	0	0	34	0	34	23	1	0	0	24	(10)	(191)
2026	0	0	0	34	0	34	24	1	0	0	25	(9)	(193)
2027	0	0	0	34	0	34	25	1	0	0	26	(9)	(194)

NOM	0	67	64	739	0	870	508	26	0	0	534	(336)
NPV	0	56	53	297	0	406	201	11	0	0	212	(194)

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

7.82 %
 0.52

INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME Low Income -LS: BCI

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0.02 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0.02 kW
(3) kW LINE LOSS PERCENTAGE	9.53 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	172.84 kWh
(5) kWh LINE LOSS PERCENTAGE	7.43 %
(6) GROUP LINE LOSS MULTIPLIER	1.01
(7) CUSTOMER kWh INCREASE AT METER	0.00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.64555
(5) K FACTOR FOR T & D	1.65762

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	7.82 %
^ (11) UTILITY AFUDC RATE	8.93 %
^ (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	2003
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2008
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2006, 2008
(4) BASE YEAR AVOIDED GENERATING COST	483.75 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	81.92 \$/kW
(6) BASE YEAR DISTRIBUTION COST	22.38 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	0.00 %**
(8) GENERATOR FIXED O & M COST	26.41 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	4.12 %**
(10) TRANSMISSION FIXED O & M COST	2.47 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1.43 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	4.12 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0.018 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1.88 %**
(15) GENERATOR CAPACITY FACTOR	84% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3.25 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	2.54 %**

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 Low Income -LS: BCI

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)
2003	0	0	0	0	0	0	0	0	0	
2004	16	9	0	25	6	0	9	0	9	
2005	17	9	0	26	18	0	9	0	9	
2006	17	9	0	26	30	0	10	0	10	
2007	17	9	0	26	42	0	10	0	10	
2008	0	0	0	0	48	0	0	0	0	
2009	0	0	0	0	49	0	0	0	0	
2010	0	0	0	0	49	0	0	0	0	
2011	0	0	0	0	49	0	0	0	0	
2012	0	0	0	0	49	0	0	0	0	
2013	0	0	0	0	50	0	0	0	0	
2014	0	0	0	0	50	0	0	0	0	
2015	0	0	0	0	50	0	0	0	0	
2016	0	0	0	0	50	0	0	0	0	
2017	0	0	0	0	51	0	0	0	0	
2018	0	0	0	0	52	0	0	0	0	
2019	0	0	0	0	52	0	0	0	0	
2020	0	0	0	0	52	0	0	0	0	
2021	0	0	0	0	52	0	0	0	0	
2022	0	0	0	0	52	0	0	0	0	
2023	0	0	0	0	51	0	0	0	0	
2024	0	0	0	0	51	0	0	0	0	
2025	0	0	0	0	51	0	0	0	0	
2026	0	0	0	0	51	0	0	0	0	
2027	0	0	0	0	51	0	0	0	0	

NOM	67	36	0	103	1,105	0	38	0	0	38
NPV	56	30	0	86	444	0	31	0	0	31

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

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -LS: BCI

(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
BEG-YEAR	DEBT	PREFERRED STOCK	COMMON EQUITY	INCOME TAXES	PROPERTY TAX	PROPERTY INSURANCE	DEPREC	DEFERRED TAXES	TOTAL FIXED CHARGES	PRESENT WORTH FIXED CHARGES	CUMULATIVE PW FIXED CHARGES	REPLACEMENT COST BASIS FOR PROPERTY INSURANCE
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2008	55	2	0	3	2	0	2	(0)	9	9	9	55
2009	53	2	0	3	1	1	2	1	10	10	19	56
2010	50	1	0	3	1	1	2	1	10	9	28	56
2011	48	1	0	3	1	1	2	0	10	8	35	57
2012	45	1	0	3	1	1	2	0	9	7	42	58
2013	42	1	0	3	1	1	2	0	9	6	48	59
2014	40	1	0	2	1	1	2	0	9	5	54	60
2015	38	1	0	2	1	1	2	0	8	5	58	61
2016	35	1	0	2	1	1	2	0	8	4	63	62
2017	33	1	0	2	1	1	2	0	7	4	67	64
2018	31	1	0	2	1	1	2	0	7	3	70	65
2019	28	1	0	2	1	1	2	0	7	3	73	66
2020	26	1	0	2	1	1	2	0	6	3	76	67
2021	24	1	0	1	1	1	2	0	6	2	78	68
2022	21	1	0	1	1	1	2	0	6	2	80	69
2023	19	1	0	1	1	0	2	0	5	2	82	70
2024	17	0	0	1	1	0	2	0	5	2	83	71
2025	14	0	0	1	1	0	2	0	5	1	85	73
2026	12	0	0	1	0	0	2	0	4	1	86	74
2027	10	0	0	1	0	0	2	0	4	1	87	75
2028	7	0	0	0	1	0	2	(0)	4	1	87	76
2029	6	0	0	0	1	0	2	(1)	3	1	88	78
2030	4	0	0	0	1	0	2	(1)	3	1	89	79
2031	3	0	0	0	1	0	2	(1)	3	1	89	80
2032	1	0	0	0	1	0	2	(1)	3	0	90	82

IN SERVICE COST	(5000)	55
IN SERVICE YEAR		2008
BOOK LIFE (YRS)		25
EFFEC TAX RATE		38.57%
DISCOUNT RATE		7.8%
PROPERTY TAX		2.17%
PROPERTY INSURANCE		0.39%

SOURCE	WEIGHT	COST	%
DEBT	45%	6.40	%
P/S	0%	0.00	%
C/S	55%	11.00	%

K-FACTOR = CPWFC / IN-SVC COST = 1.64555

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L5. BCI

(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 DEFERRRD TAX \$(000)	ACCUMULATED BOOK DEPR FOR DEFERRED TAX \$(000)	DEFERRED TAX DUE TO DEPRECIATION \$(000)	TOTAL BQUITY 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)
2008	3.75%	2	2	2	2	2	2	(0)	4	0	0	0	(0)	(1)
2009	7.22%	4	6	2	4	2	4	1	4	0	0	0	1	(0)
2010	6.68%	4	9	2	7	2	6	1	4	0	0	0	1	0
2011	6.18%	3	13	2	9	2	8	0	4	0	0	0	0	1
2012	5.71%	3	16	2	11	2	10	0	4	0	0	0	0	1
2013	5.29%	3	18	2	13	2	12	0	4	0	0	0	0	2
2014	4.89%	3	21	2	15	2	14	0	4	0	0	0	0	2
2015	4.52%	2	23	2	17	2	16	0	4	0	0	0	0	2
2016	4.46%	2	26	2	20	2	18	0	4	0	0	0	0	2
2017	4.46%	2	28	2	22	2	20	0	4	0	0	0	0	2
2018	4.46%	2	30	2	24	2	22	0	4	0	0	0	0	2
2019	4.46%	2	33	2	26	2	24	0	4	0	0	0	0	2
2020	4.46%	2	35	2	28	2	26	0	4	0	0	0	0	3
2021	4.46%	2	37	2	31	2	28	0	4	0	0	0	0	3
2022	4.46%	2	40	2	33	2	30	0	4	0	0	0	0	3
2023	4.46%	2	42	2	35	2	32	0	4	0	0	0	0	3
2024	4.46%	2	45	2	37	2	34	0	4	0	0	0	0	3
2025	4.46%	2	47	2	39	2	36	0	4	0	0	0	0	3
2026	4.46%	2	49	2	41	2	38	0	4	0	0	0	0	3
2027	4.46%	2	52	2	44	2	40	0	4	0	0	0	0	3
2028	2.23%	1	53	2	46	2	42	(0)	4	0	0	0	(0)	3
2029	0.00%	0	53	2	48	2	44	(1)	4	0	0	0	(1)	2
2030	0.00%	0	53	2	50	2	46	(1)	4	0	0	0	(1)	2
2031	0.00%	0	53	2	52	2	48	(1)	4	0	0	0	(1)	1
2032	0.00%	0	53	2	55	2	50	(1)	4	0	0	0	(1)	0

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

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED, REV_REQ
 PROGRAM NAME Low Income -L5: BCI

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
YEAR	TAX DEPRECIATION SCHEDULE	TAX DEPRECIATION \$(000)	DEFERRED TAX \$(000)	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)
2008	3.75%	2	(0)	55	2	(1)	55	53	54
2009	7.22%	4	1	52	4	(0)	53	50	52
2010	6.68%	4	1	50	7	0	50	48	49
2011	6.18%	3	0	48	9	1	48	45	46
2012	5.71%	3	0	46	11	1	45	42	44
2013	5.29%	3	0	44	13	2	42	40	41
2014	4.89%	3	0	41	15	2	40	38	39
2015	4.52%	2	0	39	17	2	38	35	36
2016	4.46%	2	0	37	20	2	35	33	34
2017	4.46%	2	0	35	22	2	33	31	32
2018	4.46%	2	0	33	24	2	31	28	29
2019	4.46%	2	0	31	26	2	28	26	27
2020	4.46%	2	0	28	28	3	26	24	25
2021	4.46%	2	0	26	31	3	24	21	23
2022	4.46%	2	0	24	33	3	21	19	20
2023	4.46%	2	0	22	35	3	19	17	18
2024	4.46%	2	0	20	37	3	17	14	16
2025	4.46%	2	0	17	39	3	14	12	13
2026	4.46%	2	0	15	41	3	12	10	11
2027	4.46%	2	0	13	44	3	10	7	9
2028	2.23%	1	(0)	11	46	3	7	6	7
2029	0.00%	0	(1)	9	48	2	6	4	5
2030	0.00%	0	(1)	7	50	2	4	3	4
2031	0.00%	0	(1)	4	52	1	3	1	2
2032	0.00%	0	(1)	2	55	0	1	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)
2003	-5	0.00%	1.000	0.00%	0.00	0.00
2004	-4	0.00%	1.000	1.00%	4.84	2.42
2005	-3	1.70%	1.017	18.00%	88.56	49.12
2006	-2	1.70%	1.034	48.00%	240.16	213.47
2007	-1	1.70%	1.052	33.00%	167.92	417.51

100.00% 501.47

(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)
2003	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	-4	2.42	0.07	0.07	0.22	0.15	0.15	(0.03)	(0.03)	5.05	5.05
2005	-3	49.33	1.42	1.49	4.41	3.15	3.31	(0.67)	(0.70)	92.96	98.02
2006	-2	218.10	6.30	7.79	19.54	13.87	17.18	(2.92)	(3.62)	259.70	357.72
2007	-1	441.68	12.82	20.62	39.77	27.82	45.00	(5.78)	(9.41)	207.68	565.40

20.62

63.93

45.00

(9.41)

565.40

IN SERVICE YEAR	2008
PLANT COSTS	483.75
AFUDC RATE	8.93%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	48	48	48
EQUITY AFUDC	4		
DEBT AFUDC	2	2	
CPI			4
TOTAL	55	50	53

* Column not specified in workbook

INPUT DATA -- PART 2
PROGRAM METHOD SELECTED . REV_REQ
PROGRAM NAME Low Income -LS: BCI

(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
2003	0	0	4.70	4.70	7.15	0.00	1.00	1.00
2004	1,000	1,000	4.07	4.07	6.85	0.00	1.00	1.00
2005	2,000	2,000	3.73	3.73	5.62	0.00	1.00	1.00
2006	3,000	3,000	3.67	3.67	6.36	0.00	1.00	1.00
2007	4,000	4,000	3.78	3.78	6.39	0.00	1.00	1.00
2008	4,000	4,000	3.76	3.76	6.39	3.82	1.00	1.00
2009	4,000	4,000	3.63	3.63	5.04	3.87	1.00	1.00
2010	4,000	4,000	3.61	3.61	4.88	3.92	1.00	1.00
2011	4,000	4,000	3.55	3.55	4.79	4.00	1.00	1.00
2012	4,000	4,000	3.61	3.61	4.98	4.07	1.00	1.00
2013	4,000	4,000	3.77	3.77	5.23	4.26	1.00	1.00
2014	4,000	4,000	3.86	3.86	5.32	4.42	1.00	1.00
2015	4,000	4,000	4.03	4.03	5.65	4.61	1.00	1.00
2016	4,000	4,000	4.17	4.17	5.67	4.84	1.00	1.00
2017	4,000	4,000	4.30	4.30	5.85	5.09	1.00	1.00
2018	4,000	4,000	4.49	4.49	6.35	5.35	1.00	1.00
2019	4,000	4,000	4.67	4.67	6.69	5.60	1.00	1.00
2020	4,000	4,000	4.87	4.87	6.99	5.89	1.00	1.00
2021	4,000	4,000	5.10	5.10	7.29	6.28	1.00	1.00
2022	4,000	4,000	5.15	5.15	7.36	6.67	1.00	1.00
2023	4,000	4,000	5.20	5.20	7.43	7.12	1.00	1.00
2024	4,000	4,000	5.26	5.26	7.51	7.19	1.00	1.00
2025	4,000	4,000	5.31	5.31	7.58	7.26	1.00	1.00
2026	4,000	4,000	5.36	5.36	7.66	7.34	1.00	1.00
2027	4,000	4,000	5.42	5.42	7.74	7.41	1.00	1.00

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

AVOIDED GENERATING BENEFITS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -LS: BCI

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)
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	9	3	0	23	27	9
2009	10	3	0	23	27	10
2010	10	3	0	23	27	10
2011	10	4	0	24	27	10
2012	9	4	0	24	28	10
2013	9	4	0	25	29	9
2014	9	4	0	26	30	9
2015	8	4	0	27	31	8
2016	8	4	0	27	33	7
2017	7	5	0	29	35	6
2018	7	5	0	30	37	5
2019	7	5	0	31	38	5
2020	6	5	0	32	41	3
2021	6	6	0	33	43	2
2022	6	6	0	35	47	(0)
2023	5	6	0	36	50	(3)
2024	5	6	0	37	51	(2)
2025	5	7	0	39	52	(2)
2026	4	7	0	41	53	(1)
2027	4	7	0	42	54	(1)

NOM	146	97	4	607	761	93
NPV	59	32	1	206	252	47

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -LS: BCI

(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)
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	4	0
2005	0	0	0	0	0	0	10	0
2006	1	0	1	0	0	0	16	0
2007	1	0	1	0	0	0	23	0
2008	1	0	2	0	0	0	26	0
2009	1	0	2	0	0	0	25	0
2010	1	0	2	0	0	0	25	0
2011	1	0	2	0	0	0	25	0
2012	1	0	2	0	0	0	25	0
2013	1	0	2	0	0	0	26	0
2014	1	0	2	0	0	0	27	0
2015	1	0	2	0	0	0	28	0
2016	1	0	1	0	0	0	29	0
2017	1	0	1	0	0	0	30	0
2018	1	0	1	0	0	0	31	0
2019	1	0	1	0	0	0	32	0
2020	1	0	1	0	0	0	34	0
2021	1	1	1	0	0	0	35	0
2022	1	1	1	0	0	0	36	0
2023	1	1	1	0	0	0	36	0
2024	1	1	1	0	0	0	36	0
2025	1	1	1	0	0	0	37	0
2026	1	1	1	0	0	0	37	0
2027	1	1	1	0	0	0	37	0

NOM	22	10	32	4	4	9	668	0
NPV	10	3	13	2	1	3	254	0

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

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L5: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	9	0	25	0	0	4	0	4	(22)	(20)
2005	0	17	9	0	26	0	1	10	0	10	(16)	(34)
2006	0	17	10	0	27	0	1	16	0	17	(10)	(42)
2007	0	17	10	0	27	0	2	23	0	24	(3)	(44)
2008	0	0	0	0	0	9	2	26	0	37	37	(18)
2009	0	0	0	0	0	10	2	25	0	37	37	5
2010	0	0	0	0	0	10	2	25	0	37	37	27
2011	0	0	0	0	0	10	2	25	0	37	37	47
2012	0	0	0	0	0	10	2	25	0	37	37	66
2013	0	0	0	0	0	9	2	26	0	37	37	83
2014	0	0	0	0	0	9	2	27	0	37	37	100
2015	0	0	0	0	0	8	2	28	0	38	38	115
2016	0	0	0	0	0	7	2	29	0	38	38	129
2017	0	0	0	0	0	6	2	30	0	38	38	142
2018	0	0	0	0	0	5	2	31	0	38	38	155
2019	0	0	0	0	0	5	2	32	0	39	39	166
2020	0	0	0	0	0	3	2	34	0	39	39	177
2021	0	0	0	0	0	2	2	35	0	39	39	187
2022	0	0	0	0	0	(0)	2	36	0	37	37	196
2023	0	0	0	0	0	(3)	2	36	0	35	35	204
2024	0	0	0	0	0	(2)	2	36	0	36	36	211
2025	0	0	0	0	0	(2)	2	37	0	37	37	218
2026	0	0	0	0	0	(1)	2	37	0	37	37	225
2027	0	0	0	0	0	(1)	2	37	0	38	38	231

NOM	0	67	38	0	105	93	40	668	0	802	697
NPV	0	56	31	0	87	47	17	254	0	318	231

Discount Rate: 7.82 %
 Benefit/Cost Ratio (Col(11) / Col(6)) : 3.04

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L5: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0
2004	6	0	9	0	15	9	0	0	9	6	6
2005	18	0	9	0	27	9	0	0	9	18	21
2006	30	0	9	0	39	10	0	0	10	30	44
2007	42	0	9	0	51	10	0	0	10	41	75
2008	48	0	0	0	48	0	0	0	0	48	108
2009	49	0	0	0	49	0	0	0	0	49	139
2010	49	0	0	0	49	0	0	0	0	49	168
2011	49	0	0	0	49	0	0	0	0	49	194
2012	49	0	0	0	49	0	0	0	0	49	219
2013	50	0	0	0	50	0	0	0	0	50	243
2014	50	0	0	0	50	0	0	0	0	50	265
2015	50	0	0	0	50	0	0	0	0	50	285
2016	50	0	0	0	50	0	0	0	0	50	304
2017	51	0	0	0	51	0	0	0	0	51	321
2018	52	0	0	0	52	0	0	0	0	52	338
2019	52	0	0	0	52	0	0	0	0	52	354
2020	52	0	0	0	52	0	0	0	0	52	368
2021	52	0	0	0	52	0	0	0	0	52	381
2022	52	0	0	0	52	0	0	0	0	52	394
2023	51	0	0	0	51	0	0	0	0	51	405
2024	51	0	0	0	51	0	0	0	0	51	416
2025	51	0	0	0	51	0	0	0	0	51	425
2026	51	0	0	0	51	0	0	0	0	51	434
2027	51	0	0	0	51	0	0	0	0	51	443

NOM	1,105	0	36	0	1,141	38	0	0	38	1,103
NPV	444	0	30	0	474	31	0	0	31	443

In Service of Gen Unit

Discount Rate :

2008
7.82 %

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

15.08

RATE IMPACT TEST
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME Low Income -LS: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	9	6	0	31	4	0	0	0	4	(28)	(26)
2005	0	17	9	18	0	44	10	1	0	0	10	(34)	(55)
2006	0	17	9	30	0	56	16	1	0	0	17	(39)	(86)
2007	0	17	9	42	0	68	23	2	0	0	24	(44)	(118)
2008	0	0	0	48	0	48	35	2	0	0	37	(12)	(126)
2009	0	0	0	49	0	49	35	2	0	0	37	(11)	(133)
2010	0	0	0	49	0	49	35	2	0	0	37	(12)	(140)
2011	0	0	0	49	0	49	34	2	0	0	37	(12)	(147)
2012	0	0	0	49	0	49	35	2	0	0	37	(13)	(153)
2013	0	0	0	50	0	50	35	2	0	0	37	(13)	(159)
2014	0	0	0	50	0	50	35	2	0	0	37	(12)	(165)
2015	0	0	0	50	0	50	36	2	0	0	38	(12)	(170)
2016	0	0	0	50	0	50	36	2	0	0	38	(13)	(175)
2017	0	0	0	51	0	51	36	2	0	0	38	(13)	(179)
2018	0	0	0	52	0	52	36	2	0	0	38	(14)	(184)
2019	0	0	0	52	0	52	37	2	0	0	39	(13)	(187)
2020	0	0	0	52	0	52	37	2	0	0	39	(13)	(191)
2021	0	0	0	52	0	52	37	2	0	0	39	(13)	(194)
2022	0	0	0	52	0	52	35	2	0	0	37	(14)	(198)
2023	0	0	0	51	0	51	33	2	0	0	35	(16)	(201)
2024	0	0	0	51	0	51	34	2	0	0	36	(16)	(205)
2025	0	0	0	51	0	51	35	2	0	0	37	(15)	(207)
2026	0	0	0	51	0	51	36	2	0	0	37	(14)	(210)
2027	0	0	0	51	0	51	37	2	0	0	38	(13)	(212)

NOM	0	67	36	1,105	0	1,209	762	40	0	0	802	(407)
NPV	0	56	30	444	0	530	302	17	0	0	318	(212)

Discount Rate 7.82 %
Benefit/Cost Ratio (Col(12) / Col(7)) : 0.60

INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME Low Income -L6: BCI

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0 01 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0 01 kW
(3) kW LINE LOSS PERCENTAGE	9 53 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	66 98 kWh
(5) kWh LINE LOSS PERCENTAGE	7 43 %
(6) GROUP LINE LOSS MULTIPLIER	1 00
(7) CUSTOMER kWh INCREASE AT METER	0 00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1.64555
(5) K FACTOR FOR T & D	1 65762

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 82 %
^ (11) UTILITY AFUDC RATE	8 93 %
^ (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	2003
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2008
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2006 2008
(4) BASE YEAR AVOIDED GENERATING COST	483 75 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	81 92 \$/kW
(6) BASE YEAR DISTRIBUTION COST	22 38 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	0 00 %**
(8) GENERATOR FIXED O & M COST	26 41 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	4 12 %**
(10) TRANSMISSION FIXED O & M COST	2 47 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1 43 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	4 12 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0 018 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1 88 %**
(15) GENERATOR CAPACITY FACTOR	84% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3 25 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	2 54 %**

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 Low Income -L6: BCI

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)
2003	0	0	0	0	0	0	0	0	0	
2004	16	6	0	22	2	0	6	0	6	
2005	17	6	0	23	7	0	6	0	6	
2006	17	6	0	23	12	0	6	0	6	
2007	17	6	0	23	16	0	7	0	7	
2008	0	0	0	0	16	0	0	0	0	
2009	0	0	0	0	16	0	0	0	0	
2010	0	0	0	0	16	0	0	0	0	
2011	0	0	0	0	17	0	0	0	0	
2012	0	0	0	0	17	0	0	0	0	
2013	0	0	0	0	17	0	0	0	0	
2014	0	0	0	0	17	0	0	0	0	
2015	0	0	0	0	17	0	0	0	0	
2016	0	0	0	0	17	0	0	0	0	
2017	0	0	0	0	17	0	0	0	0	
2018	0	0	0	0	18	0	0	0	0	
2019	0	0	0	0	18	0	0	0	0	
2020	0	0	0	0	18	0	0	0	0	
2021	0	0	0	0	17	0	0	0	0	
2022	0	0	0	0	17	0	0	0	0	
2023	0	0	0	0	17	0	0	0	0	
2024	0	0	0	0	17	0	0	0	0	
2025	0	0	0	0	17	0	0	0	0	
2026	0	0	0	0	17	0	0	0	0	
2027	0	0	0	0	17	0	0	0	0	

NOM	67	24	0	91	379	0	25	0	0	25
NPV	56	20	0	76	154	0	21	0	0	21

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

CALCULATION OF GEN K-FACTOR
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAMNAME Low Income -L6: BCI

(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)
2008	17	0	0	1	1	0	1	(0)	3	3	3	17
2009	16	0	0	1	0	0	1	0	3	3	6	17
2010	15	0	0	1	0	0	1	0	3	3	8	17
2011	15	0	0	1	0	0	1	0	3	2	11	17
2012	14	0	0	1	0	0	1	0	3	2	13	18
2013	13	0	0	1	0	0	1	0	3	2	15	18
2014	12	0	0	1	0	0	1	0	3	2	16	18
2015	11	0	0	1	0	0	1	0	2	1	18	19
2016	11	0	0	1	0	0	1	0	2	1	19	19
2017	10	0	0	1	0	0	1	0	2	1	20	19
2018	9	0	0	1	0	0	1	0	2	1	21	20
2019	9	0	0	1	0	0	1	0	2	1	22	20
2020	8	0	0	0	0	0	1	0	2	1	23	20
2021	7	0	0	0	0	0	1	0	2	1	24	21
2022	7	0	0	0	0	0	1	0	2	1	24	21
2023	6	0	0	0	0	0	1	0	2	1	25	21
2024	5	0	0	0	0	0	1	0	2	0	25	22
2025	4	0	0	0	0	0	1	0	1	0	26	22
2026	4	0	0	0	0	0	1	0	1	0	26	23
2027	3	0	0	0	0	0	1	0	1	0	26	23
2028	2	0	0	0	0	0	1	(0)	1	0	27	23
2029	2	0	0	0	0	0	1	(0)	1	0	27	24
2030	1	0	0	0	0	0	1	(0)	1	0	27	24
2031	1	0	0	0	0	0	1	(0)	1	0	27	24
2032	0	0	0	0	0	0	1	(0)	1	0	27	25

IN SERVICE COST (\$000)	17
IN SERVICE YEAR	2008
BOOK LIFE (YRS)	25
EFFEC TAX RATE	38.57%
DISCOUNT RATE	7.8%
PROPERTY TAX	2.17%
PROPERTY INSURANCE	0.39%

SOURCE	WEIGHT	COST
DEBT	45%	6.40%
P/S	0%	0.00%
C/S	55%	11.00%

K-FACTOR = CPWFC / IN-SVC COST = 1.64555

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L6: BC1

(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 DUB 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)
2008	3.75%	1	1	1	1	1	1	(0)	1	0	0	(0)	(0)	
2009	7.22%	1	2	1	1	1	1	0	1	0	0	0	(0)	
2010	6.68%	1	3	1	2	1	2	0	1	0	0	0	0	
2011	6.18%	1	4	1	3	1	2	0	1	0	0	0	0	
2012	5.71%	1	5	1	3	1	3	0	1	0	0	0	0	
2013	5.29%	1	6	1	4	1	4	0	1	0	0	0	0	
2014	4.89%	1	6	1	5	1	4	0	1	0	0	0	1	
2015	4.52%	1	7	1	5	1	5	0	1	0	0	0	1	
2016	4.46%	1	8	1	6	1	6	0	1	0	0	0	1	
2017	4.46%	1	9	1	7	1	6	0	1	0	0	0	1	
2018	4.46%	1	9	1	7	1	7	0	1	0	0	0	1	
2019	4.46%	1	10	1	8	1	7	0	1	0	0	0	1	
2020	4.46%	1	11	1	9	1	8	0	1	0	0	0	1	
2021	4.46%	1	11	1	9	1	9	0	1	0	0	0	1	
2022	4.46%	1	12	1	10	1	9	0	1	0	0	0	1	
2023	4.46%	1	13	1	11	1	10	0	1	0	0	0	1	
2024	4.46%	1	14	1	11	1	10	0	1	0	0	0	1	
2025	4.46%	1	14	1	12	1	11	0	1	0	0	0	1	
2026	4.46%	1	15	1	13	1	12	0	1	0	0	0	1	
2027	4.46%	1	16	1	13	1	12	0	1	0	0	0	1	
2028	2.23%	0	16	1	14	1	13	(0)	1	0	0	(0)	1	
2029	0.00%	0	16	1	15	1	14	(0)	1	0	0	(0)	1	
2030	0.00%	0	16	1	15	1	14	(0)	1	0	0	(0)	0	
2031	0.00%	0	16	1	16	1	15	(0)	1	0	0	(0)	0	
2032	0.00%	0	16	1	17	1	15	(0)	1	0	0	(0)	0	

SALVAGE / REMOVAL COST	0.00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(0)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	1
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L6: BCI

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE \$(000)	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXBS \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2008	3.75%	1	(0)	17	1	(0)	17	16	17
2009	7.22%	1	0	16	1	(0)	16	15	16
2010	6.68%	1	0	15	2	0	15	15	15
2011	6.18%	1	0	15	3	0	15	14	14
2012	5.71%	1	0	14	3	0	14	13	13
2013	5.29%	1	0	13	4	0	13	12	13
2014	4.89%	1	0	13	5	1	12	11	12
2015	4.52%	1	0	12	5	1	11	11	11
2016	4.46%	1	0	11	6	1	11	10	10
2017	4.46%	1	0	11	7	1	10	9	10
2018	4.46%	1	0	10	7	1	9	9	9
2019	4.46%	1	0	9	8	1	9	8	8
2020	4.46%	1	0	9	9	1	8	7	8
2021	4.46%	1	0	8	9	1	7	7	7
2022	4.46%	1	0	7	10	1	7	6	6
2023	4.46%	1	0	7	11	1	6	5	5
2024	4.46%	1	0	6	11	1	5	4	5
2025	4.46%	1	0	5	12	1	4	4	4
2026	4.46%	1	0	5	13	1	4	3	3
2027	4.46%	1	0	4	13	1	3	2	3
2028	2.23%	0	(0)	3	14	1	2	2	2
2029	0.00%	0	(0)	3	15	1	2	1	1
2030	0.00%	0	(0)	2	15	0	1	1	1
2031	0.00%	0	(0)	1	16	0	1	0	1
2032	0.00%	0	(0)	1	17	0	0	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)
2003	-5	0.00%	1.000	0.00%	0.00	0.00
2004	-4	0.00%	1.000	1.00%	4.84	2.42
2005	-3	1.70%	1.017	18.00%	88.56	49.12
2006	-2	1.70%	1.034	48.00%	240.16	213.47
2007	-1	1.70%	1.052	33.00%	167.92	417.51

100.00% 501.47

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)
2003	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	-4	2.42	0.07	0.07	0.22	0.22	0.15	0.15	(0.03)	(0.03)	5.05	5.05
2005	-3	49.33	1.42	1.49	4.41	4.62	3.15	3.31	(0.67)	(0.70)	92.96	98.02
2006	-2	218.10	6.30	7.79	19.54	24.16	13.87	17.18	(2.92)	(3.62)	259.70	357.72
2007	-1	441.68	12.82	20.62	39.77	63.93	27.82	45.00	(5.78)	(9.41)	207.68	565.40

20.62

63.93

45.00

(9.41)

565.40

IN SERVICE YEAR	2008
PLANT COSTS	483.75
AFUDC RATE	8.93%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	15	15	15
EQUITY AFUDC	1		
DEBT AFUDC	1	1	
CPI			1
TOTAL	17	15	16

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED , REV_REQ
 PROGRAM NAME Low Income -L6: BCI

(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
2003	0	0	4.70	4.70	7.15	0.00	1.00	1.00
2004	1,000	1,000	4.07	4.07	6.85	0.00	1.00	1.00
2005	2,000	2,000	3.73	3.73	5.62	0.00	1.00	1.00
2006	3,000	3,000	3.67	3.67	6.36	0.00	1.00	1.00
2007	4,000	4,000	3.78	3.78	6.39	0.00	1.00	1.00
2008	4,000	4,000	3.76	3.76	6.39	3.82	1.00	1.00
2009	4,000	4,000	3.63	3.63	5.04	3.87	1.00	1.00
2010	4,000	4,000	3.61	3.61	4.88	3.92	1.00	1.00
2011	4,000	4,000	3.55	3.55	4.79	4.00	1.00	1.00
2012	4,000	4,000	3.61	3.61	4.98	4.07	1.00	1.00
2013	4,000	4,000	3.77	3.77	5.23	4.26	1.00	1.00
2014	4,000	4,000	3.86	3.86	5.32	4.42	1.00	1.00
2015	4,000	4,000	4.03	4.03	5.65	4.61	1.00	1.00
2016	4,000	4,000	4.17	4.17	5.67	4.84	1.00	1.00
2017	4,000	4,000	4.30	4.30	5.85	5.09	1.00	1.00
2018	4,000	4,000	4.49	4.49	6.35	5.35	1.00	1.00
2019	4,000	4,000	4.67	4.67	6.69	5.60	1.00	1.00
2020	4,000	4,000	4.87	4.87	6.99	5.89	1.00	1.00
2021	4,000	4,000	5.10	5.10	7.29	6.28	1.00	1.00
2022	4,000	4,000	5.15	5.15	7.36	6.67	1.00	1.00
2023	4,000	4,000	5.20	5.20	7.43	7.12	1.00	1.00
2024	4,000	4,000	5.26	5.26	7.51	7.19	1.00	1.00
2025	4,000	4,000	5.31	5.31	7.58	7.26	1.00	1.00
2026	4,000	4,000	5.36	5.36	7.66	7.34	1.00	1.00
2027	4,000	4,000	5.42	5.42	7.74	7.41	1.00	1.00

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

AVOIDED GENERATING BENEFITS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L6- BCI

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)
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	3	1	0	7	8	3
2009	3	1	0	7	8	3
2010	3	1	0	7	8	3
2011	3	1	0	7	8	3
2012	3	1	0	7	8	3
2013	3	1	0	8	9	3
2014	3	1	0	8	9	3
2015	2	1	0	8	10	2
2016	2	1	0	8	10	2
2017	2	1	0	9	11	2
2018	2	1	0	9	11	2
2019	2	2	0	9	12	1
2020	2	2	0	10	12	1
2021	2	2	0	10	13	0
2022	2	2	0	11	14	(0)
2023	2	2	0	11	15	(1)
2024	2	2	0	11	16	(1)
2025	1	2	0	12	16	(1)
2026	1	2	0	12	16	(0)
2027	1	2	0	13	17	(0)

NOM	44	30	1	185	232	28
NPV	18	10	0	63	77	14

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME Low Income -L6; BCI

(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)
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	1	0
2005	0	0	0	0	0	0	4	0
2006	0	0	0	0	0	0	6	0
2007	0	0	0	0	0	0	9	0
2008	0	0	1	0	0	0	10	0
2009	0	0	1	0	0	0	10	0
2010	0	0	1	0	0	0	10	0
2011	0	0	0	0	0	0	10	0
2012	0	0	0	0	0	0	10	0
2013	0	0	0	0	0	0	10	0
2014	0	0	0	0	0	0	10	0
2015	0	0	0	0	0	0	11	0
2016	0	0	0	0	0	0	11	0
2017	0	0	0	0	0	0	12	0
2018	0	0	0	0	0	0	12	0
2019	0	0	0	0	0	0	13	0
2020	0	0	0	0	0	0	13	0
2021	0	0	0	0	0	0	14	0
2022	0	0	0	0	0	0	14	0
2023	0	0	0	0	0	0	14	0
2024	0	0	0	0	0	0	14	0
2025	0	0	0	0	0	0	14	0
2026	0	0	0	0	0	0	14	0
2027	0	0	0	0	0	0	15	0

NOM	7	3	10	1	1	3	259	0
NPV	3	1	4	1	0	1	98	0

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

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L6: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	6	0	22	0	0	1	0	1	(21)	(20)
2005	0	17	6	0	23	0	0	4	0	4	(19)	(36)
2006	0	17	6	0	23	0	0	6	0	6	(17)	(49)
2007	0	17	7	0	24	0	0	9	0	9	(15)	(60)
2008	0	0	0	0	0	3	1	10	0	13	13	(51)
2009	0	0	0	0	0	3	1	10	0	13	13	(42)
2010	0	0	0	0	0	3	1	10	0	13	13	(35)
2011	0	0	0	0	0	3	1	10	0	13	13	(27)
2012	0	0	0	0	0	3	1	10	0	13	13	(21)
2013	0	0	0	0	0	3	1	10	0	13	13	(14)
2014	0	0	0	0	0	2	1	10	0	14	14	(8)
2015	0	0	0	0	0	2	1	11	0	14	14	(3)
2016	0	0	0	0	0	2	1	11	0	14	14	2
2017	0	0	0	0	0	2	1	12	0	14	14	7
2018	0	0	0	0	0	2	1	12	0	14	14	12
2019	0	0	0	0	0	1	1	13	0	14	14	16
2020	0	0	0	0	0	1	1	13	0	15	15	20
2021	0	0	0	0	0	0	1	14	0	15	15	24
2022	0	0	0	0	0	(0)	1	14	0	14	14	28
2023	0	0	0	0	0	(1)	1	14	0	14	14	31
2024	0	0	0	0	0	(1)	1	14	0	14	14	33
2025	0	0	0	0	0	(1)	1	14	0	14	14	36
2026	0	0	0	0	0	(0)	0	14	0	14	14	39
2027	0	0	0	0	0	(0)	0	15	0	15	15	41

NOM	0	67	25	0	93	28	12	259	0	300	207
NPV	0	56	21	0	77	14	5	98	0	118	41

Discount Rate: 7.82 %
 Benefit/Cost Ratio (Col(11) / Col(6)) = 1.54

PARTICIPANT COSTS AND BENEFITS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME: Low Income -L6: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0
2004	2	0	6	0	8	6	0	0	6	2	2
2005	7	0	6	0	13	6	0	0	6	7	8
2006	12	0	6	0	18	6	0	0	6	11	17
2007	16	0	6	0	22	7	0	0	7	16	29
2008	16	0	0	0	16	0	0	0	0	16	40
2009	16	0	0	0	16	0	0	0	0	16	50
2010	16	0	0	0	16	0	0	0	0	16	60
2011	17	0	0	0	17	0	0	0	0	17	69
2012	17	0	0	0	17	0	0	0	0	17	78
2013	17	0	0	0	17	0	0	0	0	17	86
2014	17	0	0	0	17	0	0	0	0	17	93
2015	17	0	0	0	17	0	0	0	0	17	100
2016	17	0	0	0	17	0	0	0	0	17	106
2017	17	0	0	0	17	0	0	0	0	17	112
2018	18	0	0	0	18	0	0	0	0	18	118
2019	18	0	0	0	18	0	0	0	0	18	123
2020	18	0	0	0	18	0	0	0	0	18	128
2021	17	0	0	0	17	0	0	0	0	17	133
2022	17	0	0	0	17	0	0	0	0	17	137
2023	17	0	0	0	17	0	0	0	0	17	141
2024	17	0	0	0	17	0	0	0	0	17	144
2025	17	0	0	0	17	0	0	0	0	17	147
2026	17	0	0	0	17	0	0	0	0	17	151
2027	17	0	0	0	17	0	0	0	0	17	153

NOM	379	0	24	0	403	25	0	0	25	378
NPV	154	0	20	0	174	21	0	0	21	153

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

2008
 7.82 %
 8.32

RATE IMPACT TEST
 PROGRAM METHOD SELECTED REV_RBQ
 PROGRAM NAME: Low Income -L6: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	16	6	2	0	25	1	0	0	0	1	(23)	(22)
2005	0	17	6	7	0	30	4	0	0	0	4	(26)	(44)
2006	0	17	6	12	0	35	6	0	0	0	6	(28)	(66)
2007	0	17	6	16	0	40	9	0	0	0	9	(30)	(89)
2008	0	0	0	16	0	16	13	1	0	0	13	(3)	(91)
2009	0	0	0	16	0	16	13	1	0	0	13	(3)	(93)
2010	0	0	0	16	0	16	13	1	0	0	13	(3)	(95)
2011	0	0	0	17	0	17	13	1	0	0	13	(3)	(96)
2012	0	0	0	17	0	17	13	1	0	0	13	(3)	(98)
2013	0	0	0	17	0	17	13	1	0	0	13	(3)	(100)
2014	0	0	0	17	0	17	13	1	0	0	14	(3)	(101)
2015	0	0	0	17	0	17	13	1	0	0	14	(3)	(103)
2016	0	0	0	17	0	17	13	1	0	0	14	(3)	(104)
2017	0	0	0	17	0	17	13	1	0	0	14	(3)	(105)
2018	0	0	0	18	0	18	14	1	0	0	14	(3)	(106)
2019	0	0	0	18	0	18	14	1	0	0	14	(3)	(107)
2020	0	0	0	18	0	18	14	1	0	0	15	(3)	(108)
2021	0	0	0	17	0	17	14	1	0	0	15	(3)	(108)
2022	0	0	0	17	0	17	14	1	0	0	14	(3)	(109)
2023	0	0	0	17	0	17	13	1	0	0	14	(4)	(110)
2024	0	0	0	17	0	17	13	1	0	0	14	(3)	(111)
2025	0	0	0	17	0	17	14	1	0	0	14	(3)	(111)
2026	0	0	0	17	0	17	14	0	0	0	14	(3)	(112)
2027	0	0	0	17	0	17	14	0	0	0	15	(3)	(112)

NOM	0	67	24	379	0	471	287	12	0	0	300	(171)
NPV	0	56	20	154	0	230	113	5	0	0	118	(112)

Discount Rate 7.82 %
 Benefit/Cost Ratio (Col(12) / Col(7)) : 0.51

INPUT DATA -- PART 1 CONTINUED
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME Low Income -L7: BCI

I. PROGRAM DEMAND SAVINGS & LINE LOSSES

(1) CUSTOMER kW REDUCTION AT METER	0 03 kW
(2) GENERATOR kW REDUCTION PER CUSTOMER	0 05 kW
(3) kW LINE LOSS PERCENTAGE	9 53 %
(4) GENERATOR kWh REDUCTION PER CUSTOMER	210 65 kWh
(5) kWh LINE LOSS PERCENTAGE	7 43 %
(6) GROUP LINE LOSS MULTIPLIER	1 00
(7) CUSTOMER kWh INCREASE AT METER	0 00 kWh

II. ECONOMIC LIFE & K FACTORS

(1) STUDY PERIOD FOR THE CONSERVATION PROGRAM	25 YEARS
(2) GENERATOR ECONOMIC LIFE	25 YEARS
(3) T&D ECONOMIC LIFE	35 YEARS
(4) K FACTOR FOR GENERATION	1 64555
(5) K FACTOR FOR T & D	1 65762

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 82 %
* (11) UTILITY AFUDC RATE	8 93 %
* (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	2003
(2) IN-SERVICE YEAR FOR AVOIDED GENERATING UNIT	2008
(3) IN-SERVICE YEAR FOR AVOIDED T&D	2006 2009
(4) BASE YEAR AVOIDED GENERATING COST	483 75 \$/kW
(5) BASE YEAR AVOIDED TRANSMISSION COST	81 92 \$/kW
(6) BASE YEAR DISTRIBUTION COST	22 38 \$/kW
(7) GEN, TRAN & DIST COST ESCALATION RATE	0 00 %**
(8) GENERATOR FIXED O & M COST	26 41 \$/kW/YR
(9) GENERATOR FIXED O&M ESCALATION RATE	4 12 %**
(10) TRANSMISSION FIXED O & M COST	2 47 \$/kW
(11) DISTRIBUTION FIXED O & M COST	1 43 \$/kW
(12) T&D FIXED O&M ESCALATION RATE	4 12 %**
(13) AVOIDED GEN UNIT VARIABLE O & M COSTS	0 018 CENTS/kWh
(14) GENERATOR VARIABLE O&M COST ESCALATION RATE	1 88 %**
(15) GENERATOR CAPACITY FACTOR	84% ** (In-service year)
(16) AVOIDED GENERATING UNIT FUEL COST	3 25 CENTS PER kWh** (In-service year)
(17) AVOIDED GEN UNIT FUEL COST ESCALATION RATE	2 54 %**

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 Low Income -L7: BCI

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)
2003	0	0	0	0	0	0	0	0	0	
2004	50	150	0	200	7	0	153	0	153	
2005	51	150	0	201	22	0	156	0	156	
2006	52	150	0	202	37	0	159	0	159	
2007	53	150	0	203	51	0	163	0	163	
2008	0	0	0	0	59	0	0	0	0	
2009	0	0	0	0	59	0	0	0	0	
2010	0	0	0	0	59	0	0	0	0	
2011	0	0	0	0	59	0	0	0	0	
2012	0	0	0	0	60	0	0	0	0	
2013	0	0	0	0	61	0	0	0	0	
2014	0	0	0	0	61	0	0	0	0	
2015	0	0	0	0	61	0	0	0	0	
2016	0	0	0	0	61	0	0	0	0	
2017	0	0	0	0	62	0	0	0	0	
2018	0	0	0	0	63	0	0	0	0	
2019	0	0	0	0	63	0	0	0	0	
2020	0	0	0	0	63	0	0	0	0	
2021	0	0	0	0	63	0	0	0	0	
2022	0	0	0	0	63	0	0	0	0	
2023	0	0	0	0	63	0	0	0	0	
2024	0	0	0	0	63	0	0	0	0	
2025	0	0	0	0	62	0	0	0	0	
2026	0	0	0	0	62	0	0	0	0	
2027	0	0	0	0	62	0	0	0	0	

NOM	206	600	0	806	1,347	0	632	0	0	632
NPV	171	499	0	670	542	0	524	0	0	524

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

CALCULATION OF GEN K-FACTOR
PROGRAM METHOD SELECTED REV_REQ
PROGRAM NAME: Low Income -L7: BCI

(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	FIXED	CHARGES	FOR
									\$ (000)	\$ (000)	\$ (000)	PROPERTY INSURANCE
												\$ (000)
2008	105	3	0	6	4	0	4	(0)	18	18	18	104
2009	101	3	0	6	3	2	4	1	20	18	36	105
2010	96	3	0	6	3	2	4	1	19	16	53	107
2011	91	3	0	5	3	2	4	1	18	15	67	109
2012	86	2	0	5	3	2	4	1	18	13	80	111
2013	81	2	0	5	3	2	4	1	17	12	92	113
2014	76	2	0	5	3	2	4	0	16	10	102	115
2015	71	2	0	4	3	2	4	0	16	9	111	117
2016	67	2	0	4	2	2	4	0	15	8	119	119
2017	63	2	0	4	2	1	4	0	14	7	126	121
2018	58	2	0	4	2	1	4	0	14	6	133	123
2019	54	2	0	3	2	1	4	0	13	6	139	125
2020	49	1	0	3	2	1	4	0	12	5	144	127
2021	45	1	0	3	2	1	4	0	12	4	148	129
2022	41	1	0	2	1	1	4	0	11	4	152	131
2023	36	1	0	2	1	1	4	0	10	3	155	134
2024	32	1	0	2	1	1	4	0	10	3	158	136
2025	27	1	0	2	1	1	4	0	9	3	161	138
2026	23	1	0	1	1	1	4	0	8	2	163	140
2027	19	1	0	1	1	1	4	0	8	2	165	143
2028	14	0	0	1	1	0	4	(1)	7	2	166	145
2029	11	0	0	1	2	0	4	(1)	7	1	168	148
2030	8	0	0	0	2	0	4	(1)	6	1	169	150
2031	5	0	0	0	2	0	4	(1)	6	1	170	153
2032	3	0	0	0	2	0	4	(1)	5	1	171	155

IN SERVICE COST (\$000)	104
IN SERVICE YEAR	2008
BOOK LIFE (YRS)	25
EFFEC TAX RATE	38.575
DISCOUNT RATE	7.8%
PROPERTY TAX	2.17%
PROPERTY INSURANCE	0.39%

CAPITAL STRUCTURE

SOURCE	WEIGHT	COST
DEBT	45%	6.40%
P/S	0%	0.00%
C/S	55%	11.00%

K-FACTOR = CPWFC / IN-SVC COST = 1.64555

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income-L7: BCI

(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)
2008	3.75%	4	4	4	4	4	4	(0)	8	0	0	0	(0)	(2)
2009	7.22%	7	11	4	8	4	8	1	8	0	0	0	1	(0)
2010	6.68%	7	18	4	12	4	11	1	8	0	0	0	1	1
2011	6.18%	6	24	4	17	4	15	1	8	0	0	0	1	2
2012	5.71%	6	30	4	21	4	19	1	8	0	0	0	1	2
2013	5.29%	5	35	4	25	4	23	1	8	0	0	0	1	3
2014	4.89%	5	40	4	29	4	27	0	8	0	0	0	0	3
2015	4.52%	5	44	4	33	4	31	0	8	0	0	0	0	4
2016	4.46%	4	49	4	37	4	34	0	8	0	0	0	0	4
2017	4.46%	4	53	4	41	4	38	0	8	0	0	0	0	4
2018	4.46%	4	58	4	46	4	42	0	8	0	0	0	0	4
2019	4.46%	4	62	4	50	4	46	0	8	0	0	0	0	5
2020	4.46%	4	67	4	54	4	50	0	8	0	0	0	0	5
2021	4.46%	4	71	4	58	4	54	0	8	0	0	0	0	5
2022	4.46%	4	76	4	62	4	57	0	8	0	0	0	0	5
2023	4.46%	4	80	4	66	4	61	0	8	0	0	0	0	6
2024	4.46%	4	85	4	71	4	65	0	8	0	0	0	0	6
2025	4.46%	4	89	4	75	4	69	0	8	0	0	0	0	6
2026	4.46%	4	94	4	79	4	73	0	8	0	0	0	0	6
2027	4.46%	4	98	4	83	4	77	0	8	0	0	0	0	7
2028	2.23%	2	100	4	87	4	80	(1)	8	0	0	0	(1)	6
2029	0.00%	0	100	4	91	4	84	(1)	8	0	0	0	(1)	4
2030	0.00%	0	100	4	95	4	88	(1)	8	0	0	0	(1)	3
2031	0.00%	0	100	4	100	4	92	(1)	8	0	0	0	(1)	1
2032	0.00%	0	100	4	104	4	96	(1)	8	0	0	0	(1)	0

SALVAGE / REMOVAL COST	0 00
YEAR SALVAGE / COST OF REMOVAL	2029
DEFERRED TAXES DURING CONSTRUCTION (SEE PAGE 5)	(2)
TOTAL EQUITY AFUDC CAPITALIZED (SEE PAGE 5)	8
BOOK DEPR RATE - 1/USEFUL LIFE	4.00%

DEFERRED TAX AND MID-YEAR RATE BASE CALCULATION
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L7: BCI

(1)	(2)	(3)	(4)	(5) END OF YEAR NET PLANT IN SERVICE	(5a)* ACCUMULATED DEPRECIATION \$(000)	(5b)* ACCUMULATED DEF TAXES \$(000)	(6) BEGINNING YEAR RATE BASE \$(000)	(7) ENDING OF YEAR RATE BASE \$(000)	(8) MID-YEAR RATE BASE \$(000)
2008	3.75%	4	(0)	104	4	(2)	105	101	103
2009	7.22%	7	1	100	8	(0)	101	96	99
2010	6.68%	7	1	95	12	1	96	91	93
2011	6.18%	6	1	91	17	2	91	86	88
2012	5.71%	6	1	87	21	2	86	81	83
2013	5.29%	5	1	83	25	3	81	76	78
2014	4.89%	5	0	79	29	3	76	71	74
2015	4.52%	5	0	75	33	4	71	67	69
2016	4.46%	4	0	71	37	4	67	63	65
2017	4.46%	4	0	66	41	4	63	58	60
2018	4.46%	4	0	62	46	4	58	54	56
2019	4.46%	4	0	58	50	5	54	49	52
2020	4.46%	4	0	54	54	5	49	45	47
2021	4.46%	4	0	50	58	5	45	41	43
2022	4.46%	4	0	46	62	5	41	36	38
2023	4.46%	4	0	41	66	6	36	32	34
2024	4.46%	4	0	37	71	6	32	27	30
2025	4.46%	4	0	33	75	6	27	23	25
2026	4.46%	4	0	29	79	6	23	19	21
2027	4.46%	4	0	25	83	7	19	14	16
2028	2.23%	2	(1)	21	87	6	14	11	12
2029	0.00%	0	(1)	17	91	4	11	8	9
2030	0.00%	0	(1)	12	95	3	8	5	7
2031	0.00%	0	(1)	8	100	1	5	3	4
2032	0.00%	0	(1)	4	104	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)
2003	-5	0.00%	1.000	0.00%	0.00	0.00
2004	-4	0.00%	1.000	1.00%	4.84	2.42
2005	-3	1.70%	1.017	18.00%	88.56	49.12
2006	-2	1.70%	1.034	48.00%	240.16	213.47
2007	-1	1.70%	1.052	33.00%	167.92	417.51

100.00% 501.47

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)
2003	-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2004	-4	2.42	0.07	0.07	0.22	0.22	0.15	0.15	(0.03)	(0.03)	5.05	5.05
2005	-3	49.33	1.42	1.49	4.41	4.62	3.15	3.31	(0.67)	(0.70)	92.96	98.02
2006	-2	218.10	6.30	7.79	19.54	24.16	13.87	17.18	(2.92)	(3.62)	259.70	357.72
2007	-1	441.68	12.82	20.62	39.77	63.93	27.82	45.00	(5.78)	(9.41)	207.68	565.40

20.62

63.93

45.00

(9.41)

565.40

IN SERVICE YEAR	2008
PLANT COSTS	483.75
AFUDC RATE	8.93%

	BOOK BASIS	BOOK BASIS FOR DEF TAX	TAX BASIS
CONSTRUCTION CASH	92	92	92
EQUITY AFUDC	8		
DEBT AFUDC	4	4	
CPI			8
TOTAL	104	96	100

* Column not specified in workbook

INPUT DATA -- PART 2
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L7: BCI

(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
2003	0	0	4.70	5.15	5.26	0.00	1.00	1.00
2004	1,000	1,000	4.07	4.48	4.61	0.00	1.00	1.00
2005	2,000	2,000	3.73	4.07	4.16	0.00	1.00	1.00
2006	3,000	3,000	3.67	4.05	4.17	0.00	1.00	1.00
2007	4,000	4,000	3.78	4.20	4.32	0.00	1.00	1.00
2008	4,000	4,000	3.76	4.16	4.27	3.82	1.00	1.00
2009	4,000	4,000	3.63	4.00	4.10	3.87	1.00	1.00
2010	4,000	4,000	3.61	3.96	4.05	3.92	1.00	1.00
2011	4,000	4,000	3.55	3.85	3.92	4.00	1.00	1.00
2012	4,000	4,000	3.61	3.89	3.98	4.07	1.00	1.00
2013	4,000	4,000	3.77	4.09	4.18	4.26	1.00	1.00
2014	4,000	4,000	3.86	4.17	4.26	4.42	1.00	1.00
2015	4,000	4,000	4.03	4.37	4.46	4.61	1.00	1.00
2016	4,000	4,000	4.17	4.49	4.57	4.84	1.00	1.00
2017	4,000	4,000	4.30	4.64	4.74	5.09	1.00	1.00
2018	4,000	4,000	4.49	4.86	4.96	5.35	1.00	1.00
2019	4,000	4,000	4.67	5.09	5.21	5.60	1.00	1.00
2020	4,000	4,000	4.87	5.32	5.48	5.89	1.00	1.00
2021	4,000	4,000	5.10	5.60	5.77	6.28	1.00	1.00
2022	4,000	4,000	5.15	5.65	5.82	6.67	1.00	1.00
2023	4,000	4,000	5.20	5.71	5.88	7.12	1.00	1.00
2024	4,000	4,000	5.26	5.77	5.94	7.19	1.00	1.00
2025	4,000	4,000	5.31	5.82	6.00	7.26	1.00	1.00
2026	4,000	4,000	5.36	5.88	6.06	7.34	1.00	1.00
2027	4,000	4,000	5.42	5.94	6.12	7.41	1.00	1.00

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

AVOIDED GENERATING BENEFITS
 PROGRAM METHOD SELECTED: REV_REQ
 PROGRAM NAME Low Income -L7: BCI

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)
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	18	6	0	44	52	16
2009	20	6	0	44	51	19
2010	19	6	0	44	51	19
2011	18	7	0	45	52	19
2012	18	7	0	46	53	19
2013	17	7	0	47	54	17
2014	16	8	0	49	57	17
2015	16	8	0	51	59	15
2016	15	8	0	52	62	13
2017	14	9	0	55	66	12
2018	14	9	0	57	70	10
2019	13	10	0	59	73	9
2020	12	10	0	61	77	6
2021	12	10	0	63	82	3
2022	11	11	0	66	88	(0)
2023	10	11	0	68	95	(5)
2024	10	12	0	71	97	(4)
2025	9	12	0	74	99	(3)
2026	8	13	0	77	101	(2)
2027	8	14	1	80	103	(1)

NOM	277	185	7	1,153	1,445	177
NPV	113	61	2	391	478	90

AVOIDED T&D AND PROGRAM FUEL SAVINGS
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME Low Income -L7: BCI

(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)
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	5	0
2005	1	0	1	0	0	0	13	0
2006	1	0	2	0	0	0	21	0
2007	2	0	3	0	0	1	31	0
2008	3	1	3	1	0	1	35	0
2009	3	1	3	1	0	1	34	0
2010	3	1	3	1	0	1	33	0
2011	2	1	3	1	0	1	32	0
2012	2	1	3	0	0	1	33	0
2013	2	1	3	0	0	1	35	0
2014	2	1	3	0	0	1	35	0
2015	2	1	3	0	0	1	37	0
2016	2	1	3	0	0	1	38	0
2017	2	1	3	0	0	1	39	0
2018	2	1	3	0	0	1	41	0
2019	2	1	3	0	0	1	43	0
2020	2	1	3	0	0	1	45	0
2021	2	1	3	0	0	1	47	0
2022	1	1	3	0	0	1	48	0
2023	1	1	2	0	0	1	48	0
2024	1	1	2	0	0	1	49	0
2025	1	1	2	0	0	1	49	0
2026	1	1	2	0	1	1	50	0
2027	1	1	2	0	1	1	50	0

NOM.	42	18	60	9	8	16	889	0
NPV	19	6	25	4	3	7	339	0

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

TOTAL RESOURCE COST TEST
 PROGRAM METHOD SELECTED REV_REQ
 PROGRAM NAME: Low Income -L7: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	50	153	0	203	0	0	5	0	5	(198)	(184)
2005	0	51	156	0	207	0	1	13	0	14	(193)	(350)
2006	0	52	159	0	212	0	2	21	0	23	(188)	(500)
2007	0	53	163	0	217	0	3	31	0	34	(183)	(635)
2008	0	0	0	0	0	16	4	35	0	55	55	(597)
2009	0	0	0	0	0	19	4	34	0	57	57	(561)
2010	0	0	0	0	0	19	4	33	0	56	56	(528)
2011	0	0	0	0	0	19	4	32	0	55	55	(497)
2012	0	0	0	0	0	19	4	33	0	55	55	(469)
2013	0	0	0	0	0	17	4	35	0	56	56	(443)
2014	0	0	0	0	0	17	4	35	0	55	55	(419)
2015	0	0	0	0	0	15	4	37	0	56	56	(396)
2016	0	0	0	0	0	13	4	38	0	55	55	(376)
2017	0	0	0	0	0	12	3	39	0	55	55	(357)
2018	0	0	0	0	0	10	3	41	0	54	54	(339)
2019	0	0	0	0	0	9	3	43	0	55	55	(323)
2020	0	0	0	0	0	6	3	45	0	54	54	(308)
2021	0	0	0	0	0	3	3	47	0	53	53	(294)
2022	0	0	0	0	0	(0)	3	48	0	51	51	(282)
2023	0	0	0	0	0	(5)	3	48	0	46	46	(272)
2024	0	0	0	0	0	(4)	3	49	0	48	48	(262)
2025	0	0	0	0	0	(3)	3	49	0	49	49	(252)
2026	0	0	0	0	0	(2)	3	50	0	50	50	(244)
2027	0	0	0	0	0	(1)	3	50	0	52	52	(235)

NOM	0	206	632	0	838	177	77	889	0	1,143	305
NPV	0	171	524	0	695	90	32	339	0	460	(235)

Discount Rate: 7.82 %
 Benefit/Cost Ratio (Col(11) / Col(6)) : 0.66

PARTICIPANT COSTS AND BENEFITS
PROGRAM/METHOD SELECTED REV_REQ
PROGRAM NAME Low Income-L7: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0
2004	7	0	150	0	157	153	0	0	153	5	4
2005	22	0	150	0	172	156	0	0	156	16	18
2006	37	0	150	0	187	159	0	0	159	27	40
2007	51	0	150	0	201	163	0	0	163	38	68
2008	59	0	0	0	59	0	0	0	0	59	108
2009	59	0	0	0	59	0	0	0	0	59	146
2010	59	0	0	0	59	0	0	0	0	59	181
2011	59	0	0	0	59	0	0	0	0	59	213
2012	60	0	0	0	60	0	0	0	0	60	244
2013	61	0	0	0	61	0	0	0	0	61	272
2014	61	0	0	0	61	0	0	0	0	61	299
2015	61	0	0	0	61	0	0	0	0	61	324
2016	61	0	0	0	61	0	0	0	0	61	347
2017	62	0	0	0	62	0	0	0	0	62	368
2018	63	0	0	0	63	0	0	0	0	63	389
2019	63	0	0	0	63	0	0	0	0	63	408
2020	63	0	0	0	63	0	0	0	0	63	425
2021	63	0	0	0	63	0	0	0	0	63	441
2022	63	0	0	0	63	0	0	0	0	63	456
2023	63	0	0	0	63	0	0	0	0	63	470
2024	63	0	0	0	63	0	0	0	0	63	483
2025	62	0	0	0	62	0	0	0	0	62	495
2026	62	0	0	0	62	0	0	0	0	62	506
2027	62	0	0	0	62	0	0	0	0	62	516

NOM	1,347	0	600	0	1,947	632	0	0	632	1,315
NPV	542	0	499	0	1,040	524	0	0	524	516

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

2008
7.82 %
1.99

RATE IMPACT TEST
PROGRAM METHOD SELECTED: REV_REQ
PROGRAM NAME Low Income -L7: BCI

(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)
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	50	150	7	0	207	5	0	0	0	5	(203)	(188)
2005	0	51	150	22	0	223	13	1	0	0	14	(209)	(368)
2006	0	52	150	37	0	239	21	2	0	0	23	(215)	(540)
2007	0	53	150	51	0	254	31	3	0	0	34	(220)	(703)
2008	0	0	0	59	0	59	51	4	0	0	55	(3)	(705)
2009	0	0	0	59	0	59	53	4	0	0	57	(2)	(707)
2010	0	0	0	59	0	59	52	4	0	0	56	(3)	(708)
2011	0	0	0	59	0	59	51	4	0	0	55	(4)	(711)
2012	0	0	0	60	0	60	51	4	0	0	55	(5)	(713)
2013	0	0	0	61	0	61	52	4	0	0	56	(5)	(716)
2014	0	0	0	61	0	61	52	4	0	0	55	(5)	(718)
2015	0	0	0	61	0	61	52	4	0	0	56	(6)	(720)
2016	0	0	0	61	0	61	51	4	0	0	55	(6)	(723)
2017	0	0	0	62	0	62	51	3	0	0	55	(7)	(725)
2018	0	0	0	63	0	63	51	3	0	0	54	(9)	(728)
2019	0	0	0	63	0	63	51	3	0	0	55	(8)	(731)
2020	0	0	0	63	0	63	51	3	0	0	54	(9)	(733)
2021	0	0	0	63	0	63	50	3	0	0	53	(10)	(735)
2022	0	0	0	63	0	63	47	3	0	0	51	(12)	(738)
2023	0	0	0	63	0	63	43	3	0	0	46	(16)	(742)
2024	0	0	0	63	0	63	44	3	0	0	48	(15)	(745)
2025	0	0	0	62	0	62	46	3	0	0	49	(14)	(748)
2026	0	0	0	62	0	62	47	3	0	0	50	(12)	(750)
2027	0	0	0	62	0	62	49	3	0	0	52	(10)	(751)

NOM	0	206	600	1,347	0	2,153	1,067	77	0	0	1,143	(1,010)
NPV	0	171	499	542	0	1,212	428	32	0	0	460	(751)

Discount Rate 7.82 %
Benefit/Cost Ratio (Col(12) / Col(7)) : 0.38