D.T.E. 03-121
Attachment NEDGC-4-9 (d)

Boston Edison Company
Docket No. DPU 92-92
Information Request No. DPU-4-40
Response Date: 5/22/92
Witness: R. LaCapra

Q. Please provide copies of all workpapers used to develop the external allocation factors listed in Exhibit BE-RLC-2, Schedule 17.

A. Attached are the workpapers used to develop the external allocation factors listed in Exhibit BE-RLC-2, Schedule 19.

DPU-4-40
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RATE INPUT – NORMALIZED KWH

COS2X VALUE	RATE	PER BOOK KILOWATTHOURS	NEA ADJUSTMENT	MWRA ADJUSTMENT	NURSING HOME ADJUSTMENT	RATE	NORMALIZED KILOWATTHOURS	
3	R-1	2,810,440,130			(5,419,025)	R-1	2,805,021,105	2,805,021
4	R-3	544,097,202			(11,894,956)	R-3	532,202,246	532,202
30	TOTR1	3,354,537,332			(17,313,981)	TOTR1	3,337,223,351	3,337,223
5	R-2	24,753,824				R-2	24,753,824	24,754
31	TOTR1/R2	3,379,291,156			(17,313,981)	TOTR1/R2	3,361,977,175	3,361,977
6	R-4	1,717,297				R-4	1,717,297	1,717
32	TOTRES	3,381,008,453			(17,313,981)	TOTRES	3,363,694,472	3,363,694
	T-1	7,922				T-1	7,922	8
	G-1	429,477,853				G-1	429,477,853	429,478
7	G-1	429,485,775				G-1	429,485,775	429,486
8	G-2	2,533,200,890			3,100,328	G-2	2,536,301,218	2,536,301
9	G-2	1,722,027				G-2	1,722,027	1,722
33	TOTG2	2,534,922,917			3,100,328	TOTG2	2,538,023,245	2,538,023
10	T2	2,853,773,189			14,213,653	T2	2,867,986,842	2,867,987
34	TOTG2/T2	5,388,696,106			17,313,981	TOTG2/T2	5,406,010,087	5,406,010
11	G3	2,842,831,213		(8,683,834)		G3	2,834,147,379	2,834,147
12	LOGAN	126,217,900				LOGAN	126,217,900	126,218
	TOTG3	2,969,049,113		(8,683,834)		TOTG3	2,960,365,279	2,960,365
35	TOTGENSER	8,787,230,994		(8,683,834)	17,313,981	TOTGENSER	8,795,861,141	8,795,861
13	MT	148,717,049				MT	148,717,049	148,717
14	WR	10,983,815		8,683,834		WR	19,667,649	19,668
15	S1	86,764,512				S1	86,764,512	86,765
16	S2	44,084,410				S2	44,084,410	44,084
17	S3	17,762,999				S3	17,762,999	17,763
36	TOTLIGHT	148,591,921				TOTLIGHT	148,591,921	148,592
	NEA	2,405,095	(2,405,095)			NEA	0	
37	TOTAL STATE	12,478,937,327	(2,405,095)	0	0	TOTAL STATE	12,478,532,232	12,478,532
	CENTS/KWH					CENTS/KWH		
2	ALL OTHER	332,932,302				ALL OTHER	332,932,302	332,932
1	TOTAL ELECTRIC	12,811,869,629	(2,405,095)		0	TOTAL ELECTRIC	12,809,464,534	12,809,464

PROBABILITY OF DISPATCH (POD) ALLOCATORS
ENERGY AND POWER SUPPLY PRODUCTION

BOSTON EDISON CO.
RATE AND LOAD RESEARCH DEPT.

Retail Cost-of-Service Study
DPU 92-92

VALUE NO.	RATE CODE	POD ENERGY 17^017 & 018 *	POD ENERGY %	POD PS-PROD	POD PS-PROD %	POD (MBTA-P&A) PS-PROD %	POD (MBTA-P&A) PS-PROD 17^020	POD PS-PROD RETAIL	POD PS-PROD RETAIL %	POD (MBTA-P&A) PS-PROD RETAIL %	POD (MBTA-P&A) PS-PROD RETAIL 17^022
3	R1-020,021,110	50,455,712	22.0576%	146,696,176	22.1900%	22.2080%	146,815,247	146,696,176	22.7491%	22.7679%	146,817,887
4	R3-022,023	9,493,180	4.1501%	27,853,936	4.2133%	4.2167%	27,876,544	27,853,936	4.3195%	4.3231%	27,877,045
30	TOT R1	59,948,892	26.2077%	174,550,112	26.4033%	26.4247%	174,691,791	174,550,112	27.0685%	27.0910%	174,694,932
5	R2-030,031,032,033	445,641	0.1948%	1,299,745	0.1966%	0.1968%	1,300,799	1,299,745	0.2016%	0.2017%	1,300,823
31	TOT R1/R2	60,394,533	26.4025%	175,849,857	26.5999%	26.6215%	175,992,590	175,849,857	27.2701%	27.2927%	175,995,755
6	R4-224,225,226,227	30,407	0.0133%	89,992	0.0136%	0.0136%	90,065	89,992	0.0140%	0.0140%	90,066
32	TOTAL RESIDENTIAL	60,424,940	26.4158%	175,939,849	26.6135%	26.6351%	176,082,655	175,939,849	27.2841%	27.3067%	176,085,821
7	G1-011,013,016,018,078,191, 193,217	8,016,263	3.5044%	22,493,664	3.4025%	3.4053%	22,511,921	22,493,664	3.4882%	3.4911%	22,512,326
8	G2-019,079,091,093,112,113, 130,214,215,234,274,314,374, 430,593,595,599,264,267,268	46,679,040	20.4065%	132,594,656	20.0569%	20.0732%	132,702,281	132,594,656	20.5623%	20.5793%	132,704,667
33	TOT G2	46,679,040	20.4065%	132,594,656	20.0569%	20.0732%	132,702,281	132,594,656	20.5623%	20.5793%	132,704,667
10	T2-617,627,677,707,717,777, 907,917,977,290,297,298	52,046,032	22.7528%	149,714,992	22.6466%	22.6650%	149,836,513	149,714,992	23.2172%	23.2365%	149,839,208
34	TOT G2/T2	98,725,072	43.1593%	282,309,648	42.7035%	42.7382%	282,538,794	282,309,648	43.7795%	43.8158%	282,543,875
11	G3-407,417,477	48,601,504	21.2470%	141,848,016	21.4566%	21.4740%	141,963,152	141,848,016	21.9972%	22.0155%	141,965,705
12	G3 - 507	2,117,785	0.9258%	6,321,318	0.9562%	0.9570%	6,326,448	6,321,318	0.9803%	0.9811%	6,326,562
	TOTAL G3	50,719,289	22.1728%	148,169,334	22.4128%	22.4310%	148,289,600	148,169,334	22.9775%	22.9966%	148,292,267
13	MT-506	2,537,190	1.1092%	7,204,977	1.0899%	1.0096%	6,674,226	7,204,977	1.1173%	1.0353%	6,675,937
14	MWRA - 510	306,729	0.1341%	940,076	0.1422%	0.1423%	940,839	940,076	0.1458%	0.1459%	940,855
35	TOTAL GENERAL SERVICE	160,304,543	70.0798%	461,117,699	69.7509%	69.7264%	460,955,380	461,117,699	71.5083%	71.4847%	460,965,260
15	S1-051,053,058	1,379,959	0.6033%	4,547,813	0.6879%	0.6885%	4,551,504	4,547,813	0.7053%	0.7058%	4,551,586
16	S2-055,056	712,336	0.3114%	2,308,276	0.3492%	0.3494%	2,310,149	2,308,276	0.3580%	0.3583%	2,310,191
17	S3-060,061	282,282	0.1234%	931,116	0.1408%	0.1410%	931,871	931,116	0.1444%	0.1445%	931,888
36	TOTAL LIGHTING	2,374,577	1.0381%	7,787,205	1.1779%	1.1789%	7,793,524	7,787,205	1.2076%	1.2086%	7,793,665
37	TOTAL STATE	223,104,060	97.5337%	644,844,753	97.5424%	97.5404%	644,831,559	644,844,753	100.0000%	100.0000%	644,844,746
2	FEDERAL	5,641,656	2.4663%	16,247,063	2.4576%	2.4596%	16,260,250	0	0.0000%	0.0000%	0
1	TOTAL SYSTEM	228,745,716	100.0000%	661,091,816	100.0000%	100.0000%	661,091,809	644,844,753	100.0000%	100.0000%	644,844,746

NOTE: NEA EXCLUDED

MBTA-506 PROD P&A	26,761
RETAIL PROD P&A	2,584,909
TERRITORY PROD P&A	2,650,716

* - POD ENERGY 17^018 (RETAIL ONLY)

UNITS ARE IN DOLLARS UNLESS SPECIFIED BY A PERCENT SIGN

DPU-H-40
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PROBABILITY OF DISPATCH (POD) ALLOCATORS
ENERGY AND POWER SUPPLY PRODUCTION

BOSTON EDISON CO.	Retail Cost-of-Service Study	Page 2 of 3
RATE AND LOAD RESEARCH DEPT.	DPU 92-92	

VALUE NO.	RATE CODE	POD PS-TRNS/DIST	POD PS-TRNS/DIST %	POD (MBTA-P&M) PS-TRNS/DIST %	POD (MBTA-P&M) PS-TRNS/DIST 17^031,033	POD EXCL MBTA PS-TRNS/DIST 17^034	POD PS-TRNS/DIST RETAIL	POD PS-TRNS/DIST RETAIL %	POD (MBTA-P&M) PS-TRNS/DIST RETAIL ONLY %	POD (MBTA-P&M) PS-TRNS/DIST RETAIL ONLY 17^032
3	R1-020,021,110	10,510,332	21.7297%	21.7645%	10,527,119	10,510,332	10,510,332	22.2809%	22.3229%	10,530,139
4	R3-022,023	1,836,637	3.7972%	3.8032%	1,839,570	1,836,637	1,836,637	3.8935%	3.9008%	1,840,098
30	TOT R1	12,346,969	25.5269%	25.5677%	12,366,689	12,346,969	12,346,969	26.1744%	26.2238%	12,370,237
5	R2-030,031,032,033	92,778	0.1918%	0.1921%	92,926	92,778	92,778	0.1967%	0.1971%	92,952
31	TOT R1/R2	12,439,747	25.7187%	25.7598%	12,459,615	12,439,747	12,439,747	26.3711%	26.4208%	12,463,189
6	R4-224,225,226,227	5,975	0.0124%	0.0124%	5,984	5,975	5,975	0.0127%	0.0127%	5,986
32	TOTAL RESIDENTIAL	12,445,722	25.7311%	25.7722%	12,465,599	12,445,722	12,445,722	26.3838%	26.4335%	12,469,175
7	G1-011,013,016,018,078,191, 193,217	1,794,498	3.7101%	3.7160%	1,797,364	1,794,498	1,794,498	3.8042%	3.8113%	1,797,879
8	G2-019,079,091,093,112,113, 130,214,215,234,274,314,374, 430,593,595,599,264,267,268	10,168,595	21.0232%	21.0568%	10,184,836	10,168,595	10,168,595	21.5565%	21.5971%	10,187,758
33	TOT G2	10,168,595	21.0232%	21.0568%	10,184,836	10,168,595	10,168,595	21.5565%	21.5971%	10,187,758
10	T2-617,627,677,707,717,777, 907,917,977,290,297,298	11,175,911	23.1058%	23.1427%	11,193,761	11,175,911	11,175,911	23.6919%	23.7366%	11,196,973
34	TOT G2/T2	21,344,506	44.1290%	44.1995%	21,378,597	21,344,506	21,344,506	45.2484%	45.3337%	21,384,731
11	G3-407,417,477	10,173,749	21.0339%	21.0675%	10,189,998	10,173,749	10,173,749	21.5674%	21.6081%	10,192,922
12	G3 - 507	425,017	0.8787%	0.8801%	425,695	425,017	425,017	0.9010%	0.9027%	425,817
	TOTAL G3	10,598,766	21.9126%	21.9476%	10,615,694	10,598,766	10,598,766	22.4684%	22.5108%	10,618,740
13	MT-506	540,786	1.1181%	0.9601%	464,393	0	540,786	1.1464%	0.9601%	452,905
14	MWRA - 510	61,321	0.1268%	0.1270%	61,418	61,321	61,321	0.1300%	0.1302%	61,436
35	TOTAL GENERAL SERVICE	34,339,877	70.9965%	70.9502%	34,317,465	33,799,091	34,339,877	72.7974%	72.7461%	34,315,690
15	S1-051,053,058	221,605	0.4582%	0.4589%	221,958	221,605	221,605	0.4698%	0.4707%	222,022
16	S2-055,056	119,426	0.2469%	0.2473%	119,616	119,426	119,426	0.2532%	0.2536%	119,651
17	S3-060,061	45,226	0.0935%	0.0937%	45,298	45,226	45,226	0.0959%	0.0961%	45,311
36	TOTAL LIGHTING	386,257	0.7986%	0.7998%	386,872	386,257	386,257	0.8188%	0.8204%	386,984
37	TOTAL STATE	47,171,856	97.5262%	97.5222%	47,169,936	46,631,070	47,171,856	100.0000%	100.0000%	47,171,849
2	FEDERAL	1,196,548	2.4738%	2.4778%	1,198,459	1,196,548	0	0.0000%	0.0000%	0
1	TOTAL SYSTEM	48,368,404	100.0000%	100.0000%	48,368,395	47,827,618	47,171,856	100.0000%	100.0000%	47,171,849

NOTE: NEA EXCLUDED

MBTA-506 PROD P&M	---->	25,450
TERRITORY PROD P&M	---->	2,650,716

UNITS ARE IN DOLLARS UNLESS SPECIFIED BY A PERCENT SIGN

DPU-4-40
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PROBABILITY OF DISPATCH (POD) ALLOCATORS
ENERGY AND POWER SUPPLY PRODUCTION

BOSTON EDISON CO.	Retail Cost-of-Service Study	Page 3 of 3
RATE AND LOAD RESEARCH DEPT.	DPU 92-92	

VALUE NO.	RATE CODE	RETAIL (HI. TEN.) 17^040,047	RETAIL (HI. TENS.) %	RETAIL POD (SECO.) 17^046,048	RETAIL POD (SECO) %	RESIDENTIAL POD (SECO) 17^045	RETAIL POD RESIDENTIAL POD (SECO) %	RETAIL POD EXCEPT STREET LIGHTING 17^053	EXCEPT STREET LIGHTING %
3	R1-020,021,110	52,640,176	22.5831%	62,080,992	29.4842%	62,080,992	84.3399%	62,080,992	29.8141%
4	R3-022,023	9,228,046	3.9589%	10,944,852	5.1980%	10,944,852	14.8691%	10,944,852	5.2562%
30	TOT R1	61,868,222	26.5420%	73,025,844	34.6822%	73,025,844	99.2089%	73,025,844	35.0703%
5	R2-030,031,032,033	464,570	0.1993%	546,735	0.2597%	546,735	0.7428%	546,735	0.2626%
31	TOT R1/R2	62,332,792	26.7413%	73,572,579	34.9419%	73,572,579	99.9517%	73,572,579	35.3329%
6	R4-224,225,226,227	30,004	0.0129%	35,550	0.0169%	35,550	0.0483%	35,550	0.0171%
32	TOTAL RESIDENTIAL	62,362,796	26.7541%	73,608,129	34.9588%	73,608,129	100.0000%	73,608,129	35.3499%
7	G1-011,013,016,018,078,191, 193,217	8,958,331	3.8432%	10,435,025	4.9559%	0	0.0000%	10,435,025	5.0114%
8	G2-019,079,091,093,112,113, 130,214,215,234,274,314,374, 430,593,595,599,264,267,268	50,837,072	21.8095%	59,172,608	28.1029%	0	0.0000%	59,172,608	28.4174%
33	TOT G2	50,837,072	21.8095%	59,172,608	28.1029%	0	0.0000%	59,172,608	28.4174%
10	T2-617,627,677,707,717,777, 907,917,977,290,297,298	55,895,808	23.9798%	65,011,264	30.8759%	0	0.0000%	65,011,264	31.2213%
34	TOT G2/T2	106,732,880	45.7893%	124,183,872	58.9788%	0	0.0000%	124,183,872	59.6387%
11	G3-407,417,477	50,950,496	21.8582%	0	0.0000%	0	0.0000%	0	0.0000%
12	G3 - 507	2,132,133	0.9147%	0	0.0000%	0	0.0000%	0	0.0000%
	TOTAL G3	53,082,629	22.7729%	0	0.0000%	0	0.0000%	0	0.0000%
13	MT-506	0	0.0000%	0	0.0000%	0	0.0000%	0	0.0000%
14	MWRA - 510	0	0.0000%	0	0.0000%	0	0.0000%	0	0.0000%
35	TOTAL GENERAL SERVICE	168,773,840	72.4053%	134,618,897	63.9347%	0	0.0000%	134,618,897	64.6501%
15	S1-051,053,058	1,124,881	0.4826%	1,339,667	0.6362%	0	0.0000%	0	0.0000%
16	S2-055,056	604,717	0.2594%	716,674	0.3404%	0	0.0000%	0	0.0000%
17	S3-060,061	229,603	0.0985%	273,517	0.1299%	0	0.0000%	0	0.0000%
36	TOTAL LIGHTING	1,959,201	0.8405%	2,329,858	1.1065%	0	0.0000%	0	0.0000%
37	TOTAL STATE	233,095,837	100.0000%	210,556,884	100.0000%	73,608,129	100.0000%	208,227,026	100.0000%
2	FEDERAL	0	0.0000%	0	0.0000%	0	0.0000%	0	0.0000%
1	TOTAL SYSTEM	233,095,837	100.0000%	210,556,884	100.0000%	73,608,129	100.0000%	208,227,026	100.0000%

NOTE: NEA EXCLUDED

DPU-4-40
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DPU-4-40
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BOSTON EDISON COMPANY
COINCIDENT PEAK DEMANDS
GENERATION LEVEL – NORMALIZED TO TERRITORY
JANUARY 1991 – DECEMBER 1991

RATE	RATE CODE(S)	ANNUAL KWH @ GENERATOR	AVERAGE DEMAND (KW)	AVERAGE SUMMER (KW)	POWER STRINGS PRODUCTION (KW)	PERCENT OF TOTAL	T & D (KW)	PERCENT OF TOTAL
R1	020, 110:	2,744,778,288	313,331	536,650	537,307	20.27%	544,126	20.53%
R1	021:	329,308,422	37,592	58,688	62,086	2.34%	61,534	2.32%
	SUBTOTAL	3,074,086,710	350,923	595,338	599,393	22.61%	605,661	22.85%
R1	022,023:	584,646,218	66,740	55,039	89,711	3.38%	76,911	2.90%
SUB	RATE R1	3,658,732,928	417,664	650,377	689,104	26.00%	682,572	25.75%
R2	030,031,032,033:	27,166,293	3,101	5,623	5,448	0.21%	5,590	0.21%
SUB	RATES R1 + R2	3,685,899,221	420,765	656,000	694,552	26.20%	688,163	25.96%
R4	224,225,226,230,231,232:	1,886,317	215	246	318	0.01%	293	0.01%
TOTAL	RESIDENTIAL	3,687,785,538	420,980	656,246	694,870	26.21%	688,456	25.97%
G1	011,13,16,18,78, 191,193,217,218:	469,840,323	53,635	129,216	107,564	4.06%	117,714	4.44%
G2	113,214,215,234, 267,268,314:	23,861,943	2,724	4,825	4,738	0.18%	4,835	0.18%
G2	019,091,093,112,130,264,430:	2,569,412,832	293,312	522,390	511,336	19.29%	522,536	19.71%
G2	274,374:	2,597,817	297	747	608	0.02%	672	0.03%
G2	079:	180,240,948	20,575	52,177	42,352	1.60%	46,873	1.77%
SUB	RATE G2	2,776,113,540	316,908	580,139	559,034	21.09%	574,917	21.69%
T2	617,618,717,718:	171,374,006	19,563	32,695	33,209	1.25%	33,439	1.26%
T2	917,918:	2,588,721,728	295,516	496,635	502,791	18.97%	506,938	19.12%
T2	677,678,777,778:	25,641,754	2,927	5,449	5,201	0.20%	5,370	0.20%
T2	977,978:	230,416,493	26,303	49,256	46,861	1.77%	48,445	1.83%
T2	627,628,707,708:	34,738,435	3,966	4,513	5,849	0.22%	5,387	0.20%
T2	907,908:	82,837,706	9,456	10,816	13,971	0.53%	12,883	0.49%
SUB	RATE T2	3,133,730,122	357,732	599,364	607,882	22.93%	612,462	23.11%
SUB	RATES G2 + T2	5,909,843,662	674,640	1,179,503	1,166,916	44.02%	1,187,378	44.79%
G3	407,408:	19,586,673	2,236	2,900	3,446	0.13%	3,271	0.12%
G3	417,418:	1,607,616,192	183,518	272,641	297,307	11.22%	291,280	10.99%
G3	477,478:	1,343,357,888	153,351	216,882	243,869	9.20%	236,201	8.91%
G3	507,508 (LOGAN):	132,604,283	15,137	16,852	22,171	0.84%	20,318	0.77%
SUB	RATE G3	3,103,165,036	354,243	509,275	566,793	21.38%	551,070	20.79%
MW	510,511 (115KV SERVICE)	19,831,450	2,264	1,479	2,881	0.11%	2,354	0.09%
MT	505,506 (115KV SERVICE)	151,671,569	17,314	22,635	26,761	1.01%	25,450	0.96%
NE	512,513 (115KV SERVICE)	0	0	0	0	0.00%	0	0.00%
TOTAL	GENERAL SERVICE	9,654,352,040	1,102,095	1,842,108	1,870,916	70.58%	1,883,967	71.07%
S1	051,053,058:	95,500,357	10,902	96	10,942	0.41%	6,712	0.25%
S2	055,056:	48,473,543	5,534	996	5,949	0.22%	4,030	0.15%
S3	060,061:	19,552,616	2,232	0	2,232	0.08%	1,361	0.05%
TOTAL	STREETLIGHT	163,526,516	18,667	1,092	19,123	0.72%	12,104	0.46%
TOTAL	RETAIL	13,505,664,094	1,541,742	2,499,446	2,584,909	97.52%	2,584,526	97.50%
MUNI	CONCORD W/O NYPA	146,008,874	16,668	26,903	27,896	1.05%	27,863	1.05%
MUNI	WELLESLEY W/O NYPA	194,252,214	22,175	37,703	37,911	1.43%	38,327	1.45%
TOTAL	MUNICIPALS	340,261,088	38,843	64,606	65,807	2.48%	66,190	2.50%
TOTAL	TERRITORY	13,845,925,182	1,580,585	2,564,052	2,650,716	100.00%	2,650,716	100.00%

NOTE: 1) POWER STRINGS:

PROD. = (TERR AVG DEM)*(%KWH) + (TERR PEAK – TERR AVG DEM)*(%AVG SUMMER DEM)

T & D = (MIN SUMMER TERR)*(%KWH) + (TERR PEAK – MIN SUMMER TERR)*(%AVG SUMMER DEM)

2) TERRITORY MINIMUM DEMAND IS 964,000 KW (06/02/91–6AM)

3) TERRITORY PEAK DEMAND IS 2,650,716 KW

URSA FAD RUN
URSA BASE CASE
RUN DATE MARCH 2, 1992

BOSTON EDISON COMPANY
COST OF SERVICE STUDY
TEST YEAR ENDED DECEMBER 31, 1991

CLASS ANALYSIS BY RATING PERIOD FOR FUEL COST ($)

	SUMMER PEAK	SUMMER OFF PEAK	WINTER PEAK	WINTER OFF PEAK	TOTAL
RATE R-1: 020,021,110	9578747.	9261413.	14431302.	17184256.	50455712.
RATE R-1: 022,023	1052676.	1149318.	3135703.	4155483.	9493180.
RATE R-2: 030,031,032,033	84889.	84581.	123279.	152891.	445641.
RATE R-4: 224,225,226	4310.	5577.	7704.	12816.	30407.
RATE G-1:	1922095.	1053375.	2958378.	2082415.	8016263.
RATE G-2:	10113732.	6751594.	16708374.	13105375.	46679040.
RATE T-2:	10820821.	8405189.	17257344.	15562690.	52046032.
RATE G-3:	9386513.	8390061.	15413993.	15410972.	48601504.
RATE G-3: LOGAN	349883.	401362.	592814.	773727.	2117785.
RATE WR	42057.	41704.	105724.	127244.	316729.
RATE MT : 506	478529.	377066.	894601.	786995.	2537190.
RATE NEA	16709.	18556.	4195.	3452.	42912.
RATE S-1:	71019.	315568.	241671.	751701.	1379959.
RATE S-2:	50900.	158186.	138092.	365158.	712336.
RATE S-3:	14231.	64651.	49158.	154243.	282282.
RATE MUNI	1117139.	906900.	1841009.	1776608.	5641656.
TOTAL	45104176.	37385024.	73903216.	72405888.	228798512.

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URSA FAD RUN
URSA BASE CASE
RUN DATE MARCH 2, 1992

BOSTON EDISON COMPANY
COST OF SERVICE STUDY
TEST YEAR ENDED DECEMBER 31, 1991

CLASS ANALYSIS BY RATING PERIOD FOR FIXED PRODUCTION COST ($)

	SUMMER PEAK	SUMMER OFF PEAK	WINTER PEAK	WINTER OFF PEAK	TOTAL
RATE R-1: 020,021,110	23168112.	30040960.	37647152.	55839952.	146696176.
RATE R-1: 022,023	2560360.	3732477.	8090195.	13470904.	27853936.
RATE R-2: 030,031,032,033	204616.	274349.	321424.	499356.	1299745.
RATE R-4: 224,225,226	10522.	18032.	20109.	41329.	89992.
RATE G-1:	4558002.	3405918.	7702425.	6827322.	22493664.
RATE G-2:	24193888.	21885424.	43548688.	42966656.	132594656.
RATE T-2:	25931856.	27437168.	44968832.	51377136.	149714992.
RATE G-3:	22602336.	27624736.	40257520.	51363424.	141848016.
RATE G-3: LOGAN	847346.	1333574.	1547787.	2592611.	6321318.
RATE WR	103010.	138049.	276329.	422688.	940076.
RATE MT : 506	1154450.	1192724.	2324351.	2533452.	7204977.
RATE NEA	40183.	60776.	11093.	11985.	124037.
RATE S-1:	192900.	1113519.	628080.	2613316.	4547813.
RATE S-2:	132170.	553039.	359501.	1263566.	2308276.
RATE S-3:	38780.	228234.	127744.	536358.	931116.
RATE MUNI	2684648.	2952116.	4795045.	5815254.	16247063.
TOTAL	108423104.	121990992.	192626160.	238175216.	661214464.

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URSA FAD RUN
URSA BASE CASE
RUN DATE MARCH 2, 1992

BOSTON EDISON COMPANY
COST OF SERVICE STUDY
TEST YEAR ENDED DECEMBER 31, 1991

CLASS ANALYSIS BY RATING PERIOD FOR TRANSMISSION COST ($)

	SUMMER PEAK	SUMMER OFF PEAK	WINTER PEAK	WINTER OFF PEAK	TOTAL
RATE R-1: 020,021,110	3404310.	1784343.	2823577.	2498102.	10510332.
RATE R-1: 022,023	371884.	220954.	632428.	611373.	1836637.
RATE R-2: 030,031,032,033	30290.	16290.	24095.	22102.	92778.
RATE R-4: 224,225,226	1516.	1077.	1507.	1874.	5975.
RATE G-1:	706956.	206942.	579928.	300673.	1794498.
RATE G-2:	3679961.	1321837.	3271124.	1895673.	10168595.
RATE T-2:	3929350.	1625531.	3382964.	2238066.	11175911.
RATE G-3:	3382079.	1592812.	3005376.	2193482.	10173749.
RATE G-3: LOGAN	125079.	74621.	115872.	109445.	425017.
RATE WR	14824.	7751.	20632.	18115.	61321.
RATE MT : 506	172156.	76702.	176037.	115891.	540786.
RATE NEA	6162.	3545.	760.	460.	10926.
RATE S-1:	19913.	51640.	47212.	102840.	221605.
RATE S-2:	15872.	26440.	26950.	50164.	119426.
RATE S-3:	3957.	10568.	9604.	21098.	45226.
RATE MUNI	402791.	175093.	361396.	257269.	1196548.
TOTAL	16267093.	7196138.	14479455.	10436622.	48379248.

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URSA FAD RUN
URSA BASE CASE
RUN DATE MARCH 2, 1992

BOSTON EDISON COMPANY
COST OF SERVICE STUDY
TEST YEAR ENDED DECEMBER 31, 1991

CLASS ANALYSIS BY RATING PERIOD FOR HIGH TENSION COST ($)

	SUMMER PEAK	SUMMER OFF PEAK	WINTER PEAK	WINTER OFF PEAK	TOTAL
RATE R-1: 020,021,110	16699072.	9027825.	14233383.	12679915.	52640176.
RATE R-1: 022,023	1825547.	1117542.	3182636.	3102321.	9228046.
RATE R-2: 030,031,032,033	148510.	82417.	121470.	112172.	464570.
RATE R-4: 224,225,226	7446.	5450.	7597.	9512.	30004.
RATE G-1:	3460648.	1044976.	2926586.	1526122.	8958331.
RATE G-2:	18030976.	6674804.	16511044.	9620265.	50837072.
RATE T-2:	19254528.	8212832.	17069680.	11358773.	55895808.
RATE G-3:	16585755.	8056316.	15171720.	11136727.	50950496.
RATE G-3: LOGAN	613735.	377907.	584627.	555866.	2132133.
RATE WR	0.	0.	0.	0.	0.
RATE MT : 506	0.	0.	0.	0.	0.
RATE NEA	0.	0.	0.	0.	0.
RATE S-1:	100137.	263781.	237434.	523530.	1124881.
RATE S-2:	78915.	134852.	135662.	255289.	604717.
RATE S-3:	19917.	53986.	48296.	107404.	229603.
RATE MUNI	0.	0.	0.	0.	0.
TOTAL	76825104.	35052656.	70230048.	50987824.	233095776.

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URSA FAD RUN
URSA BASE CASE
RUN DATE MARCH 2, 1992

BOSTON EDISON COMPANY
COST OF SERVICE STUDY
TEST YEAR ENDED DECEMBER 31, 1991

CLASS ANALYSIS BY RATING PERIOD FOR SECONDARY COST ($)

	SUMMER PEAK	SUMMER OFF PEAK	WINTER PEAK	WINTER OFF PEAK	TOTAL
RATE R-1: 020,021,110	19496464.	10337702.	17184880.	15061960.	62080992.
RATE R-1: 022,023	2129533.	1273350.	3863210.	3678759.	10944852.
RATE R-2: 030,031,032,033	173509.	94471.	145979.	132776.	546735.
RATE R-4: 224,225,226	8729.	6260.	9231.	11328.	35550.
RATE G-1:	4002889.	1188417.	3444705.	1799014.	10435025.
RATE G-2:	20874544.	7551925.	19439392.	11306757.	59172608.
RATE T-2:	22307520.	9268423.	20129952.	13305381.	65011264.
RATE G-3:	0.	0.	0.	0.	0.
RATE G-3: LOGAN	0.	0.	0.	0.	0.
RATE WR	0.	0.	0.	0.	0.
RATE MT : 506	0.	0.	0.	0.	0.
RATE NEA	0.	0.	0.	0.	0.
RATE S-1:	122472.	296384.	309277.	611535.	1339667.
RATE S-2:	94251.	151717.	172481.	298225.	716674.
RATE S-3:	24406.	60655.	62998.	125458.	273517.
RATE MUNI	0.	0.	0.	0.	0.
TOTAL	69234256.	30229248.	64762048.	46331136.	210556832.

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BOSTON EDISON COMPANY
RETAIL COST OF SERVICE STUDY
ACCOUNT 587 CUSTOMER INSTALLATION EXPENSES
12 MONTHS ENDED DECEMBER 31, 1991

VAL. #	RATE CODE	17055 AVG YR END # OF CUST. W/O DUP'S	17052 #SECONDARY W/O LIGHTING W/O DUP'S		AVG YR END # OF CUST.	17222 (a) ACCOUNT 587 X AVG CUST ($000)
3	R1 020 021 110	510,708	510,708		510,708	$4,319
4	R1 022 023	41,997	41,997		41,997	$355
30	TOTAL R1	552,705	552,705		552,705	$4,674
5	R2 030 031 032 033	6,699	6,699		6,699	$57
31	TOTAL R1/R2	559,404	559,404		559,404	$4,731
6	R1 224 225 226 227	118	118		118	$1
32	TOTAL RESIDENTIAL	559,522	559,522		559,522	$4,732
7	G1 011 013 016 018 078 217	54,916	54,916	DUP'S 191 193	55,879	$472
8	G2 019 079 112 113 130 214 215 234 274 314 374 430	23,667	23617	DUP'S 091 093 593 599	25,712	$217
9	G2 264 267 268	58	51		58	$1
33	TOTAL G2	23,745	23,668		25,770	$218
10	T2 617 627 677 707 717 777 907 917 977	1,463	1,364		1,463	$12
34	TOTAL G2/T2	25,208	25,032		27,233	$230
11	G3 407 417 477 507	457	0		457	$4
35	TOTAL GENERAL SERVICE	80,581	79,946		83,569	$706
13	MBTA 506	1	0		1	$0
14	MWRA 510	1	0		1	$0
15	S1 051 053 058	88	0		88	$1
16	S2 055 056	2,756	0		2,756	$23
17	S3 060 061	0	0	DUP'S 060 061	8,085	$68
36	TOTAL STREET LIGHTING	2,844	0		10,929	$92
37	TOTAL STATE	642,949	639,470		654,022	$5,530

* NOTE NEA IS NOT INCL. IN ABOVE.

(a) SOURCE: TRIAL BALANCE

RATE	AVG YR END # OF CUST.	SEC. W/O LIGHTING
R1 020	478,937	478,937
R1 021	31,014	31,014
R1 022	29,690	29,690
R1 023	12,307	12,307
R2 030	6,317	6,317
R2 031	129	129
R2 032	131	131
R2 033	122	122
R4 224	58	58
R4 225	40	40
R4 226	20	20
TOTAL RESIDENTIAL	558,765	558,765
G1 011	46,481	46,481
G1 013	44	44
G1 016	1,431	1,431
G1 018	6,856	6,856
G1 019	21,904	21,904
G2 112	36	36
G2 113 PRIMARY	1	0
G2 130	74	74
G2 214 PRIMARY	25	0
G2 234 PRIMARY	7	0
G2 264	51	51
G2 267 PRIMARY	4	0
G2 268 PRIMARY	3	0
G2 314 PRIMARY	23	0
G2 430	445	445
G3 407 HIGH TENSION	4	0
G3 417 HIGH TENSION	274	0
G3 507 H/T LOGAN	1	0
R1 110	757	757
T1 217	1	1
T2 617 PRIMARY	46	0
T2 627 PRIMARY	5	0
T2 707 PRIMARY	17	0
T2 717 PRIMARY	13	0
T2 907	56	56
T2 917	1,161	1,161
510 MWRA	1	0
512 NEA	1	0
TOTAL COMMERCIAL	79,722	79,297

RATE	AVG YR END # OF CUST.	SEC. W/O LIGHTING
G1 078	103	103
G2 079	1,158	1,158
G2 274 PRIMARY	10	0
G2 374 PRIMARY	3	0
G3 477 HIGH TENSION	178	0
T2 677 PRIMARY	17	0
T2 777 PRIMARY	1	0
T2 977	147	147
TOTAL INDUSTRIAL	1,617	1,408
S1 051	40	0
S1 053	44	0
S2 055	2,754	0
S2 056	2	0
TOTAL STREET LIGHTING	2,840	0
506 MBTA	1	0
TOTAL RAILROAD & RAILWAYS	1	0
G2 215 PRIMARY	1	0
S1 058 STREET LIGHTING	4	0
TOTAL MISCELLANEOUS	5	0
G1 191 (RESID'L)	166	166
G1 193 (COM'L)	797	797
G2 091 (RESID'L)	302	302
G2 093 (COM'L)	1,695	1,695
G2 593 (COM'L)	3	0
G2 599 (RESID'L)	25	25
S3 060 (RESID'L)	115	0
S3 061 (COM'L)	7,970	0
TOTAL DUPS	11,073	2,985
TOTAL W/O DUPLICATIONS	642,950	639,470
TOTAL INCLUDING DUPLICATIONS	654,023	642,455

SOURCE: CUSTOMER COUNT ADJUSTED FOR NURSING HOME RATE TRANSFERS

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YEAR-TO-DATE / AVERAGE
DECEMBER 1991

	RATE	REVENUE CODE	TOTAL	AVERAGE
1	R-1	020	5,747,327	478,944
2	R-1	021	372,202	31,017
3	R-1	022	356,486	29,707
4	R-1	023	147,678	12,307
5	R-2	030	75,807	6,317
6	R-2	031	1,543	129
7	R-2	032	1,571	131
8	R-2	033	1,467	122
9	R-4	224	693	58
10	R-4	225	481	40
11	R-4	226	236	20
12	TOTAL RESIDENTIAL		6,705,491	558,791
13	G-1	011	557,774	46,481
14	G-1	013	528	44
15	G-1	016	17,175	1,431
16	G-1	018	82,277	6,856
17	G-2	019	262,733	21,894
18	G-2	112	430	36
19	G-2	113	6	1
20	G-2	130	893	74
21	G-2	214	295	25
22	G-2	234	79	7
23	G-2	264	608	51
24	G-2	267	53	4
25	G-2	268	30	3
26	G-2	314	271	23
27	G-2	430	5,343	445
28	G-3	407	48	4
29	G-3	417	3,285	274
30	G-3	507	12	1
31	R-1	110	9,088	757
32	T-1	217	11	1
33	T-2	617	557	46
34	T-2	627	54	5
35	T-2	707	201	17
36	T-2	717	156	13
37	T-2	907	672	56
38	T-2	917	13,733	1,144
39	W-R	510	6	1
39	N-E	512	6	1
40	TOTAL COMMERCIAL		956,324	79,694
41	G-1	078	1,236	103
42	G-2	079	13,900	1,158
43	G-2	274	115	10
44	G-2	374	32	3
45	G-3	477	2,134	178
46	T-2	677	202	17
47	T-2	777	12	1
48	T-2	977	1,764	147
49	TOTAL INDUSTRIAL		19,395	1,616
				0
50	S-1	051	480	40
51	S-1	053	523	44
52	S-2	055	33,053	2,754
53	S-2	056	22	2
54	TOTAL STREET LIGHTING		34,078	2,840
55	M-T	506	12	1
56	TOTAL RAILROAD & RAILWAYS		12	1
57	G-2	215	10	1
58	S-1	058	48	4
59	S-8PR		24	2
60	PARTIAL REQUIREMENT		53	4
61	MUNICIPALS		168	14
62	TOTAL MISCELLANEOUS		303	25
63	TOTAL W/O DUPLICATIONS		7,715,603	642,967
64	G-1	191 (Resid'l)	1,991	166
65	G-1	193 (Com'l)	9,562	797
66	G-2	091 (Resid'l)	3,623	302
67	G-2	093 (Com'l)	20,340	1,695
68	G-2	593 (Com'l)	31	3
69	G-2	599 (Resid'l)	304	25
70	S-3	060 (Resid'l)	1,384	115
71	S-3	061 (Com'l)	95,644	7,970
72	PARTIAL REQUIREMENT		14	1
73	TOTAL DUPLICATIONS		132,893	11,074
74	TOTAL INCLUDING DUPLICATION		7,848,496	654,041

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BOSTON EDISON COMPANY - CUSTOMER COUNT
DECEMBER 1991

	RATE	REVENUE CODE	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	R-1	020	475,080	475,806	477,870	478,593	479,424
2	R-1	021	30,960	30,961	30,998	31,005	30,996
3	R-1	022	29,594	29,117	29,485	29,581	29,788
4	R-1	023	12,069	11,883	12,333	12,213	12,329
5	R-2	030	7,003	7,323	7,355	7,341	7,015
6	R-2	031	131	143	142	151	134
7	R-2	032	130	125	132	160	166
8	R-2	033	118	119	135	141	153
9	R-4	224	56	51	58	75	69
10	R-4	225	50	40	46	33	36
11	R-4	226	18	17	26	28	14
12	TOTAL RESIDENTIAL		555,209	555,585	558,580	559,321	560,124
13	G-1	011	46,224	46,501	46,739	46,392	46,629
14	G-1	013	44	44	44	44	44
15	G-1	016	1,369	1,369	2,060	1,397	1,397
16	G-1	018	6,719	6,746	7,071	7,027	7,159
17	G-2	019	21,924	21,975	22,226	21,257	21,426
18	G-2	112	33	34	50	33	35
19	G-2	113	0	0	0	0	0
20	G-2	130	77	73	73	71	79
21	G-2	214	23	28	24	26	22
22	G-2	234	7	5	7	6	6
23	G-2	264	49	50	46	37	65
24	G-2	267	3	7	2	4	1
25	G-2	268	0	0	3	9	2
26	G-2	314	22	24	22	29	24
27	G-2	430	386	529	441	335	474
28	G-3	407	4	4	4	4	4
29	G-3	417	270	273	278	274	275
30	G-3	507	1	1	1	1	1
31	R-1	110	751	758	729	806	769
32	T-1	217	0	2	0	2	0
33	T-2	617	48	47	45	49	49
34	T-2	627	5	5	5	5	5
35	T-2	707	16	17	17	17	15
36	T-2	717	12	14	13	13	13
37	T-2	907	57	55	56	56	57
38	T-2	917	1,160	1182	1187	1,188	1,213
39	W-R	510	1	1	1	1	1
40	N-E	512	0	4	1	1	0
41	TOTAL COMMERCIAL		79,205	79,748	81,145	79,084	79,765
42	G-1	078	104	102	101	86	123
43	G-2	079	1,148	1,105	1,203	1,151	1,058
44	G-2	274	8	8	6	7	19
45	G-2	374	3	1	3	2	2
46	G-3	477	179	182	179	180	176
47	T-2	677	17	17	17	16	16
48	T-2	777	1	1	1	0	2
49	T-2	977	147	146	147	146	149
	TOTAL INDUSTRIAL		1,607	1,562	1,657	1,568	1,545
50	S-1	051	40	40	40	40	40
51	S-1	053	45	42	43	43	43
52	S-2	055	2,765	2,758	2,803	2,809	2,750
53	S-2	056	2	2	2	2	2
54	TOTAL STREET LIGHTING		2,852	2,842	2,888	2,894	2,835
55	M-T	506	1	1	1	1	1
56	TOTAL RAILROAD & RAILWAYS		1	1	1	1	1
57	G-2	215	0	2	1	0	0
58	S-1	058	4	4	4	4	4
59	S-9		2	2	2	2	2
60	PARTIAL REQUIREMENT		5	7	7	5	6
61	MUNICIPALS		14	14	14	14	14
62	TOTAL MISCELLANEOUS		25	29	28	25	26
63	TOTAL W/O DUPLICATIONS		638,899	639,767	644,299	642,893	644,296
64	G-1	191 (Resid'l)	172	169	110	169	166
65	G-1	193 (Com'l)	785	790	850	817	823
66	G-2	091 (Resid'l)	301	312	286	286	306
67	G-2	093 (Com'l)	1,687	1,674	1,699	1,618	1,581
68	G-2	593 (Com'l)	3	2	2	2	1
69	G-2	599 (Resid'l)	33	22	20	20	15
70	S-3	060 (Resid'l)	114	113	113	105	119
71	S-3	061 (Com'l)	7,946	7,821	7,840	7,301	8,337
72	PARTIAL REQUIREMENT		1	2	2	1	1
73	TOTAL DUPLICATIONS		11,042	10,905	10,922	10,319	11,349
74	TOTAL INCLUDING DUPLICATION		649,941	650,672	655,221	653,212	655,645

DPU-4-40
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BOSTON EDISON COMPANY - CUSTOMER COUNT
DECEMBER 1991

RATE AND LOAD RESEARCH DEPT.
13-Jan-92

	RATE	REVENUE CODE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY
1	R-1	020	481,348	480,824	481,109	481,025	479,691	478,550	478,007
2	R-1	021	31,085	31,075	31,057	31,086	31,047	30,936	30,996
3	R-1	022	29,970	30,172	29,910	29,913	29,811	29,697	29,448
4	R-1	023	12,365	12,749	12,449	12,422	12,417	12,301	12,148
5	R-2	030	5,689	5,662	5,653	5,598	5,561	5,800	6,007
6	R-2	031	123	117	112	119	121	120	130
7	R-2	032	117	122	127	121	126	122	123
8	R-2	033	120	116	115	115	115	115	105
9	R-4	224	52	50	56	55	57	51	63
10	R-4	225	41	39	45	36	32	42	41
11	R-4	226	20	18	23	18	23	15	16
12	TOTAL RESIDENTIAL		560,930	560,944	560,656	560,508	559,001	557,549	557,084
13	G-1	011	46,483	46,682	46,651	46,381	46,576	46,401	46,115
14	G-1	013	44	44	44	44	44	44	44
15	G-1	016	1,369	1,369	1,369	1,369	1,369	1,369	1,369
16	G-1	018	6,689	6,792	6,909	6,854	6,840	6,716	6,755
17	G-2	019	21,261	22,447	22,354	22,391	22,372	21,664	21,436
18	G-2	112	32	27	45	29	35	39	38
19	G-2	113	1	1	1	1	1	1	0
20	G-2	130	66	87	78	68	73	75	73
21	G-2	214	16	30	23	15	40	25	23
22	G-2	234	9	8	6	8	5	6	6
23	G-2	264	36	53	52	65	47	62	46
24	G-2	267	10	3	4	5	12	1	1
25	G-2	268	0	11	0	2	1	1	1
26	G-2	314	18	24	21	20	30	20	17
27	G-2	430	410	497	455	468	521	390	437
28	G-3	407	4	4	4	4	4	4	4
29	G-3	417	283	276	263	276	264	272	281
30	G-3	507	1	1	1	1	1	1	1
31	R-1	110	752	753	750	757	756	751	756
32	T-1	217	1	0	2	1	0	2	1
33	T-2	617	44	46	44	47	45	48	45
34	T-2	627	3	3	3	4	6	4	6
35	T-2	707	17	17	17	17	17	17	17
36	T-2	717	15	12	12	13	13	13	13
37	T-2	907	56	55	55	55	55	54	61
38	T-2	917	1,103	1,090	1,092	1,098	1,121	1,140	1,159
39	W-R	510	0	0	0	0	0	0	1
40	N-E	512	0	0	0	0	0	0	0
41	TOTAL COMMERCIAL		78,723	80,332	80,255	79,993	80,248	79,120	78,706
42	G-1	078	118	126	100	108	84	107	97
43	G-2	079	1,182	1,226	1,201	1,208	1,151	1,146	1,121
44	G-2	274	10	7	13	9	8	8	12
45	G-2	374	2	4	3	3	3	2	4
46	G-3	477	174	180	176	176	179	178	175
47	T-2	677	17	17	17	17	16	18	17
48	T-2	777	1	1	1	1	0	1	2
49	T-2	977	151	148	147	141	143	150	149
	TOTAL INDUSTRIAL		1,655	1,709	1,658	1,663	1,584	1,610	1,577
50	S-1	051	40	40	40	40	40	40	40
51	S-1	053	44	44	44	44	44	44	43
52	S-2	055	2,721	2,883	2,736	2,092	2,785	2,935	3,016
53	S-2	056	2	2	2	0	2	2	2
54	TOTAL STREET LIGHTING		2,807	2,969	2,822	2,176	2,871	3,021	3,101
55	M-T	506	1	1	1	1	1	1	1
56	TOTAL RAILROAD & RAILWAYS		1	1	1	1	1	1	1
57	G-2	215	1	1	1	1	1	1	1
58	S-1	058	4	4	4	4	4	4	4
59	S-9		2	2	2	2	2	2	2
60	PARTIAL REQUIREMENT		4	5	3	3	3	3	2
61	MUNICIPALS		14	14	14	14	14	14	14
62	TOTAL MISCELLANEOUS		25	26	24	24	24	24	23
63	TOTAL W/O DUPLICATIONS		644,141	645,981	645,416	644,365	643,729	641,325	640,492
64	G-1	191 (Resid'l)	173	186	181	170	171	172	172
65	G-1	193 (Com'l)	765	798	783	806	753	808	784
66	G-2	091 (Resid'l)	301	332	307	304	299	300	289
67	G-2	093 (Com'l)	1,667	1,842	1,745	1,745	1,699	1,700	1,683
68	G-2	593 (Com'l)	3	3	3	3	3	2	4
69	G-2	599 (Resid'l)	29	28	27	26	30	32	22
70	S-3	060 (Resid'l)	123	122	116	115	114	114	116
71	S-3	061 (Com'l)	7,868	7,854	8,024	7,850	8,612	7,983	8,208
72	PARTIAL REQUIREMENT		1	1	1	1	1	1	1
73	TOTAL DUPLICATIONS		10,930	11,166	11,167	11,020	11,682	11,112	11,279
74	TOTAL INCLUDING DUPLICATION		655,071	657,147	656,583	655,385	655,411	652,437	651,771