Boston Edison Company
Transition Charge Calculation for 2001
2000 Update
$ in Millions

Year	GWH Delivered	Transition Charge Billed	**Revenues for Delivered GWH**	Fixed Component	Total Variable Component	Other Component	Prior Year Deferral	Interest on Deferral	**Expenses**	(Over) Under Collection
Col. A	Col. B	Col. C	**Col. D**	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K
Actual										Col J minus Col.D
1998										$ (53.318)
1999	14,050	2.626	**368.937**	125.052	184.664	-	(53.318)	(5.801)	**250.597**	(118.340)
2000	14,750	1.818	**268.179**	112.624	201.254	7.876	(118.340)	(12.875)	**190.538**	(77.641)
Forecast										
2001	**14,681**	**1.397**	**205.028**	**105.186**	**130.479**	**51.657**	**(77.641)**	**(8.447)**	**201.233**	**(3.795)**
2002	14,975	1.659	**248.375**	103.910	134.204	14.470	(3.795)	(0.413)	**248.375**	-
2003	15,274	1.559	**238.150**	98.459	126.781	12.910	-	-	**238.150**	-
2004	15,580	1.434	**223.448**	94.434	119.107	9.907	-	-	**223.448**	-
2005	15,891	1.775	**282.095**	89.493	185.983	6.619	-	-	**282.095**	-
2006	16,209	1.717	**278.313**	84.839	187.941	5.533	-	-	**278.313**	-
2007	16,533	1.657	**273.917**	79.942	189.533	4.442	-	-	**273.917**	-
2008	16,864	1.561	**263.212**	75.331	184.045	3.836	-	-	**263.212**	-
2009	17,201	1.510	**259.693**	70.409	186.509	2.775	-	-	**259.693**	-
2010	17,545	1.200	**210.506**	15.071	195.436	-	-	-	**210.506**	-
2011	17,896	0.961	**172.044**	-	172.044	-	-	-	**172.044**	-
2012	18,254	0.563	**102.808**	-	102.808	-	-	-	**102.808**	-
2013	18,619	0.545	**101.491**	-	101.491	-	-	-	**101.491**	-
2014	18,992	0.317	**60.206**	-	60.206	-	-	-	**60.206**	-
2015	19,371	0.353	**68.471**	-	68.471	-	-	-	**68.471**	-
2016	19,759	0.300	**59.280**	-	59.280	-	-	-	**59.280**	-

Col B: 2000 12 mos actual; Forecast 2001 sales; years beyond 2001 reflect 2% growth

Col C: 1999 & 2000: Col D / Col B; 2001 reflects actual tariff in effect; 2002 and later: Col J / Col B

Col D: 1999 & 2000 per Exh BEC-BKR-1, Pg 2; 2001 reflects original D.T.E. 00-82 filing; future years equal to Col J

Col E: Exh BEC-BKR-1, pg 3, col.F

Col.F: Exh BEC-BKR-1, Pg 4, Col Q

Col.G: Exh BEC-BKR-1, Pg 5, Col E

Col.H: Col. K prior year

Col.I: equals Col. H times 10.88% carrying charge

Col.J: Sum Col E thru Col I

Col K: 1998 per DTE 99-107

Boston Edison Company
Reconciliation Adjustment
1999 & 2000 Transition Revenues

Description	GWH	A/C #	Per Book $	Total
1999 Transition Billed Revenues:				
Residential Transition	3,811.154	44016	$ 103,955.3	
Industrial Transition	8,538.815	44243	40,931.9	
Commercial Transition (Including WR rate and Special C	1,532.101	44250	221,568.8	
Street Light Transition	129.812	44406	3,510.1	
Total Billed Revenues	14,011.882			**$369,966.1**
1999 Transition Unbilled Revenues:		Rate	Value	
Less 1998 Unbilled Revenues	418.3	$ 2.350	$ (9,830.1)	
Add 1999 Unbilled Revenues	456.0	$ 1.930	8,800.8	
Total Unbilled Revenues	37.7			**(1,029.3)**
Total 1999 Transition Revenues	14,049.582	$ 2.626		**$368,936.9**
2000 Transition Billed Revenues:				
Residential Transition	3,916.675	44016	$ 74,364.1	
Industrial Transition	1,605.741	44243	29,039.6	
Commercial Transition (Including WR rate and Special C	8,848.224	44250	157,754.3	
Street Light Transition	127.632	44406	2,429.4	
Total Billed Revenues	14,498.272			**$263,587.4**
2000 Transition Unbilled Revenues:		Rate	Value	
Less 1999 Unbilled Revenues	456.0	$ 1.930	$ (8,800.8)	
Add 2000 Unbilled Revenues	708.2	$ 1.891	13,392.1	
Total Unbilled Revenues	252.2			**4,591.3**
Total 2000 Transition Revenues	14,750.472	$ 1.818		**$268,178.6**

Boston Edison Company
Summary of Transition Charge
Securitized Fixed Component - 2000 Update
$ in Millions

Line #	Year		Securization Principal	Amort.	Interest & Expense	Residual Value Credit	Total
	Col. A		Col. B	Col. C	Col. D	Col. E	Col. F (Col. C + Col. D + Col. E)
1	1998			$ 121	$ 86	$ (62)	$ 146
2	1999	1/1 thru 7/28	Pre-Securitization	$ 69	$ 42	(33)	78
3	1999	7/28/1999	$ 725				
4	1999	7/29 thru 12/31	698	$ 27	$ 20	-	47
5	2000		629	69	43	-	113
6	2001		563	66	39	-	105
7	2002		494	69	35	-	104
8	2003		425	68	30	-	98
9	2004		357	69	26	-	94
10	2005		288	68	21	-	89
11	2006		220	69	16	-	85
12	2007		151	68	12	-	80
13	2008		83	69	7	-	75
14	2009		14	69	2	-	70
15	2010		-	14	1	-	15
16	Total Rate Reduction Bond Amortization			$ 725	$ 252	$ -	$ 977

Note: As a result of Securitization in 1999, amounts will not change through 2010

Boston Edison Company
Reconciliation Adjustment
Variable Component - 2000 Update
($ in Millions)

	Revenue Adjustments	Variable Cost Adjustments										
Year		Actual Nuclear NCIO	Actual Nuclear Decomm	Actual Power Total Obligations	Actual Power Contracts Market Value	Actual Purchased Power Contract Buyouts	Actual Above Market Fuel Transp Costs	Actual Payments in Lieu of Property Taxes	Actual Employee Severance and Retraining Costs	Revenue Credits & Damages, Costs, or net Recoveries from Claims	Actual PBR for Nuclear Units Remaining after Market Valuation	Actual Total Variable Component
Col. A		Col. H(a)	Col. H (b)	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P	Col. Q
3/98-5/98												
6/98-12/98												
1998		17.466	11.020	238.308	101.987	-	-	-	(9.999)	1.276	4.032	160.117
1/99-8/99		-	-	-	-	-	-	-	-	-	-	-
9/99-12/99		-	-	-	-	-	-	-	-	-	-	-
1999		23.000	7.257	347.938	185.361	-	-	-	19.564	(32.257)	4.522	184.664
2000		23.000	-	444.269	263.718	-	-	0.977	-	(3.274)	-	201.254
2001		-	-	441.485	321.999	-	-	14.094	-	(3.101)	-	130.479
2002		-	-	398.139	274.075	-	-	13.000	-	(2.860)	-	134.204
2003		-	-	359.507	242.865	-	-	13.000	-	(2.860)	-	126.781
2004		-	-	381.708	272.741	-	-	13.000	-	(2.860)	-	119.107
2005		-	-	300.288	124.055	-	-	12.500	-	(2.750)	-	185.983
2006		-	-	304.922	125.951	-	-	11.500	-	(2.530)	-	187.941
2007		-	-	305.779	120.926	-	-	6.000	-	(1.320)	-	189.533
2008		-	-	307.188	123.923	-	-	1.000	-	(0.220)	-	184.045
2009		-	-	312.981	127.252	-	-	1.000	-	(0.220)	-	186.509
2010		-	-	326.555	131.899	-	-	1.000	-	(0.220)	-	195.436
2011		-	-	273.098	101.833	-	-	1.000	-	(0.220)	-	172.044
2012		-	-	169.987	67.569	-	-	0.500	-	(0.110)	-	102.808
2013		-	-	170.844	69.353	-	-	-	-	-	-	101.491
2014		-	-	108.623	48.417	-	-	-	-	-	-	60.206
2015		-	-	118.075	49.603	-	-	-	-	-	-	68.471
2016		-	-	97.854	38.574	-	-	-	-	-	-	59.280
2017		-	-	-	-	-	-	-	-	-	-	-

Legend:

Col. H (a) 1998 per D.T.E. 98-111 Order dated 10/19/99, page 28; 1999 and 2000 per D.T.E. 96-23 Settlement
Col. H (b) 1998 per D.T.E. 98-111 Order dated 10/19/99, page 28; 1999 per books, accounts 40305 & 40307; zero for future years
Col. I Exh BEC-BKR-1, Pg 8, Col O
Col. J 1999 - 2004 = BEC-BKR-1, Pg 7, Col M less 6.86% line loss times transfer price; future years unchanged from DTE-99-107
Col. M 2000 reflects net payment made to Town of Plymouth; future years per tax agreement with Town of Plymouth approved in DTE 98-53
Col. N 1998 per DTE 99-107; 1999 per Exh. BEC-BKR-3
Col. O 1998 per DTE 99-107 RR-DTE-9; 1999 and 2000 per Exh BEC-2; future years 22% of Col M
Col. P Exh. BEC-BKR-4
Col. Q Col. H(a) + Col. H(b) + Col. I - Col. J + Col. K + Col. L + Col. M + Col. N + Col. O + Col. P

Boston Edison Company
Other Variable Costs
2000 Update

Year	Deferral of Transition Charge Date	Adjustment for Actual Generation Related Transmission	Transition Charge Mitigation Incentive	Total
Col. A	Col. B	Col. C	Col. D	Col. E
1998	-	0.901	-	0.901
1999		-	-	-
2000		-	-	-
2001		-	51.657	51.657
2002		-	14.470	14.470
2003		-	12.910	12.910
2004		-	9.907	9.907
2005		-	6.619	6.619
2006		-	5.533	5.533
2007		-	4.442	4.442
2008		-	3.836	3.836
2009		-	2.775	2.775
2010		-	-	-
2011	-	-	-	-
2012	-	-	-	-
2013	-	-	-	-
2014	-	-	-	-
2015	-	-	-	-
2016	-	-	-	-

Legend:

Col. B	Per DTE 99-107, Exh BEC-1, Pg 6
Col. C	Per DTE 99-107, Exh BEC-1, Pg 6
Col. D	Exh BEC-BKR-1, Pg 6
Col. E	Col. B + Col. C + Col. D

Boston Edison Company
Transition Charge - 2000 Update
Transition Charge Mitigation Incentive Mechanism

Line #	Year	Base Transition Charge (cents/kWh)	Cumulative Rolling Average Transition Charge (cents/kWh)	Cumulative Bonus Allowed	Nominal Annual Incremental Bonus Required	Impact on Transition Charge
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F
1	1998	3.08	3.08		-	-
2	1999	2.63	2.86		-	-
3	2000	1.818	2.51		-	-
4	2001	1.397	2.23	40.0	51.7	0.35
5	2002	1.589	2.10	50.5	14.5	0.10
6	2003	1.563	2.01	59.3	12.9	0.08
7	2004	1.457	1.93	65.6	9.9	0.06
8	2005	1.787	1.92	69.6	6.6	0.04
9	2006	1.726	1.89	72.7	5.5	0.03
10	2007	1.664	1.87	75.0	4.4	0.03
11	2008	1.560	1.84	76.9	3.8	0.02
12	2009	1.513	1.82	78.2	2.8	0.02
13						

Legend:

Col. B	per 1998 Transition Charge True-up	
Col. C	Cumulative average of current & prior years shown in Col. B	
Col. D	For any given year based upon cumulative average transition charge, interpolate bonus from the table below:	
Col. E	(Col. D current year - Col. D prior year) * (1 + WACC AT) ^ n, where n = number of years since 1998 +1, and WACC AT is the weighted cost of capital after-tax equal to	6.61%
Col. F	Col. E / GWH sales shown on Sch 1, Page 1, Col. B current year	

Assumptions:
1998 $ NPV Cumulative Bonus/(Penalty)

Rolling Average Access Charge

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1.00	$ 21	$ 38	$ 52	$ 63	$ 72	$ 80	$ 85	$ 90	$ 93	$ 96	$ 97	$ 98
1.20	20	36	49	60	68	76	81	86	89	91	92	93
1.40	19	34	47	57	65	72	77	81	84	86	88	88
1.60	18	32	44	53	61	68	73	77	79	81	83	83
1.80	17	31	41	50	58	64	68	72	75	77	78	78
2.00	16	29	39	47	54	60	64	68	70	72	73	74
2.20	14	25	34	41	47	52	56	59	61	62	63	64
2.40	12	21	29	35	40	44	47	50	51	53	54	54
2.60	10	17	23	28	33	36	39	41	42	43	44	44
2.80	8	13	18	22	25	28	30	32	33	34	34	34
3.00	5	10	13	16	18	20	22	23	24	24	25	25
3.20	3	6	8	10	11	12	13	14	14	15	15	15
3.40	1	2	3	3	4	4	4	5	5	5	5	5
3.50	0	0	0	0	0	0	0	0	0	0	0	0

Boston Edison Company
Summary of Transition Charge - 2000 Update
Annual Obligations in GWH

Line #	Year	Conn Yankee	Canal 1	Ocean State 1	Ocean State 2	NEA 1	NEA2	L'Energia	Mass Power	MBTA Jet 1	MBTA Jet 2	Pilgrim/ Entergy	Total Purchases
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M
	Share of Unit	9.5%	25%	23.5%	23.5%	46.6%	29%	73%	44.3%	100%	100%	78%	
1	1998		629	395	388	914	569	379	653	1	2		3,930
2	1999		838	362	372	1,150	733	179	796	3	3	1,983	6,420
3	2000 *		662	352	342	1,165	743		760	1	1	4,300	8,328
4	2001 **		638	423	424	1,167	726		794	2	3	3,891	8,068
5	2002			554	555	1,166	726		707	1	1	3,296	7,006
6	2003			533	534	1,167	726		755	2	1	1,831	5,548
7	2004			556	557	1,170	728		669	1	1	2,060	5,742
8	2005			533	545	1,167	726		732	1	1	175	3,879
9	2006			554	556	1,166	725		630		1	197	3,828
10	2007			533	534	1,166	725		644		1		3,602
11	2008			556	557	1,170	728		543		0		3,555
12	2009			556	557	1,170	728		543				3,555
13	2010			556	557	1,170	728		543				3,555
14	2011				418	1,170	546		543				2,678
15	2012					1,170			543				1,714
16	2013					1,170			543				1,714
17	2014					1,170							1,170
18	2015					1,170							1,170
19	2016					878							878
20	2017												
Termination Dates		6/29/2007	10/31/2001	12/31/2010	9/30/2011	9/14/2016	9/14/2011		12/31/201:	12/31/2005		12/31/2006	

* 2000 represents 12 months actual
** 2001 per updated forecast; 2002 forward per D.T.E. 99-107

Boston Edison Company
Power Contract Obligations - 2000 Update
Annual Obligations in Millions of Dollars
(Includes both Energy and Capacity costs)

Line #		Conn Yankee	Canal 1	Ocean State 1	Ocean State 2	NEA (A)	NEA (B)	L'Energia	Mass Power	MBTA Jet 1	MBTA Jet 2	Hydro Quebec 1&2	Mass Yankee	Pilgrim	Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
	Share of Unit	9.5%	25%	23.5%	23.5%	46.6%	29%	73.0%	44.3%	100.0%	100.0%	11.2%	9.5%	per contract	
1	1998	5	18	18	19	57	36	26	52	1	0	9	4		246
2	1999	5	28	19	19	75	52	13	52	1	1	10	5	69	348
3	2000 *	5	34	21	22	76	56	-	55	1	1	9	2	163	444
4	2001 **	6	34	26	27	76	63	-	62	1	1	9	-	137	441
5	2002	6	-	26	25	76	67	-	58	2	0	10	-	128	398
6	2003	6	-	23	27	76	72	-	61	2	3	9	-	80	360
7	2004	6	-	24	26	76	78	-	61	2	3	9	-	97	382
8	2005	6	-	24	26	76	84	-	65	2	3	8	-	7	300
9	2006	6	-	24	26	76	90	-	65	-	3	8	-	8	305
10	2007	6	-	24	25	76	97	-	68	-	3	8	-		306
11	2008	-	-	24	26	76	104	-	67	-	3	7	-		307
12	2009	-	-	24	26	78	112	-	66	-	-	7	-		313
13	2010	-	-	24	26	85	120	-	65	-	-	7	-		327
14	2011	-	-	-	19	86	97	-	64	-	-	6	-		273
15	2012	-	-	-	-	100	-	-	64	-	-	6	-		170
16	2013	-	-	-	-	102	-	-	63	-	-	5	-		171
17	2014	-	-	-	-	104	-	-	-	-	-	5	-		109
18	2015	-	-	-	-	113	-	-	-	-	-	5	-		118
19	2016	-	-	-	-	94	-	-	-	-	-	4	-		98

* 2000 represents 12 months actual

** 2001 per updated forecast; 2002 forward per DTE 99-107 except for Conn Yankee which has been reduced to reflect permanent shutdown