National Grid NH
Rate Design Filing
Summary of Proposed Rates including additional Revenue Requirement for 2009/10 Cast Iron/Bare Steel Approved in DG 10-139

		RESIDENTIAL			C & I High Winter Use			C & I Low Winter Use			
Line No.	Description	Non-Heat	Heat	Low Income (After Discount)	Small High Winter Use	Med High Winter Use	Large High Winter Use	Small Low Winter Use	Med Low Winter Use	Large Load Factor <90%	Large Load Factor >110%
		RNSH	RSH	RLIAP	SH	MH	LH	SL	ML	LLL90	LLG90
		R-1	R-3	R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54
	Eligibility										
1	Annual Usage, Therms	N/A	N/A	N/A	<=10,000	<=100,000	>100,000	<=10,000	<=100,000	>100,000	>100,000
2	Summer Usage, % of Annual	N/A	N/A	N/A	<=33%	<=33%	<=33%	>33%	>33%	>33%	>33%
3	Load Factor, Avg Use/Dec - Feb Avg Use	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<90%	>=90%
4											
5	**Customer Charge, $/Month**	$11.86	$17.16	$6.86	$40.37	$121.11	$519.77	$40.37	$121.11	$534.91	$534.91
6											
7	**Winter Rate**										
8	Head Block Size	N/A	100	100	100	1,000	N/A	100	1,000	N/A	N/A
9	Head Block Rate	$ 0.1567	$ 0.2714	$ 0.1086	$ 0.3222	$ 0.3011	$ 0.1849	$ 0.1724	$ 0.1667	$ 0.1190	$ 0.0411
10	Tail Block Rate	$ 0.1567	$ 0.2243	$ 0.0897	$ 0.2095	$ 0.1989	$ 0.1849	$ 0.1113	$ 0.1131	$ 0.1190	$ 0.0411
11											
12	**Summer Rate**										
13	Head Block Size	N/A	20	20	20	400	N/A	100	1,000	N/A	N/A
14	Head Block Rate	$ 0.1567	$ 0.2714	$ 0.1086	$ 0.3222	$ 0.3011	$ 0.0846	$ 0.1724	$ 0.1225	$ 0.0569	$ 0.0222
15	Tail Block Rate	$ 0.1567	$ 0.2243	$ 0.0897	$ 0.2095	$ 0.1989	$ 0.0846	$ 0.1113	$ 0.0705	$ 0.0569	$ 0.0222

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		Non-Heat	Heat	Low Income (Prior to Discount)	Small High Winter Use	Med High Winter Use	Large High Winter Use	Small Low Winter Use	Med Low Winter Use	Large Load Factor <90%	Large Load Factor >90%	Total
	Rate Designation	RNSH	RSH	RLIAP	SH	MH	LH	SL	ML	LLL90	LLG90	
1		R-1	R-3	R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54	
2	**Proposed Rates (Dry) - No R-4 Discount**											
3	Winter Head Block Size	10	100	100	100	1,000	0	100	1,000	0	-	
4	Summer Head Block Size	10	20	20	20	400	0	100	1,000	0	-	
5	Proposed Customer Charge	$11.75	$17.00	$17.00	$40.00	$120.00	$515.00	$40.00	$120.00	$530.00	$530.00	
6	Proposed Winter Head Block Rate	$0.15530	$0.26890	$0.26890	$0.31920	$0.29830	$0.18320	$0.17080	$0.16520	$0.11790	$0.04070	
7	Proposed WinterTail Block Rate	$0.15530	$0.22220	$0.22220	$0.20760	$0.19710	$0.18320	$0.11030	$0.11210	$0.11790	$0.04070	
8	Proposed Summer Head Block Rate	$0.15530	$0.26890	$0.26890	$0.31920	$0.29830	$0.08380	$0.17080	$0.12140	$0.05640	$0.02200	
9	Proposed SummerTail Block Rate	$0.15530	$0.22220	$0.22220	$0.20760	$0.19710	$0.08380	$0.11030	$0.06990	$0.05640	$0.02200	
10												
11	**Total Sales and Transportation (Dry)**											
12	**Test Year Normal (After Weather Normalization)**											
13	Winter Bills	26,322	380,396	34,456	45,202	8,837	244	7,714	1,838	207	123	505,339
14	Summer Bills	27,468	386,374	32,235	45,156	8,968	236	7,981	1,872	216	123	510,629
15	Winter Sales, Therms	694,780	41,997,131	3,909,726	15,717,608	24,799,619	5,702,562	2,454,019	4,155,286	5,254,414	7,794,410	112,479,555
16	Summer Sales, Therms	352,122	9,662,537	770,255	2,503,058	5,538,175	1,862,758	1,290,733	2,519,576	3,658,766	8,134,354	36,292,334
17	Total Annual Sales	1,046,902	51,659,668	4,679,981	18,220,666	30,337,794	7,565,321	3,744,752	6,674,862	8,913,180	15,928,764	**148,771,890**
18	Winter Head Block Therms	237,862	28,839,430	2,833,378	3,655,916	8,278,113	-	575,467	1,710,731	-	0	46,130,897
19	Summer Head Block Therms	199,301	5,680,605	391,675	428,523	2,139,951	-	413,938	1,449,512	-	0	10,703,506
20												
21												
22	**Billed Revenue**											
23	Winter Customer Charge Revenue	309,279	6,466,730	585,744	1,808,063	1,060,492	125,814	308,564	220,620	109,710	65,420	11,060,436
24	Summer Customer Charge Revenue	322,747	6,568,361	548,001	1,806,220	1,076,144	121,712	319,251	224,668	114,692	64,960	11,166,755
25	Subtotal Customer Charge Revenue	632,025	13,035,091	1,133,745	3,614,283	2,136,636	247,526	627,815	445,288	224,402	130,380	22,227,191
26												
27	Winter Head Block Revenue	36,940	7,754,923	761,895	1,166,968	2,469,361	-	98,290	282,613	-	0	12,570,990
28	Tail Block Winter Therm Revenue	70,959	2,923,641	239,164	2,504,007	3,256,389	1,044,709	207,204	274,035	619,495	317,038	11,456,643
29	Subtotal Winter Therm Revenue	107,899	10,678,564	1,001,060	3,670,976	5,725,750	1,044,709	305,494	556,647	619,495	317,038	24,027,633
30												
31	Summer Head Block Revenue	30,951	1,527,515	105,321	136,785	638,347	-	70,701	175,971	-	0	2,685,591
32	Tail Block Summer Therm Revenue	23,733	884,785	84,121	430,673	669,790	156,099	96,711	74,797	206,354	178,904	2,805,967
33	Subtotal Summer Therm Revenues	54,685	2,412,300	189,442	567,458	1,308,137	156,099	167,411	250,768	206,354	178,904	5,491,558
34												
35	Total Annual Revenues	794,609	26,125,955	2,324,246	7,852,716	9,170,523	1,448,335	1,100,720	1,252,704	1,050,252	626,322	51,746,382

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Line No.	**Description**	**Non-Heat**	**Heat**	**Low Income (Prior to Discount)**	**Small High Winter Use**	**Med High Winter Use**	**Large High Winter Use**	**Small Low Winter Use**	**Med Low Winter Use**	**Large Load Factor <90%**	**Large Load Factor >90%**	**Total**
36												
37	DG 10-139 CI BS Annual Revenue Increase											479,462
38												
39	Allocation based on Base Revenues	1.5%	50.5%	4.5%	15.2%	17.7%	2.8%	2.1%	2.4%	2.0%	1.2%	
40	Spread CI BS DG 10-139 Increase	7,363	242,073	21,536	72,760	84,971	13,420	10,199	11,607	9,731	5,803	479,462
41												
42	CI BS Increase	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%
43												
44	Increase Each Rate Component											
45												
46	Proposed Customer Charge	$11.86	$17.16	$17.16	$40.37	$121.11	$519.77	$40.37	$121.11	$534.91	$534.91	
47	Proposed Winter Head Block Rate	$0.1567	$0.2714	$0.2714	$0.3222	$0.3011	$0.1849	$0.1724	$0.1667	$0.1190	$0.0411	
48	Proposed WinterTail Block Rate	$0.1567	$0.2243	$0.2243	$0.2095	$0.1989	$0.1849	$0.1113	$0.1131	$0.1190	$0.0411	
49	Proposed Summer Head Block Rate	$0.1567	$0.2714	$0.2714	$0.3222	$0.3011	$0.0846	$0.1724	$0.1225	$0.0569	$0.0222	
50	Proposed SummerTail Block Rate	$0.1567	$0.2243	$0.2243	$0.2095	$0.1989	$0.0846	$0.1113	$0.0705	$0.0569	$0.0222	
51												
52	Billed Revenue with CI/BS DG 10-139											
53												
54	Winter Customer Charge Revenue	312,174	6,527,594	591,257	1,824,787	1,070,302	126,980	311,418	222,661	110,726	66,026	11,163,924
55	Summer Customer Charge Revenue	325,768	6,630,181	553,158	1,822,928	1,086,098	122,839	322,204	226,746	115,755	65,562	11,271,239
56	Subtotal Customer Charge Revenue	637,942	13,157,774	1,144,415	3,647,715	2,156,400	249,819	633,622	449,407	226,481	131,588	22,435,163
57												
58	Winter Head Block Revenue	37,273	7,827,021	768,979	1,177,936	2,492,540	-	99,211	285,179	-	-	
59	Tail Block Winter Therm Revenue	71,599	2,951,272	241,425	2,526,925	3,286,128	1,054,404	209,083	276,479	625,275	320,350	11,562,745
60	Subtotal Winter Therm Revenue	108,872	10,778,294	1,010,404	3,704,861	5,778,667	1,054,404	308,293	561,658	625,275	320,350	24,250,884
61												
62	Summer Head Block Revenue	31,230	1,541,716	106,301	138,070	644,339	-	71,363	177,565	-	-	
63	Tail Block Summer Therm Revenue	23,947	893,147	84,916	434,615	675,907	157,589	97,587	75,440	208,184	180,583	
64	Subtotal Summer Therm Revenues	55,178	2,434,864	191,216	572,685	1,320,246	157,589	168,950	253,005	208,184	180,583	
65												
66	Total Annual Revenues	801,992	26,370,932	2,346,035	7,925,261	9,255,313	1,461,812	1,110,866	1,264,070	1,059,940	632,521	52,228,494
67												
68	Increase	7,382	244,977	21,789	72,544	84,790	13,477	10,146	11,366	9,688	6,199	482,111
69	% Increase	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	1.0%	