

Appendix C

Derivation of HFO Distribution Rate

On May 26, 2009, the Board issued its decision in the matter of a Review of Enbridge Gas New Brunswick's Market-based Formula (NBEUB 2009-002). In its decision, the Board accepted the formula as proposed by EGNB and provided detailed steps regarding how the market-based formula was to be used.

- market data for each of the 12 months included in the application would be collected each market day for two calendar months and an average of each of the 12 months of prices would be calculated. This approach would be used for West Texas Intermediate Crude Oil ("WTI"), natural gas and exchange rates for the purpose of deriving the HFO rate.
- most recent two calendar months of August and September 2011 for WTI, natural gas and exchange rates.
- WTI oil prices have been converted to Canadian dollars and the percentage factor approved by the Board has been applied
- 12-month weighted average EVP price has been determined for use in the derivation of the HFO rate as directed by the Board in its April 30, 2010 decision.
- consumption data for the period of October 2010 to September 2011 for the purpose of determining Typical Annual Natural Gas Consumption and Contract Demand was used. EGNB has included the customers as proposed in its evidence in the NBEUB 2009-002 proceeding and subsequently clarified by the Board in its April 30, 2010 NBEUB 2009-017 Decision.

The following table illustrates the derivation of EGNB's HFO distribution rate at the time of the application using the above noted requirements approved in the May 26, 2009 decision by the Board.

Derivation of Distribution Rates- Oil			
	Units	Calculation	HFO
1 Alternative Energy Price	CAN\$/l	Retail Oil Price	\$0.3924
2 Assumed Efficiency factor		Assigned	100%
3 Typical Annual Oil Consumption	GJs/year	Line 10 / Line 2	130,884
4 Conversion Factor	l/GJ	Assigned	23.9636
5 Typical Annual Consumption	in litres	Line 3 x Line 4	3,136,462.71
6 Total Alternative Energy Cost	\$/ year	Line 1 x Line 5	\$1,230,747.97
7 Target Savings Level	%	Assigned	5%
8 Target Savings Amount	\$	Line 6 x Line 7	\$61,537.40
9 Target Natural Gas Cost	\$	Line 6 - Line 8	\$1,169,210.57
10 Typical Annual Natural Gas Consumption	GJs/ year	Typical Customer	130,884
11 Target Burner Tip Price	\$/GJ	Line 9 / 10	\$8.9332
12 Commodity Cost	\$/GJ	EUG or EVP price	\$6.1535
13 Target Distribution Rate	\$/GJ	Line 11 - Line 13	\$2.7797
<hr/>			
14 Target Annual Distribution Charge	\$	Line 13 x Line 10	\$363,819.52
15 Monthly Customer Charge	\$	Assigned	
16 Annual Customer Charge	\$	Line 15 * 12	
17 Average Contract Demand	GJs	Average	808.2
18 Contract Demand Charge	\$	Assigned	\$3.90
19 Revenue from Demand Charge	\$	Line 17 * Line 18 * 12	\$37,823.76
20 Target Revenue From Delivery Charge	\$	Line 14 - Lines 16 or 19	\$325,995.76
21 Distribution Delivery Charge	\$/GJ	Line 20/Line 10	\$2.4907

WTI Crude Oil Pricing

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
3-Aug-2011	92.33	92.78	93.24	93.67	94.11	94.56	95.00	95.43	95.84	96.22	96.51	96.77
4-Aug-2011	87.04	87.49	87.96	88.43	88.90	89.38	89.85	90.32	90.77	91.19	91.52	91.82
5-Aug-2011	87.30	87.80	88.29	88.78	89.26	89.75	90.24	90.72	91.17	91.62	91.98	92.32
8-Aug-2011	81.70	82.20	82.70	83.22	83.73	84.24	84.77	85.26	85.74	86.21	86.60	86.96
9-Aug-2011	79.67	80.14	80.61	81.11	81.58	82.06	82.55	83.03	83.48	83.92	84.28	84.62
10-Aug-2011	83.25	83.71	84.14	84.58	84.99	85.40	85.82	86.22	86.59	86.95	87.24	87.51
11-Aug-2011	86.04	86.43	86.82	87.22	87.57	87.93	88.30	88.67	89.04	89.41	89.70	89.97
12-Aug-2011	85.69	86.05	86.44	86.84	87.22	87.60	88.00	88.40	88.78	89.17	89.47	89.72
15-Aug-2011	88.14	88.47	88.85	89.22	89.58	89.96	90.34	90.72	91.08	91.44	91.71	91.93
16-Aug-2011	86.85	87.18	87.56	87.92	88.28	88.66	89.04	89.44	89.81	90.17	90.44	90.66
17-Aug-2011	87.73	88.05	88.42	88.76	89.10	89.47	89.85	90.24	90.61	90.96	91.22	91.43
18-Aug-2011	82.51	82.83	83.19	83.54	83.91	84.31	84.71	85.12	85.52	85.90	86.18	86.40
19-Aug-2011	82.41	82.77	83.17	83.58	84.01	84.47	84.93	85.39	85.84	86.26	86.57	86.82
22-Aug-2011	84.42	84.69	85.03	85.42	85.84	86.27	86.71	87.15	87.57	87.96	88.23	88.45
23-Aug-2011	85.44	85.74	86.11	86.51	86.94	87.37	87.81	88.25	88.67	89.06	89.33	89.55
24-Aug-2011	85.16	85.53	85.94	86.37	86.82	87.27	87.73	88.18	88.62	89.03	89.34	89.59
25-Aug-2011	85.30	85.64	86.02	86.44	86.88	87.33	87.79	88.25	88.70	89.12	89.44	89.71
26-Aug-2011	85.37	85.70	86.06	86.45	86.86	87.28	87.71	88.14	88.56	88.97	89.29	89.55
29-Aug-2011	87.27	87.57	87.87	88.21	88.57	88.93	89.32	89.71	90.08	90.43	90.68	90.90
30-Aug-2011	88.90	89.19	89.50	89.81	90.14	90.47	90.81	91.16	91.50	91.83	92.09	92.28
31-Aug-2011	88.81	89.16	89.57	89.88	90.13	90.35	90.57	90.78	91.00	91.21	91.37	91.49
1-Sep-2011	88.93	89.24	89.62	89.94	90.22	90.48	90.71	90.92	91.13	91.34	91.50	91.63
2-Sep-2011	86.45	86.74	87.13	87.46	87.76	88.03	88.28	88.52	88.76	88.99	89.18	89.34
6-Sep-2011	86.02	86.31	86.70	87.05	87.37	87.65	87.91	88.15	88.39	88.63	88.83	89.01
7-Sep-2011	89.34	89.55	89.86	90.14	90.39	90.62	90.83	91.02	91.20	91.39	91.54	91.67
8-Sep-2011	89.05	89.23	89.49	89.70	89.92	90.13	90.32	90.51	90.69	90.88	91.03	91.16
9-Sep-2011	87.24	87.41	87.68	87.93	88.18	88.43	88.67	88.92	89.17	89.40	89.58	89.75
12-Sep-2011	88.19	88.31	88.46	88.64	88.82	89.01	89.21	89.40	89.58	89.76	89.90	90.03
13-Sep-2011	90.21	90.28	90.39	90.52	90.66	90.80	90.94	91.09	91.24	91.40	91.51	91.63
14-Sep-2011	88.91	89.01	89.16	89.36	89.55	89.73	89.92	90.13	90.36	90.58	90.75	90.93
15-Sep-2011	89.40	89.59	89.81	90.03	90.24	90.44	90.65	90.87	91.10	91.33	91.51	91.69
16-Sep-2011	87.96	88.18	88.44	88.73	89.00	89.27	89.53	89.79	90.06	90.32	90.52	90.71
19-Sep-2011	85.70	85.81	86.03	86.27	86.51	86.76	87.02	87.28	87.55	87.82	88.03	88.23
20-Sep-2011	86.89	86.92	87.17	87.43	87.68	87.94	88.22	88.51	88.81	89.09	89.31	89.52
21-Sep-2011		85.92	86.18	86.46	86.73	87.00	87.28	87.58	87.88	88.16	88.39	88.61
22-Sep-2011		80.51	80.75	80.99	81.23	81.49	81.78	82.10	82.43	82.73	82.98	83.21
23-Sep-2011		79.85	80.12	80.40	80.69	81.00	81.31	81.65	82.00	82.31	82.58	82.83
26-Sep-2011		80.24	80.48	80.73	80.98	81.23	81.50	81.78	82.07	82.34	82.57	82.79
27-Sep-2011		84.45	84.68	84.94	85.17	85.38	85.59	85.82	86.06	86.29	86.49	86.68
28-Sep-2011		81.21	81.46	81.73	82.00	82.28	82.55	82.85	83.15	83.43	83.66	83.89
29-Sep-2011		82.14	82.34	82.55	82.75	82.98	83.21	83.49	83.76	84.03	84.25	84.48
30-Sep-2011		79.20	79.33	79.46	79.60	79.80	80.02	80.29	80.56	80.84	81.09	81.35
Average	86.8900	85.9338	86.2564	86.5814	86.9017	87.2264	87.5548	87.8869	88.2124	88.5260	88.7712	88.9902
72.00% US\$/bbl	62.5608	61.8723	62.1046	62.3386	62.5692	62.8030	63.0395	63.2786	63.5129	63.7387	63.9153	64.0729
HFO \$Can/bbl	62.1041	61.4206	61.8438	62.0768	62.3064	62.6083	62.8441	63.0824	63.3859	63.6112	63.7875	64.0152
HFO \$Can/Litre	0.3906	0.3863	0.3890	0.3905	0.3919	0.3938	0.3953	0.3968	0.3987	0.4001	0.4012	0.4026
HFO Profile	6.74%	10.13%	12.87%	16.11%	14.55%	14.27%	9.31%	5.96%	2.83%	2.29%	2.32%	2.62%
	\$ 0.0263	\$ 0.0391	\$ 0.0501	\$ 0.0629	\$ 0.0570	\$ 0.0562	\$ 0.0368	\$ 0.0237	\$ 0.0113	\$ 0.0092	\$ 0.0093	\$ 0.0105
Average Price	0.3924											

Natural Gas Pricing

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
3-Aug-2011	4.102	4.222	4.425	4.524	4.528	4.499	4.443	4.465	4.500	4.542	4.570	4.578
4-Aug-2011	3.955	4.090	4.297	4.398	4.403	4.377	4.332	4.357	4.393	4.435	4.463	4.471
5-Aug-2011	3.962	4.113	4.330	4.432	4.435	4.409	4.369	4.394	4.429	4.471	4.498	4.505
8-Aug-2011	3.957	4.115	4.340	4.439	4.441	4.414	4.371	4.397	4.430	4.470	4.497	4.503
9-Aug-2011	4.015	4.167	4.388	4.485	4.486	4.458	4.413	4.439	4.471	4.510	4.534	4.538
10-Aug-2011	4.024	4.181	4.402	4.497	4.497	4.467	4.418	4.443	4.474	4.512	4.535	4.539
11-Aug-2011	4.127	4.279	4.497	4.586	4.584	4.545	4.493	4.517	4.548	4.587	4.610	4.613
12-Aug-2011	4.071	4.219	4.441	4.529	4.531	4.495	4.450	4.477	4.511	4.552	4.574	4.576
15-Aug-2011	4.039	4.184	4.411	4.505	4.508	4.474	4.432	4.459	4.494	4.535	4.558	4.563
16-Aug-2011	3.942	4.090	4.322	4.425	4.426	4.400	4.371	4.400	4.438	4.481	4.506	4.512
17-Aug-2011	3.943	4.084	4.313	4.417	4.417	4.389	4.360	4.388	4.425	4.468	4.493	4.499
18-Aug-2011	3.899	4.038	4.271	4.377	4.379	4.349	4.322	4.350	4.388	4.432	4.456	4.464
19-Aug-2011	3.941	4.075	4.307	4.412	4.412	4.378	4.344	4.371	4.409	4.452	4.475	4.483
22-Aug-2011	3.869	3.991	4.225	4.330	4.330	4.296	4.263	4.290	4.328	4.371	4.395	4.403
23-Aug-2011	3.968	4.070	4.276	4.376	4.377	4.340	4.305	4.331	4.368	4.411	4.435	4.442
24-Aug-2011	3.889	3.996	4.203	4.307	4.308	4.274	4.243	4.269	4.306	4.349	4.373	4.380
25-Aug-2011	3.906	4.025	4.244	4.352	4.354	4.316	4.282	4.307	4.344	4.387	4.412	4.417
26-Aug-2011	3.912	4.047	4.273	4.386	4.389	4.350	4.317	4.342	4.380	4.424	4.450	4.455
29-Aug-2011	3.830	3.955	4.187	4.301	4.306	4.270	4.241	4.269	4.309	4.355	4.381	4.386
30-Aug-2011	3.909	4.024	4.243	4.355	4.359	4.323	4.295	4.325	4.365	4.410	4.436	4.442
31-Aug-2011	4.054	4.173	4.386	4.498	4.502	4.465	4.433	4.462	4.502	4.547	4.573	4.578
1-Sep-2011	4.050	4.166	4.381	4.497	4.502	4.468	4.440	4.469	4.510	4.555	4.581	4.586
2-Sep-2011	3.872	3.990	4.211	4.334	4.341	4.307	4.285	4.315	4.358	4.405	4.433	4.440
6-Sep-2011	3.938	4.043	4.259	4.383	4.390	4.359	4.344	4.373	4.414	4.460	4.487	4.492
7-Sep-2011	3.940	4.045	4.251	4.374	4.384	4.353	4.326	4.355	4.397	4.443	4.471	4.476
8-Sep-2011	3.980	4.068	4.265	4.379	4.393	4.365	4.338	4.365	4.407	4.453	4.481	4.486
9-Sep-2011	3.915	3.998	4.196	4.308	4.324	4.298	4.276	4.305	4.347	4.393	4.421	4.426
12-Sep-2011	3.885	3.966	4.172	4.292	4.310	4.285	4.262	4.290	4.332	4.378	4.406	4.411
13-Sep-2011	3.980	4.054	4.257	4.374	4.391	4.363	4.335	4.361	4.401	4.445	4.472	4.477
14-Sep-2011	4.039	4.117	4.317	4.434	4.451	4.420	4.384	4.409	4.448	4.490	4.515	4.519
15-Sep-2011	3.878	3.981	4.195	4.323	4.342	4.313	4.289	4.319	4.361	4.406	4.431	4.434
16-Sep-2011	3.809	3.922	4.155	4.290	4.307	4.279	4.257	4.289	4.331	4.376	4.401	4.404
19-Sep-2011	3.829	3.932	4.172	4.311	4.327	4.300	4.280	4.311	4.352	4.397	4.422	4.425
20-Sep-2011	3.798	3.885	4.142	4.286	4.303	4.275	4.256	4.287	4.328	4.373	4.398	4.401
21-Sep-2011	3.730	3.820	4.099	4.252	4.268	4.238	4.227	4.262	4.305	4.351	4.376	4.379
22-Sep-2011	3.705	3.782	4.045	4.183	4.201	4.172	4.164	4.199	4.240	4.285	4.310	4.313
23-Sep-2011	3.701	3.766	4.021	4.159	4.176	4.147	4.139	4.173	4.215	4.259	4.284	4.288
26-Sep-2011	3.782	3.845	4.097	4.239	4.257	4.226	4.215	4.249	4.290	4.333	4.357	4.359
27-Sep-2011	3.827	3.875	4.104	4.242	4.261	4.228	4.214	4.248	4.289	4.333	4.358	4.361
28-Sep-2011	3.759	3.799	4.041	4.185	4.203	4.170	4.158	4.192	4.233	4.278	4.303	4.306
29-Sep-2011		3.747	4.015	4.162	4.181	4.147	4.134	4.167	4.206	4.249	4.272	4.275
30-Sep-2011		3.666	3.962	4.123	4.142	4.110	4.097	4.129	4.168	4.212	4.236	4.239
Average	3.7590	4.0144	4.2414	4.3586	4.3673	4.3360	4.3075	4.3362	4.3749	4.4185	4.4438	4.4487

Foreign Exchange

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
3-Aug-2011	1.0377	1.0377	1.0357	1.0357	1.0357	1.0336	1.0336	1.0336	1.0315	1.0315	1.0315	1.0293
4-Aug-2011	1.0204	1.0204	1.0186	1.0186	1.0186	1.0167	1.0167	1.0167	1.0149	1.0149	1.0149	1.0130
5-Aug-2011	1.0198	1.0198	1.0179	1.0179	1.0179	1.0167	1.0167	1.0167	1.0149	1.0149	1.0149	1.0130
8-Aug-2011	1.0064	1.0064	1.0050	1.0050	1.0050	1.0044	1.0044	1.0044	1.0034	1.0034	1.0034	1.0022
9-Aug-2011	1.0050	1.0050	1.0034	1.0034	1.0034	1.0028	1.0028	1.0028	1.0015	1.0015	1.0015	1.0003
10-Aug-2011	1.0096	1.0096	1.0080	1.0080	1.0080	1.0074	1.0074	1.0074	1.0065	1.0065	1.0065	1.0053
11-Aug-2011	1.0127	1.0127	1.0110	1.0110	1.0110	1.0101	1.0101	1.0101	1.0094	1.0094	1.0094	1.0079
12-Aug-2011	1.0089	1.0089	1.0072	1.0072	1.0072	1.0062	1.0062	1.0062	1.0051	1.0051	1.0051	1.0036
15-Aug-2011	1.0184	1.0184	1.0166	1.0166	1.0166	1.0152	1.0152	1.0152	1.0140	1.0140	1.0140	1.0128
16-Aug-2011	1.0165	1.0165	1.0146	1.0146	1.0146	1.0132	1.0132	1.0132	1.0119	1.0119	1.0119	1.0106
17-Aug-2011	1.0191	1.0191	1.0173	1.0173	1.0173	1.0159	1.0159	1.0159	1.0145	1.0145	1.0145	1.0131
18-Aug-2011	1.0091	1.0091	1.0075	1.0075	1.0075	1.0066	1.0066	1.0066	1.0055	1.0055	1.0055	1.0045
19-Aug-2011	1.0098	1.0098	1.0082	1.0082	1.0082	1.0074	1.0074	1.0074	1.0063	1.0063	1.0063	1.0053
22-Aug-2011	1.0102	1.0102	1.0085	1.0085	1.0085	1.0077	1.0077	1.0077	1.0068	1.0068	1.0068	1.0059
23-Aug-2011	1.0106	1.0106	1.0089	1.0089	1.0089	1.0082	1.0082	1.0082	1.0077	1.0077	1.0077	1.0065
24-Aug-2011	1.0111	1.0111	1.0093	1.0093	1.0093	1.0083	1.0083	1.0083	1.0073	1.0073	1.0073	1.0063
25-Aug-2011	1.0116	1.0116	1.0098	1.0098	1.0098	1.0089	1.0089	1.0089	1.0077	1.0077	1.0077	1.0065
26-Aug-2011	1.0146	1.0146	1.0128	1.0128	1.0128	1.0117	1.0117	1.0117	1.0103	1.0103	1.0103	1.0096
29-Aug-2011	1.0213	1.0213	1.0194	1.0194	1.0194	1.0183	1.0183	1.0183	1.0168	1.0168	1.0168	1.0160
30-Aug-2011	1.0217	1.0217	1.0199	1.0199	1.0199	1.0184	1.0184	1.0184	1.0169	1.0169	1.0169	1.0160
31-Aug-2011	1.0208	1.0208	1.0189	1.0189	1.0189	1.0174	1.0174	1.0174	1.0160	1.0160	1.0160	1.0146
1-Sep-2011	1.0248	1.0248	1.0228	1.0228	1.0228	1.0215	1.0215	1.0215	1.0202	1.0202	1.0202	1.0191
2-Sep-2011	1.0154	1.0154	1.0134	1.0134	1.0134	1.0121	1.0121	1.0121	1.0108	1.0108	1.0108	1.0097
6-Sep-2011	1.0097	1.0097	1.0079	1.0079	1.0079	1.0070	1.0070	1.0070	1.0059	1.0059	1.0059	1.0049
7-Sep-2011	1.0141	1.0141	1.0122	1.0122	1.0122	1.0113	1.0113	1.0113	1.0103	1.0103	1.0103	1.0091
8-Sep-2011	1.0108	1.0108	1.0089	1.0089	1.0089	1.0076	1.0076	1.0076	1.0065	1.0065	1.0065	1.0059
9-Sep-2011	1.0025	1.0025	1.0007	1.0007	1.0007	1.0001	1.0001	1.0001	0.9996	0.9996	0.9996	0.9988
12-Sep-2011	1.0027	1.0027	1.0009	1.0009	1.0009	1.0004	1.0004	1.0004	0.9996	0.9996	0.9996	0.9991
13-Sep-2011	1.0134	1.0134	1.0116	1.0116	1.0116	1.0105	1.0105	1.0105	1.0094	1.0094	1.0094	1.0084
14-Sep-2011	1.0101	1.0101	1.0082	1.0082	1.0082	1.0074	1.0074	1.0074	1.0065	1.0065	1.0065	1.0055
15-Sep-2011	1.0163	1.0163	1.0143	1.0143	1.0143	1.0131	1.0131	1.0131	1.0119	1.0119	1.0119	1.0106
16-Sep-2011	1.0207	1.0207	1.0188	1.0188	1.0188	1.0175	1.0175	1.0175	1.0160	1.0160	1.0160	1.0145
19-Sep-2011	1.0090	1.0090	1.0071	1.0071	1.0071	1.0058	1.0058	1.0058	1.0043	1.0043	1.0043	1.0028
20-Sep-2011	1.0074	1.0074	1.0068	1.0068	1.0068	1.0055	1.0055	1.0055	1.0045	1.0045	1.0045	1.0031
21-Sep-2011			0.9949	0.9949	0.9949	0.9937	0.9937	0.9937	0.9926	0.9926	0.9926	0.9913
22-Sep-2011			0.9686	0.9686	0.9686	0.9677	0.9677	0.9677	0.9673	0.9673	0.9673	0.9666
23-Sep-2011			0.9669	0.9669	0.9669	0.9660	0.9660	0.9660	0.9656	0.9656	0.9656	0.9650
26-Sep-2011			0.9665	0.9665	0.9665	0.9651	0.9651	0.9651	0.9646	0.9646	0.9646	0.9640
27-Sep-2011			0.9814	0.9814	0.9814	0.9800	0.9800	0.9800	0.9792	0.9792	0.9792	0.9785
28-Sep-2011			0.9702	0.9702	0.9702	0.9690	0.9690	0.9690	0.9682	0.9682	0.9682	0.9671
29-Sep-2011			0.9609	0.9609	0.9609	0.9598	0.9598	0.9598	0.9592	0.9592	0.9592	0.9584
30-Sep-2011			0.9561	0.9561	0.9561	0.9550	0.9550	0.9550	0.9544	0.9544	0.9544	0.9536

Average US/Can	\$1.0074	\$1.0074	\$1.0042	\$1.0042	\$1.0042	\$1.0031	\$1.0031	\$1.0031	\$1.0020	\$1.0020	\$1.0020	\$1.0009
Average \$CAN/US	\$0.9927	\$0.9927	\$0.9958	\$0.9958	\$0.9958	\$0.9969	\$0.9969	\$0.9969	\$0.9980	\$0.9980	\$0.9980	\$0.9991

12-month average \$0.9964

EVP Calculation

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
NYMEX NG price (US\$/mmbtu)	3.7590	4.0144	4.2414	4.3586	4.3673	4.336	4.3075	4.3362	4.3749	4.4185	4.4438	4.4487
Exchange Rate	0.9927	0.9927	0.9958	0.9958	0.9958	0.9969	0.9969	0.9969	0.998	0.998	0.998	0.9991
Markup (US\$/mmbtu)	\$2.2500	\$2.2500	\$2.2500	\$2.2500	\$2.2500	\$2.2500	\$2.2500	\$2.2500	\$2.2500	\$2.2500	\$2.2500	\$2.2500
NB Retail Price Can\$/mmbtu	5.9651	6.2187	6.4641	6.5808	6.5895	6.5656	6.5372	6.5658	6.6117	6.6552	6.6804	6.6927
NB Retail price \$/gj	5.6563	5.8967	6.1294	6.2401	6.2483	6.2257	6.1987	6.2259	6.2694	6.3106	6.3345	6.3462
HFO Weighting	6.74%	10.13%	12.87%	16.11%	14.55%	14.27%	9.31%	5.96%	2.83%	2.29%	2.32%	2.62%
	0.3810	0.5973	0.7889	1.0052	0.9092	0.8887	0.5771	0.3712	0.1775	0.1446	0.1468	0.1660
12-month average HFO	6.1535											

HFO Consumption October 2010-September 2011

Rate Class	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Total
HFO 1	22004.75	29174.6	40428.16	55879.26	50767.87	49642.1	38222.89	23157.7	0	0	3.99	1359.87	310641.19
HFO 2	4235.23	4214.24	4609.51	5854.49	5944.61	6031.34	4485.62	4124.4	3776.97	2787.94	3809.09	3232.19	53105.63
HFO 3	10670.11	13696.12	16737.42	20255.5	18266.03	17770.6	13000.76	10153.02	8521.04	7427.35	7455.08	8116.23	152069.26
HFO 4	6221.48	8860.02	10418.1	12845.37	11650.77	11324.65	8703.18	6642.42	4599.07	4031.76	3995.25	4196.62	93488.69
HFO 5	6483.65	10818.75	12736.17	15705.42	14517.76	13484.11	9884.29	5910.61	3786.19	3520.69	3374.23	3759.86	103981.73
HFO 6	3712.48	5234.29	6414.53	7183.05	6119.19	5498.41	3851.59	3079.1	2246.65	1694.61	1619.78	1711.28	48364.96
HFO 7	11153.72	14292.47	17824.91	23108.66	21645.69	18682.83	15270.74	10697.96	7696.48	5305.51	4914.78	5241.44	155835.19
HFO 8	5071.43	8631.97	11410.12	13431.24	12069.29	11797.27	6011.03	6489.22	2742.74	2231.91	2141.51	2770.68	84798.41
HFO 9	9828.74	24434.31	31084.08	35568.42	30498.23	33975.15	10286.1	0	0	0	0	0	175675.03
Average	8,820.18	13,261.86	16,851.44	21,092.38	19,053.27	18,689.61	12,190.69	7,806.05	3,707.68	2,999.97	3,034.86	3,376.46	130,884.45
HFO Profile	6.74%	10.13%	12.88%	16.12%	14.56%	14.28%	9.31%	5.96%	2.83%	2.29%	2.32%	2.58%	100.00%