Q. Please provide the basis and all studies, documents, data, calculations and workpapers pertaining to the calculated values shown on each of pages 1 to 2 of Mr. Banfield's Schedule VI, "Comparison of Rate Schedules 2004-2008, Labrador Interconnected."

A. The revenue requirement for Happy Valley / Goose Bay and Labrador West is outlined in PUB-113 NLH Page 4 of 4 for 2004. The target kWh rates and the expected revenue by area and class are shown in the following table for 2005 to 2008. A summary of the revenue after rate design is shown in the following table followed by a total comparison. There is a significant variance in 2005 due to the fact that rate 2.2, 2.3 and 2.4 in Labrador West achieve the final rates required. In order to achieve the revenue levels desired the kWh rate would have to be set higher in 2005 and then dropped in 2006. Hydro opted to keep the rates level once the desired combined rate levels were achieved. The detailed monthly data and revenue calculations are itemized at the end of the response.

Labrador Interconnected Revenue Using target kWh rates								
Rate	2005 Target $/kWh	2005 Recovery $	2006 Target $/kWh	2006 Recovery $	2007 Target $/kWh	2007 Recovery $	2008 Target $/kWh	2008 Recovery $
Happy Valley / Goose Bay								
1.1 HV	0.03522	3,592,863	0.03522	3,592,863	0.03522	3,592,863	0.03509	3,579,601
2.1 HV	0.06152	140,872	0.06760	154,804	0.06760	154,804	0.06760	154,804
2.2 HV	0.03356	950,313	0.03051	863,921	0.03051	863,921	0.03051	863,921
2.3 HV	0.03035	992,688	0.02594	848,446	0.02594	848,446	0.02594	848,446
2.4 HV	0.02421	1,264,557	0.02087	1,090,144	0.02087	1,090,144	0.02087	1,090,144
A.L.HV		136,088		136,088		136,088		136,088
Total HV		$7,077,380		$6,686,266		$6,686,266		$6,673,004

Rate	2005 Target $/kWh	2005 Recovery $	2006 Target $/kWh	2006 Recovery $	2007 Target $/kWh	2007 Recovery $	2008 Target $/kWh	2008 Recovery $
Labrador West								
1.1 W	0.02070	3,390,385	0.02491	4,079,991	0.02983	4,884,559	0.03509	5,746,444
2.1 W	0.04529	75,774	0.05408	90,476	0.06490	108,571	0.06760	113,095
2.2 W	0.03051	872,281	0.03051	872,281	0.03051	872,281	0.03051	872,281
2.3 W	0.02594	1,361,902	0.02594	1,361,902	0.02594	1,361,902	0.02594	1,361,902
2.4 W	0.02087	265,279	0.02087	265,279	0.02087	265,279	0.02087	265,279
A.L.W		74,458		85,249		97,119		107,910
Total W		6,040,078		6,755,177		7,589,710		8,466,910
Total LI		13,117,459		13,441,443		14,275,976		15,139,914

Total Labrador Interconnected Revenue Using Rate Design								
Rate		2005 Revenue $		2006 Revenue $		2007 Revenue $		2008 Revenue $
Happy Valley / Goose Bay								
1.1 HV		3,592,824		3,592,824		3,592,824		3,641,061
2.1 HV		140,870		156,560		156,560		156,560
2.2 HV		950,225		866,725		866,725		866,725
2.3 HV		992,594		875,206		875,206		875,206
2.4 HV		1,264,749		1,086,265		1,086,265		1,086,265
A.L.HV		136,088		136,088		136,088		136,088
Total HV		7,077,350		6,713,668		6,713,668		6,761,905

Rate		2005 Revenue $		2006 Revenue $		2007 Revenue $		2008 Revenue $
Labrador West								
1.1 W		3,389,830		4,080,305		4,883,701		5,685,859
2.1 W		75,765		90,473		108,569		111,353
2.2 W		869,572		869,572		869,572		869,572
2.3 W		1,334,589		1,334,589		1,334,589		1,334,589
2.4 W		268,864		268,864		268,864		268,864
A.L.W		74,454		85,260		97,119		107,910
Total W		6,013,074		6,729,063		7,562,414		8,378,147

		2005 Revenue $		2006 Revenue $		2007 Revenue $		2008 Revenue $
Total Revenues Rate Design		$13,090,424		$13,442,731		$14,276,082		$15,140,052
Total Revenues using kWh rate		$13,117,459		$13,441,443		$14,275,976		$15,139,914

2004 Labrador Interconnected Rate Design Details

Happy Valley/Goose Bay

Rate 2.1 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	244	325		$15,324		$333		$201
02	244	328		15,445		335		207
03	244	253		12,421		297		177
04	244	226		11,333		284		186
05	244	160		8,672		263		156
06	244	121		7,099		254		150
07	244	117		6,938		254		138
08	244	102		6,333		252		150
09	244	112		6,736		257		156
10	244	136		7,704		262		185
11	244	185		9,680		271		153
12	244	225		11,292		283		163
Total 2.1HV				$118,978	-	$3,344	+	$2,021
			=	$117,655				

Labrador West

Rate 1.1 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	448	788		$14,609		$495		$252
02	448	685		12,960		481		216
03	448	593		11,488		470		241
04	448	435		8,958		456		216
05	448	358		7,725		450		294
06	448	288		6,604		449		201
07	448	230		5,676		448		258
08	448	218		5,484		448		200
09	448	271		6,332		449		212
10	448	383		8,125		453		186
11	448	510		10,159		463		214
12	448	652		12,432		477		192
				$110,553	-	$5,539	+	$2,683
			=	$107,697				

Rate 1.12 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	3799	22852		$382,766		$6,148		$3,197
02	3799	20638		347,320		5,645		2,609
03	3799	17719		300,587		4,997		2,105
04	3799	13177		227,869		4,186		1,867
05	3799	10357		182,721		3,901		1,913
06	3799	6865		126,814		3,805		1,917
07	3799	5361		102,735		3,801		1,706
08	3799	5328		102,207		3,801		1,665
09	3799	8084		146,330		3,828		1,596
10	3799	11785		205,583		4,098		1,403
11	3799	15799		269,848		4,665		1,907
12	3799	20387		343,301		5,574		2,301
				$2,738,082	-	$54,449	+	$24,185
			=	$2,707,818				

Total Dom Labrador West = $\boxed{\$2,815,515}$

Rate 2.1 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc
01	155	188	$6,735	$178	$89
02	155	181	6,536	175	87
03	155	176	6,395	174	87
04	155	163	6,027	173	87
05	155	152	5,715	172	86
06	155	131	5,120	169	84
07	155	105	4,384	176	88
08	155	100	4,243	170	85
09	155	99	4,214	172	86
10	155	109	4,497	162	81
11	155	134	5,205	168	84
12	155	135	5,234	169	84
			$64,305 -	$2,058 +	$1,029
		=	$63,276		

Rate 2.2 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate
01	285	3779	96,357	1,448	724	3775772	9202.0	308.2	0
02	285	3895	99,309	1,493	746	3891707	9483.1	313.9	0
03	285	3164	83,555	1,258	629	3160803	9124.5	287.5	272
04	285	2658	72,014	1,085	543	2654864	8560.6	257.3	570
05	285	1935	55,728	844	422	1933585	7846.0	181.9	1328
06	285	1437	44,224	678	339	1421661	6934.9	860.7	3253
07	285	1286	38,644	599	300	1274098	5650.1	832.0	4047
08	285	1226	36,836	576	288	1207247	5248.7	1201.0	3768
09	285	1352	41,325	642	321	1334033	6118.6	1285.7	4565
10	285	1909	54,691	836	418	1903941	7498.3	411.6	1723
11	285	2695	73,301	1,110	555	2690949	8796.3	217.8	2264
12	285	3254	86,185	1,301	651	3250099	9419.9	257.5	3717
			$782,171 -	$11,869 +	$5,935				
		=	$776,236						

Rate 2.3 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate
01	70	6877	157,421	2,361	1,181	6877000	15133.0	0.0	0
02	70	7172	163,116	2,447	1,223	7172000	15210.0	0.0	0
03	70	5907	139,317	2,090	1,045	5907000	15215.0	0.0	0
04	70	4934	117,260	1,759	879	4933657	13124.0	123.4	0
05	70	3838	96,638	1,450	725	3838000	13193.0	0.0	0
06	70	2553	71,541	1,073	537	2533354	12305.0	599.6	6917
07	70	2380	60,899	913	457	2376597	8616.0	220.9	0
08	70	2221	55,576	834	417	2158539	6624.1	1495.8	16570
09	70	2408	62,218	933	467	2356538	8080.2	2160.3	9581
10	70	3770	92,463	1,387	693	3770000	11628.0	0.0	0
11	70	4756	114,276	1,714	857	4754510	13319.0	149.0	0
12	70	5686	131,736	1,976	988	5686000	13365.0	0.0	0
			$1,262,461 -	$18,937 +	$9,468				
		=	$1,252,993						

Rate 2.4 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate
01	3	1656	33,515	503	251	1656000	2853.0	0.0	0
02	3	1543	31,502	473	236	1543000	2819.0	0.0	0
03	3	1424	29,127	437	218	1424000	2634.0	0.0	0
04	3	944	20,744	311	156	944000	2590.0	0.0	0
05	3	816	16,464	247	123	816000	1376.0	0.0	0
06	3	553	11,414	171	86	553000	1083.0	0.0	0
07	3	516	10,413	156	78	516000	871.0	0.0	0
08	3	500	10,088	151	76	500000	843.0	0.0	0
09	3	696	15,167	228	114	696000	1835.0	0.0	0
10	3	990	20,795	312	156	990000	2152.0	0.0	0
11	3	1424	29,158	437	219	1424000	2652.0	0.0	0
12	3	1649	33,484	502	251	1649000	2906.0	0.0	0
			$261,871 -	$3,928 +	$1,964				
		=	$259,907						

Lab West Area Lighting - Summary
Sept 01, 2002 Rates - 2004 Budgeted MWhs

	Quantity	Unit Cost	Total Cost	kWhs Assigned	Total kWhs
100W HPS Standard 2' Bkt	779	$3.12	$2,430.48	45	35,055
100W HPS Standard 2' Bkt	174	$4.15	$722.10	45	7,830
100W HPS Standard 2' Bkt	268	$7.11	$1,905.48	45	12,060
250W Sentinel	40	$5.80	$232.00	99	3,960
Wood Poles	2	$3.00	$6.00		
Total Month					
	1261		$5,296.06		58,905
New Fixtures Lab City	4	$7.11	$28.44	45	180
Total Lab City			$3,181.02		516,780
New Fixtures Wabush	10	$7.11	$71.10	45	450
Total Wabush			$2,214.58		197,640
Total Monthly			$5,395.60		
Total Annual			$64,747.20		714,420

Happy Valley-Goose Bay Area Lighting

Rate 4.11	Quantity	Unit Cost	Total Cost	kW.hs Assigned	Total kW.hs	
100W HPS Standard 2' Bkt						
250W MV Sentinel	533	$10.07	$5,367.31	45	23,985	
Wood Poles	386	12.10	4,670.60	99	38,214	
	253	3.00	759.00			
Total Month						
Projected Extras:	1,172		$10,796.91		62,199	
100W HPS Standard 2' Bkt						
	54	$10.07	$543.78	45	2,430	mWhs
Monthly Totals			$11,340.69		64,629	
Annual Totals			$136,088.28		775,548	

Grand Total $200,835.48

2005 Labrador Interconnected Rate Design Details

Happy Valley/Goose Bay

Rate 2.1 Month	Bills	Forecast mWhs		Forecast Revenue	Forecast Discounts	Forecast Forf Disc
01	244	325		$18,633	$377	$227
02	244	328		18,784	379	234
03	244	253		14,997	329	196
04	244	226		13,633	311	204
05	244	160		10,300	277	164
06	244	121		8,331	262	154
07	244	117		8,129	261	142
08	244	102		7,371	259	154
09	244	112		7,876	265	161
10	244	136		9,088	273	192
11	244	185		11,563	290	163
12	244	225		13,583	309	178
				$142,290 -	$3,590 +	$2,170
			=	$140,870		

Rate 2.2 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate
01	324	3572	$114,901	$1,727	$864	3569102	9296.7	300.8	2898
02	324	3966	126,078	1,897	948	3964947	9620.5	397.8	0
03	324	3236	106,237	1,599	800	3234177	9458.1	390.4	1555
04	324	2811	93,404	1,405	703	2808616	8684.8	620.3	0
05	324	1990	70,106	1,057	529	1988406	8081.3	547.6	0
06	324	1558	56,625	860	430	1553277	6963.8	780.3	2764
07	324	1445	52,069	794	397	1433593	6094.5	920.0	6421
08	324	1249	45,236	703	352	1238242	5343.1	1003.1	3849
09	324	1406	50,038	770	385	1382196	5298.1	1309.9	14244
10	324	1746	63,204	960	480	1735044	7635.3	854.1	6880
11	324	2392	81,798	1,233	616	2383571	8495.7	445.4	5346
12	324	2944	97,766	1,469	734	2940791	9216.0	194.8	2927
			$957,463 -	$14,476 +	$7,238				
		=	$950,225						

Rate 2.3 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate	Customer Transformer Reduction
01	52	3852	$112,110	$1,682	$841	3852000	10020.0	1012.0	0	57.3
02	52	4215	122,545	1,838	919	4215000	10954.0	1042.2	0	235.8
03	52	3291	98,868	1,483	742	3286544	10243.0	981.6	0	222.1
04	52	2919	87,983	1,320	660	2914253	9216.2	938.8	0	212.4
05	52	2464	77,059	1,156	578	2464000	9156.0	941.8	0	213.1
06	52	2016	63,598	954	477	2006025	7692.1	546.6	9975	277.5
07	52	1850	62,010	930	465	1839075	8517.9	1437.2	8939	157.8
08	52	1794	56,053	841	420	1766916	6276.1	395.0	23750	114.8
09	52	1978	64,532	968	484	1939102	8126.0	2098.5	11015	124.6
10	52	2479	79,553	1,193	597	2475040	10490.0	700.4	0	161.0
11	52	2650	81,432	1,221	611	2646458	9434.2	430.2	0	164.8
12	52	3201	94,352	1,415	708	3174026	8541.7	637.9	24589	130.9
			$1,000,094 -	$15,001 +	$7,501					
		=	$992,594							

Rate 2.4 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate	Customer Transformer Reduction
01	3	5960	$141,707	$740	$370	5960000	9374.0	0.0	0	8045.2
02	3	5807	141,020	759	379	5807000	11093.0	0.0	0	9359.1
03	3	5221	125,752	770	385	5221000	9183.0	0.0	0	7189.8
04	3	3963	96,577	736	368	3963000	7663.0	0.0	0	5668.5
05	3	3721	93,061	646	323	3721000	8902.0	0.0	0	7401.1
06	3	3547	87,539	673	336	3547000	7720.0	0.0	0	6528.9
07	3	2968	74,063	642	321	2968000	6999.0	0.0	0	5877.4
08	3	3443	86,874	682	341	3443000	8800.0	0.0	0	7615.8
09	3	3135	76,818	658	329	3135000	6418.0	0.0	0	5226.2
10	3	3709	89,722	665	333	3709000	6833.0	0.0	0	5660.2
11	3	4818	114,735	727	364	4818000	7688.0	0.0	0	6529.1
12	3	5943	141,094	732	366	5943000	9197.0	0.0	0	7833.3
			$1,268,964 -	$8,430 +	$4,215					
		=	$1,264,749							

Labrador West

Rate 1.1 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	448	788		$17,601		$519		$264
02	448	685		15,623		500		225
03	448	593		13,856		485		248
04	448	435		10,820		466		221
05	448	358		9,341		457		299
06	448	288		7,996		451		202
07	448	230		6,882		448		259
08	448	218		6,652		448		200
09	448	271		7,670		451		212
10	448	383		9,821		461		189
11	448	510		12,261		477		220
12	448	652		14,989		496		200
				$133,513	-	$5,658	+	$2,739
			=	$130,594				

Rate 1.12 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	3799	22852		$459,881		$7,230		$3,759
02	3799	20638		417,350		6,615		3,057
03	3799	17719		361,276		5,809		2,447
04	3799	13177		274,025		4,676		2,086
05	3799	10357		219,852		4,125		2,023
06	3799	6865		152,771		3,831		1,930
07	3799	5361		123,879		3,805		1,707
08	3799	5328		123,245		3,808		1,668
09	3799	8084		176,188		3,909		1,630
10	3799	11785		247,284		4,471		1,530
11	3799	15799		324,393		5,348		2,186
12	3799	20387		412,529		6,533		2,698
				$3,292,676	-	$60,160	+	$26,721
			=	$3,259,236				

Total Dom Labrador West = $\boxed{\$3,389,831}$

Rate 2.1 Month	Bills	Forecast mWhs		Forecast Revenue	Forecast Discounts	Forecast Forf Disc
01	155	188		$8,145	$193	$97
02	155	181		7,894	189	95
03	155	176		7,715	188	94
04	155	163		7,249	185	93
05	155	152		6,855	183	91
06	155	131		6,103	178	89
07	155	105		5,172	183	92
08	155	100		4,993	176	88
09	155	99		4,957	178	89
10	155	109		5,315	168	84
11	155	134		6,210	177	89
12	155	135		6,246	176	88
				$76,853 -	$2,176 +	$1,088
			=	$75,765		

Rate 2.2 Month	Bills	Forecast mWhs		Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate
01	285	3779		$108,818	$1,635	$818	3775772	9202.0	308.2	0
02	285	3895		112,152	1,685	842	3891707	9483.1	313.9	0
03	285	3164		93,986	1,414	707	3160803	9124.5	287.5	272
04	285	2658		80,775	1,216	608	2654864	8560.6	257.3	570
05	285	1935		62,099	939	469	1928950	7739.1	181.9	5963
06	285	1437		48,922	746	373	1427230	6935.4	739.0	3253
07	285	1286		42,849	660	330	1274098	5650.1	832.0	4047
08	285	1226		40,823	633	317	1213963	5292.4	968.1	3768
09	285	1352		45,721	706	353	1331182	6052.2	1285.7	7416
10	285	1909		60,969	929	465	1897322	7349.5	411.6	8342
11	285	2695		82,183	1,243	621	2691390	8799.1	203.8	2264
12	285	3254		96,910	1,462	731	3250099	9419.9	257.5	3717
				$876,206 -	$13,268 +	$6,634				
			=	$869,572						

Rate 2.3 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate
01	70	6877	$168,218	$2,523	$1,262	6877000	15133.0	0.0	0
02	70	7172	174,376	2,616	1,308	7172000	15210.0	0.0	0
03	70	5907	148,591	2,229	1,114	5907000	15215.0	0.0	0
04	70	4934	125,006	1,875	938	4933657	13124.0	123.4	0
05	70	3838	102,664	1,540	770	3838000	13193.0	0.0	0
06	70	2553	75,517	1,133	566	2532393	12173.0	475.1	12681
07	70	2380	64,630	969	485	2376597	8616.0	220.9	0
08	70	2221	58,965	884	442	2158539	6624.1	1495.8	16570
09	70	2408	65,922	989	494	2368705	8129.3	1841.2	9581
10	70	3770	98,382	1,476	738	3770000	11628.0	0.0	0
11	70	4756	121,740	1,826	913	4754510	13319.0	149.0	0
12	70	5686	140,663	2,110	1,055	5686000	13365.0	0.0	0
			$1,344,674 -	$20,170 +	$10,085				
		=	$1,334,589						

Rate 2.4 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate
01	3	1656	$34,691	$520	$260	1656000	2853.0	0.0	0
02	3	1543	32,597	489	244	1543000	2819.0	0.0	0
03	3	1424	30,138	452	226	1424000	2634.0	0.0	0
04	3	944	21,414	321	161	944000	2590.0	0.0	0
05	3	816	17,044	256	128	816000	1376.0	0.0	0
06	3	553	11,806	177	89	553000	1083.0	0.0	0
07	3	516	10,779	162	81	516000	871.0	0.0	0
08	3	500	10,443	157	78	500000	843.0	0.0	0
09	3	696	15,661	235	117	696000	1835.0	0.0	0
10	3	990	21,498	322	161	990000	2152.0	0.0	0
11	3	1424	30,169	453	226	1424000	2652.0	0.0	0
12	3	1649	34,655	520	260	1649000	2906.0	0.0	0
			$270,896 -	$4,063 +	$2,032				
		=	$268,864						

2005 Lab West Area Lighting - Summary

	Quantity	Unit Cost	Total Cost	kWhs Assigned	Total kWhs
100W HPS Standard 2' Bkt	779	$3.59	$2,796.61	45	35,055
100W HPS Standard 2' Bkt	174	$5.65	$983.10	45	7,830
100W HPS Standard 2' Bkt	268	$7.54	$2,020.72	45	12,060
250W Sentinel	40	$7.30	$292.00	99	3,960
Wood Poles	2	$3.00	$6.00		
Total Month	1261		$6,098.43		58,905
New Fixtures Lab City	4	$7.54	$30.16	45	180
Total Lab City			$3,809.87		516,780
New Fixtures Wabush	10	$7.54	$75.40	45	450
Total Wabush			$2,394.12		197,640
Total Monthly			$6,203.99		
Total Annual			$74,447.88		714,420

Happy Valley-Goose Bay Area Lighting (same as 2004)

Annual Totals	$136,088.28	775,548
Grand Total	$210,536.16	

2006 Labrador Interconnected Rate Design Details

Happy Valley/Goose Bay

Rate 2.1 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	244	325		$20,697		$404		$243
02	244	328		20,865		405		251
03	244	253		16,658		348		208
04	244	226		15,143		328		215
05	244	160		11,440		287		170
06	244	121		9,253		268		158
07	244	117		9,028		267		145
08	244	102		8,187		263		157
09	244	112		8,748		270		164
10	244	136		10,094		280		197
11	244	185		12,843		302		170
12	244	225		15,087		325		188
				$158,042	-	$3,748	+	$2,266
			=	$156,560				

Rate 2.2 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate
01	324	3572	$104,265	$1,568	$784	3569102	9296.7	300.8	2898
02	324	3966	114,262	1,720	860	3964947	9620.5	397.8	0
03	324	3236	96,602	1,455	728	3233192	9455.8	419.6	1555
04	324	2811	85,035	1,280	640	2808616	8684.8	620.3	0
05	324	1990	64,181	969	484	1988406	8081.3	547.6	0
06	324	1558	51,997	792	396	1551985	6955.0	827.2	2764
07	324	1445	47,797	731	366	1433593	6094.5	920.0	6421
08	324	1249	41,546	650	325	1236876	5329.1	1061.4	3849
09	324	1406	45,925	710	355	1379753	5273.6	1417.5	14244
10	324	1746	58,029	884	442	1736079	7679.8	909.6	4291
11	324	2392	74,695	1,127	563	2383571	8495.7	445.4	5346
12	324	2944	89,003	1,338	669	2940791	9216.0	194.8	2927
			$873,337 -	$13,224 +	$6,612				
		=	$866,725						

Rate 2.3 Month	Bills	Forecast mWhs	Forecast Revenue	Forecast Discounts	Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate	Customer Transformer Reduction
01	52	3852	$98,128	$1,472	$736	3852000	10020.0	1012.0	0	57.3
02	52	4215	107,244	1,609	804	4215000	10954.0	1042.2	0	235.8
03	52	3291	86,938	1,304	652	3286544	10243.0	981.6	0	222.1
04	52	2919	77,404	1,161	581	2914253	9216.2	938.8	0	212.4
05	52	2464	68,115	1,022	511	2464000	9156.0	941.8	0	213.1
06	52	2016	56,287	844	422	2016000	7933.0	546.6	0	277.5
07	52	1850	55,340	830	415	1834741	8492.2	1571.8	8939	157.8
08	52	1794	49,639	745	372	1766916	6276.1	395.0	23750	114.8
09	52	1978	57,501	863	431	1934971	8100.7	2231.3	11015	124.6
10	52	2479	70,568	1,059	529	2475040	10490.0	700.4	0	161.0
11	52	2650	71,825	1,077	539	2646458	9434.2	430.2	0	164.8
12	52	3201	82,830	1,242	621	3174026	8541.7	637.9	24589	130.9
			$881,819 -	$13,227 +	$6,614					
		=	$875,206							

Rate 2.4 Month	Bills	Forecast mWhs	Forecast Revenue		Forecast Discounts		Forecast Forf Disc	Billed kWhs	Billed Demand	Minimum Demand	Alternate	Customer Transformer Reduction
01	3	5960	$121,324		$707		$354	5960000	9374.0	0.0	0	8045.2
02	3	5807	121,160		724		362	5807000	11093.0	0.0	0	9359.1
03	3	5221	107,896		735		368	5221000	9183.0	0.0	0	7189.8
04	3	3963	83,023		707		353	3963000	7663.0	0.0	0	5668.5
05	3	3721	80,336		629		315	3721000	8902.0	0.0	0	7401.1
06	3	3547	75,409		650		325	3547000	7720.0	0.0	0	6528.9
07	3	2968	63,912		624		312	2968000	6999.0	0.0	0	5877.4
08	3	3443	75,099		657		329	3443000	8800.0	0.0	0	7615.8
09	3	3135	66,097		638		319	3135000	6418.0	0.0	0	5226.2
10	3	3709	77,037		644		322	3709000	6833.0	0.0	0	5660.2
11	3	4818	98,258		696		348	4818000	7688.0	0.0	0	6529.1
12	3	5943	<u>120,769</u>		<u>700</u>		<u>350</u>	5943000	9197.0	0.0	0	7833.3
			$1,090,320	-	$8,111	+	$4,055					
		=	$1,086,265									

Labrador West

Rate 1.1 Month	Bills	Forecast mWhs	Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	448	788	$21,097		$551		$281
02	448	685	18,706		526		237
03	448	593	16,569		507		259
04	448	435	12,901		480		228
05	448	358	11,113		468		306
06	448	288	9,487		456		205
07	448	230	8,141		450		260
08	448	218	7,862		450		200
09	448	271	9,093		455		214
10	448	383	11,693		473		194
11	448	510	14,642		496		228
12	448	652	17,939		521		210
			$159,243	-	$5,833	+	$2,822
		=	$156,233				

Rate 1.12 Month	Bills	Forecast mWhs	Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	3799	22852	$554,367		$8,581		$4,462
02	3799	20638	502,958		7,828		3,617
03	3799	17719	435,179		6,842		2,882
04	3799	13177	329,714		5,394		2,406
05	3799	10357	264,233		4,572		2,241
06	3799	6865	183,149		3,924		1,977
07	3799	5361	148,226		3,823		1,716
08	3799	5328	147,460		3,835		1,680
09	3799	8084	211,454		4,123		1,719
10	3799	11785	297,391		5,055		1,730
11	3799	15799	390,597		6,258		2,558
12	3799	20387	497,130		7,733		3,193
			$3,961,858	-	$67,967	+	$30,181
		=	$3,924,072				

Total Dom Labrador West = $\boxed{\$4,080,305}$

Rate 2.1 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	155	188		$9,807		$214		$107
02	155	181		9,494		209		104
03	155	176		9,271		206		103
04	155	163		8,690		202		101
05	155	152		8,199		199		99
06	155	131		7,261		190		95
07	155	105		6,100		192		96
08	155	100		5,877		184		92
09	155	99		5,832		186		93
10	155	109		6,278		178		89
11	155	134		7,395		191		95
12	155	135		7,440		188		94
				$91,642	-	$2,339	+	$1,169
			=	$90,473				

2006 Lab West Area Lighting - Summary

	Quantity	Unit Cost	Total Cost	kWhs Assigned	Total kWhs
100W HPS Standard 2' Bkt	779	$4.06	$3,162.74	45	35,055
100W HPS Standard 2' Bkt	174	$7.15	$1,244.10	45	7,830
100W HPS Standard 2' Bkt	268	$8.27	$2,216.36	45	12,060
250W Sentinel	40	$9.00	$360.00	99	3,960
Wood Poles	2	$3.00	$6.00		
Total Month					
	1261		$6,989.20		58,905
New Fixtures Lab City	4	$8.27	$33.08	45	180
Total Lab City			$4,439.92		516,780
New Fixtures Wabush	10	$8.27	$82.70	45	450
Total Wabush			$2,665.06		197,640
Total Monthly			$7,104.98		
Total Annual			$85,259.76		714,420

Happy Valley-Goose Bay Area Lighting (same as 2004)

Annual Totals			$136,088.28		775,548
Grand Total			$221,348.04		

2007 Labrador Interconnected Rate Design Details

Labrador West

Rate 1.1 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	448	788		$25,173		$594		$303
02	448	685		22,301		561		252
03	448	593		19,736		534		273
04	448	435		15,331		497		236
05	448	358		13,184		482		315
06	448	288		11,233		466		209
07	448	230		9,616		455		262
08	448	218		9,281		453		202
09	448	271		10,759		463		218
10	448	383		13,881		490		201
11	448	510		17,422		519		239
12	448	652		21,381		555		224
				$189,297	-	$6,069	+	$2,935
			=	$186,163				

Rate 1.12 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	3799	22852		$664,277		$10,176		$5,291
02	3799	20638		602,550		9,262		4,280
03	3799	17719		521,169		8,066		3,398
04	3799	13177		394,538		6,287		2,804
05	3799	10357		315,916		5,218		2,558
06	3799	6865		218,559		4,158		2,095
07	3799	5361		176,628		3,897		1,749
08	3799	5328		175,707		3,925		1,720
09	3799	8084		252,545		4,511		1,881
10	3799	11785		355,729		5,825		1,994
11	3799	15799		467,639		7,345		3,002
12	3799	20387		595,552		9,148		3,777
				$4,740,808	-	$77,819	+	$34,549
			=	$4,697,538				

Total Dom Labrador West = $4,883,701

Rate 2.1 Month	Bills	Forecast mWhs	Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	155	188	$11,828		$240		$120
02	155	181	11,442		233		117
03	155	176	11,167		230		115
04	155	163	10,452		224		112
05	155	152	9,846		219		109
06	155	131	8,690		207		103
07	155	105	7,259		204		102
08	155	100	6,984		194		97
09	155	99	6,929		196		98
10	155	109	7,480		191		95
11	155	134	8,856		208		104
12	155	135	8,911		205		102
			$109,845	-	$2,551	+	$1,276
		=	$108,569				

2007 Lab West Area Lighting - Summary

	Quantity	Unit Cost	Total Cost	kWhs Assigned	Total kWhs
100W HPS Standard 2' Bkt	779	$4.53	$3,528.87	45	35,055
100W HPS Standard 2' Bkt	174	$9.00	$1,566.00	45	7,830
100W HPS Standard 2' Bkt	268	$9.00	$2,412.00	45	12,060
250W Sentinel	40	$11.36	$454.40	99	3,960
Wood Poles	2	$3.00	$6.00		
Total Month	1261		$7,967.27		58,905
New Fixtures Lab City	4	$9.00	$36.00	45	180
Total Lab City			$5,130.87		516,780
New Fixtures Wabush	10	$9.00	$90.00	45	450
Total Wabush			$2,962.40		197,640
Total Monthly			$8,093.27		
Total Annual			$97,119.24		714,420

Happy Valley-Goose Bay Area Lighting (same as 2004)

Annual Totals			$136,088.28		775,548
Grand Total			$233,207.52		

2008 Labrador Interconnected Rate Design Details

Happy Valley/Goose Bay

Rate 1.1 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	264	390		$14,807		$330		$188
02	264	336		13,049		315		184
03	264	293		11,649		304		178
04	264	253		10,347		287		162
05	264	224		9,403		279		159
06	264	204		8,752		272		147
07	264	179		7,938		269		147
08	264	170		7,646		268		155
09	264	195		8,459		270		158
10	264	225		9,436		274		155
11	264	257		10,477		286		149
12	264	304		12,007		300		167
				$123,971	-	$3,453	+	$1,948
			=	$122,465				

Rate 1.12 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	3344	14513		$499,150		$7,798		$5,010
02	3344	13708		472,947		7,422		4,662
03	3344	11074		387,211		6,189		3,825
04	3344	8922		317,163		5,199		3,198
05	3344	6626		242,428		4,224		2,607
06	3344	4936		187,419		3,661		2,171
07	3344	3494		140,482		3,420		2,016
08	3344	3327		135,046		3,405		1,992
09	3344	4335		167,856		3,563		2,040
10	3344	6557		240,182		4,200		2,476
11	3344	9312		329,858		5,361		3,055
12	3344	12178		423,146		6,666		3,766
				$3,542,888	-	$61,109	+	$36,817
			=	$3,518,596				
Total Dom Labrador West			=	$3,641,061				

Labrador West

Rate 1.1 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	448	788		$29,233		$641		$327
02	448	685		25,881		599		269
03	448	593		22,886		564		289
04	448	435		17,743		517		245
05	448	358		15,237		498		326
06	448	288		12,958		478		214
07	448	230		11,071		462		266
08	448	218		10,680		459		204
09	448	271		12,405		473		223
10	448	383		16,051		508		208
11	448	510		20,185		545		251
12	448	652		24,807		590		238
				$219,136	-	$6,334	+	$3,061
			=	$215,864				

Rate 1.12 Month	Bills	Forecast mWhs		Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	3799	22852		$774,225		$11,788		$6,129
02	3799	20638		702,159		10,717		4,952
03	3799	17719		607,145		9,311		3,922
04	3799	13177		459,303		7,201		3,212
05	3799	10357		367,512		5,919		2,902
06	3799	6865		253,848		4,503		2,269
07	3799	5361		204,893		4,053		1,819
08	3799	5328		203,818		4,093		1,793
09	3799	8084		293,526		4,994		2,082
10	3799	11785		413,994		6,632		2,270
11	3799	15799		544,649		8,447		3,453
12	3799	20387		693,989		10,581		4,369
				$5,519,062	-	$88,238	+	$39,172
			=	$5,469,995				

Total Dom Labrador West = $5,685,859

Rate 2.1 Month	Bills	Forecast mWhs	Forecast Revenue		Forecast Discounts		Forecast Forf Disc
01	155	188	$12,112		$243		$122
02	155	181	11,720		236		118
03	155	176	11,439		233		117
04	155	163	10,710		227		114
05	155	152	10,093		221		111
06	155	131	8,915		209		104
07	155	105	7,456		205		102
08	155	100	7,176		195		98
09	155	99	7,119		198		99
10	155	109	7,680		193		96
11	155	134	9,083		210		105
12	155	135	9,139		207		104
			$112,641	-	$2,578	+	$1,289
		=	$111,353				

2008 Lab West Area Lighting - Summary

	Quantity	Unit Cost	Total Cost	kWhs Assigned	Total kWhs
100W HPS Standard 2' Bkt	779	$5.02	$3,910.58	45	35,055
100W HPS Standard 2' Bkt	174	$10.07	$1,752.18	45	7,830
100W HPS Standard 2' Bkt	268	$10.07	$2,698.76	45	12,060
250W Sentinel	40	$12.10	$484.00	99	3,960
Wood Poles	2	$3.00	$6.00		
Total Month	1261		$8,851.52		58,905
New Fixtures Lab City	4	$10.07	$40.28	45	180
Total Lab City			$5,703.04		516,780
New Fixtures Wabush	10	$10.07	$100.70	45	450
Total Wabush			$3,289.46		197,640
Total Monthly			$8,992.50		
Total Annual			$107,910.00		714,420

Happy Valley-Goose Bay Area Lighting (same as 2004)

Annual Totals	$136,088.28	775,548
Grand Total	$243,998.28	