

1 Q. Please file a copy of the correspondence from CBPP when it first notified Hydro that
2 it would be reducing energy demand from 278 GWh in 2008 to 95 GWh in 2009 (see
3 RSP-CA-NLH-7).

4

5

6 A. The reduction in CBPP energy requirements from Hydro in 2009 from 2008 was
7 associated with a reduction in paper production at the Corner Brook paper mill
8 resulting from Kruger's decision to shut down one of its paper machines in March
9 2009. Kruger temporarily shut down the paper machine in March 2009 and
10 publically announced in late May 2009 that the paper machine was to remain
11 inactive indefinitely. CBPP's power on order was not reduced during 2009 as a
12 result of the paper machine shutdown but was reduced from 36 MW in 2009 to 26
13 MW in 2010.

14

15 On May 7, 2009, Hydro received a load forecast from CBPP that included the impact
16 of the temporary shutdown of one of its paper machines. Please see CA-NLH-367
17 Attachment 1 which provides the May 7, 2009 correspondence from CBPP.

18

19 On July 24, 2009, Hydro received an updated energy requirements forecast from
20 CBPP that reflected CBPP's estimated energy requirements with the continued
21 shutdown of one of its paper machines. Please see CA-NLH-367 Attachment 2 which
22 provides the July 24, 2009 correspondence from CBPP.



{In Archive} RE: NLH Spring 2009 Operating Load Forecast
Goulding, Kevin

to:

PaulStratton

05/07/2009 03:53 PM

Cc:

"Corriveau, Patrick", "Oram, Garland", "Spencer, Mike", "Sharpe, Jean"

Hide Details

From: "Goulding, Kevin" <Kevin.Goulding@kruger.com>

To: <PaulStratton@nlh.nl.ca>

Cc: "Corriveau, Patrick" <PCorriveau@CB.Kruger.com>, "Oram, Garland"
<GORam@CB.Kruger.com>, "Spencer, Mike" <Mike.Spencer@kruger.com>, "Sharpe,
Jean" <Jean.Sharpe@Kruger.com>

History: This message has been replied to and forwarded.

Archive: This message is being viewed in an archive.

1 Attachment



NLH 2009 Spring Forecast Request.pdf

Paul,

As per the attached.

For the balance of 2009, and for all of 2010 and 2011 forecasts are shown on a monthly basis. Annual figures are listed for 2012-2014. The numbers are based on:

- A reduction to 32 MW of power-on-order for 2010 and beyond.
- Latest production estimates from Corner Brook Pulp and Paper Limited.
- Average inflows on our hydro system for years 2010-2014.

The forecasts are subject to change with deviations in the paper markets and/or variations in weather patterns. Please call if you require any further information.

Kevin

Kevin Goulding

Deer Lake Power Hydro Plant

A Division of Corner Brook Pulp and Paper Limited

Deer Lake, NL, Canada

A8A 2E4

Phone: 709-635-6229

Fax: 709-635-5569

Cell: 709-636-1122

e-mail: kgoulding@cb.kruger.com

From: PaulStratton@nlh.nl.ca [<mailto:PaulStratton@nlh.nl.ca>]

Sent: Thursday, April 16, 2009 9:53 AM

To: Goulding, Kevin

Cc: RHenderson@nlh.nl.ca; PHumphries@nalcoreenergy.com

Subject: NLH Spring 2009 Operating Load Forecast

Kevin,

It is once again time for NLH to prepare our Spring Operating Load Forecast which is a key input into our financial and operational planning process for the Province's electric power system.

We would appreciate receiving your company's latest projections on power and energy requirements from NLH through the medium term. We request that the forecast be in the usual format, by month for the remainder of 2009 through to 2011, with 2 to 3 years of annual power and energy projections thereafter.

To facilitate our planning schedule, we require your input prior to May 7, 2009. If you have any questions, please do not hesitate to contact me by email or phone.

Regards,

Paul Stratton, Senior Market Analyst
System Planning Department
Newfoundland & Labrador Hydro
A Nalcor Energy Company
P.O. Box 12400
St. John's, NL
A1B 4K7

Tel: 709.737.1314
Fax: 709.737.1435



DEER LAKE POWER

A Division of Corner Brook Pulp and Paper Limited

NLH - 2009 SPRING FORECAST REQUEST

May 6, 2009

COPIES: P. Corriveau, L. Marks, G. Oram, D10-13-1, D10-23-1, Day File

Summary	Act Jan	Act Feb	Act Mar	Act Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2009 Total
MILL OPERATING DATA:													
STATUTORY/REPAIR DAYS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	2.67	3.97
DOWN DAYS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OPERATING DAYS	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	28.70	31.00	30.00	28.33	361.03
DAYS IN MONTH	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	365.00
TONNES/DAY	883	873	832	680	915	915	919	919	919	923	923	923	885
KWH/TONNE (Losses incl)	3228	3418	3363	3599	3258	3258	3258	3258	3258	3258	3258	3258	3306
AVERAGE LOAD - MW	118.78	124.28	116.62	101.98	124.19	124.19	124.74	124.74	124.74	125.30	125.30	125.30	121.68
PURCHASED POWER:													
FIRM Total - GWh	19.52	16.14	15.12	7.40	13.39	20.14	20.81	20.81	19.27	20.81	20.14	19.02	212.57
FIRM Total - MW	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00
FIRM Average - MW	26.24	24.01	20.32	10.28	18.00	27.97	27.97	27.97	27.97	27.97	27.97	27.97	24.53
NON-FIRM Total - GWh	0.43	1.53	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	2.88
NON-FIRM Total - MW	53.12	79.55	57.07	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	79.55
TOTAL PURCHASED - GWh	19.96	17.66	15.84	7.40	13.39	20.14	20.81	20.81	19.27	21.02	20.14	19.02	215.46
TOTAL PURCHASED - MW	89.12	115.55	93.07	36.00	36.00	36.00	36.00	36.00	36.00	51.00	36.00	36.00	115.55
AVERAGE PURCHASED	26.82	26.28	21.29	10.28	18.00	27.97	27.97	27.97	27.97	28.25	27.97	27.97	24.87
HYDRO SYSTEM:													
Deer Lake - GWh	68.73	67.41	69.98	64.01	76.10	67.18	72.81	72.81	63.96	75.33	69.10	66.05	833.46
Watson's Brook - GWh	4.05	2.51	5.21	4.89	6.00	5.00	2.20	2.20	5.60	3.20	4.20	3.20	48.26
TOTAL - GWh	72.78	69.92	75.19	68.90	82.10	72.18	75.01	75.01	69.56	78.53	73.30	69.25	881.72
Hydro System - AVG MW	97.82	104.04	101.07	95.70	110.35	100.25	100.82	100.82	100.99	105.54	101.80	101.84	101.76
LOSSES:													
(GWh)	3.89	3.65	3.81	2.48	2.78	2.69	2.79	2.79	2.59	2.90	2.72	2.57	35.66
Percent	4.37%	4.35%	4.37%	3.37%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.36%

Mill Consumption	Act Jan	Act Feb	Act Mar	Act Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2009 Total
Statutory/Repair Days	-	-	-	-	-	-	-	-	1.30	-	-	2.67	3.97
Down days	-	-	-	-	-	-	-	-	-	-	-	-	-
Mill Operating Days	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	28.70	31.00	30.00	28.33	361.03
Days in Month	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	365.00
Mill Production (MT)	27,377	24,431	25,801	20,403	28,358	27,443	28,485	28,485	26,371	28,612	27,689	26,148	319,604
Tonnes/Day (Gross Tonnes)	883	873	832	680	915	915	919	919	919	923	923	923	885
kWh/MT (Without losses)	3,180	3,368	3,313	3,545	3,210	3,210	3,210	3,210	3,210	3,210	3,210	3,210	3,257
Transformer Losses/ MT (1.5%)	48	51	50	53	48	48	48	48	48	48	48	48	49
kWh/t - losses included	3,228	3,418	3,363	3,599	3,258	3,258	3,258	3,258	3,258	3,258	3,258	3,258	3,306
Losses - GWh	1.31	1.23	1.28	1.09	1.37	1.32	1.37	1.37	1.27	1.38	1.33	1.26	15.58
Firm Energy (GWh) (Losses included)	88.37	83.52	86.77	73.42	92.39	89.41	92.81	92.81	85.92	93.22	90.21	85.19	1,054.05
Electric Boiler Energy (GWh)	-	-	-	-	-	-	-	-	-	3.00	-	-	3.00
Total Energy (GWh)	88.37	83.52	86.77	73.42	92.39	89.41	92.81	92.81	85.92	96.22	90.21	85.19	1,057.05
GWH/day	2.85	2.98	2.80	2.45	2.98	2.98	2.99	2.99	2.99	3.01	3.01	3.01	2.92
Average MW	118.78	124.28	116.62	101.98	124.19	124.19	124.74	124.74	124.74	125.30	125.30	125.30	121.68
Peak MW	138.70	139.30	139.38	132.53	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80
Load Factor	85.6%	89.2%	83.7%	76.9%	88.8%	88.8%	89.2%	89.2%	89.2%	89.6%	89.6%	89.6%	87.0%
FORECAST													
From DLP (GWh)	68.42	65.85	70.93	66.02	79.00	69.27	72.00	72.00	66.65	72.21	70.08	66.18	838.60
From NLH - Firm (GWh)	19.52	16.14	15.12	7.40	13.39	20.14	20.81	20.81	19.27	20.81	20.14	19.02	212.57
From NLH - Non-firm (GWh)	0.43	1.53	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	2.88
From NLH - Total	19.96	17.66	15.84	7.40	13.39	20.14	20.81	20.81	19.27	21.02	20.14	19.02	215.46
From Steam Turbine (GWh)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
FORECAST TOTAL (GWh)	88.37	83.52	86.77	73.42	92.39	89.41	92.81	92.81	85.92	93.22	90.21	85.19	1,054.05

Supply	Act Jan	Act Feb	Act Mar	Act Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2009 Total
DLP Generation													
Hydro - Deer Lake (MW)	111.00	111.80	111.60	105.60	101.03	104.23	101.73	101.13	102.43	107.23	101.43	106.43	111.80
Deer Lake (GWh)	68.73	67.41	69.98	64.01	76.10	67.18	72.81	72.81	63.96	75.33	69.10	66.05	833.46
D.L. Avg MW	92.37	100.31	94.06	88.90	102.29	93.31	97.86	97.86	92.86	101.24	95.97	97.14	96.19
Hydro-Watson's Bk.(MW)	9.00	4.70	9.20	9.30	9.40	6.20	8.70	9.30	8.00	9.00	9.00	4.00	9.40
W.Bk.(GWh)	4.05	2.51	5.21	4.89	6.00	5.00	2.20	2.20	5.60	3.20	4.20	3.20	48.26
Total Hydro (MW)	115.60	115.60	115.40	110.30	110.43	110.43	110.43	110.43	110.43	116.23	110.43	110.43	116.23
(GWh)	72.78	69.92	75.19	68.90	82.10	72.18	75.01	75.01	69.56	78.53	73.30	69.25	881.72
Hydro Avg/Day (MW)**	97.82	104.04	101.07	95.70	110.35	100.25	100.82	100.82	100.99	105.54	101.80	101.84	101.75
Hydro Avg/Day (GWh)**	2.35	2.50	2.43	2.30	2.65	2.41	2.42	2.42	2.42	2.53	2.44	2.44	2.44
Purchases from NLH													
Power on Order Billing Peak (MW)	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00
CBPPL - Firm (MW)	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00
(GWh)	19.52	16.14	15.12	7.40	13.39	20.14	20.81	20.81	19.27	20.81	20.14	19.02	212.57
Load Factor - Firm	0.73	0.67	0.56	0.29	0.50	0.78	0.78	0.78	0.78	0.78	0.78	0.78	
Non-Firm (Interruptible) (MW)	-	-	-	-	-	-	-	-	-	5.00	-	-	5.00
Energy @ Holyrood Rate (GWh)	-	-	-	-	-	-	-	-	-	0.19	-	-	0.19
Energy @ Gas Turbine Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy @ Diesel Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Interruptible Energy (GWh)	-	-	-	-	-	-	-	-	-	0.19	-	-	0.19
Load Factor - Interruptible	-	-	-	-	-	-	-	-	-	0.05	-	-	
Generaton Outage - Peak Demand (MW)	53.12	79.55	57.07	-	-	-	-	-	-	10.00		-	79.55
Generaton Outage - Usage (days)	4	4	3	-	-	-	-	-	-	8		-	
Energy @ Holyrood Rate (GWh)	0.43	1.53	0.72	-	-	-	-	-	-	0.02	-	-	2.70
Energy @ Gas Turbine Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy @ Diesel Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Generation Outage Energy (GWh)	0.43	1.53	0.72	-	-	-	-	-	-	0.02	-	-	2.70
Load Factor - Generaton Outage	0.01	0.03	0.02	-	-	-	-	-	-	0.01	-		
Total Power Peak - CBPPL (MW)	89.12	115.55	93.07	36.00	36.00	36.00	36.00	36.00	36.00	51.00	36.00	36.00	115.55
(GWh)	19.96	17.66	15.84	7.40	13.39	20.14	20.81	20.81	19.27	21.02	20.14	19.02	215.46
CBPPL Avg. MW	26.82	26.28	21.29	10.28	18.00	27.97	27.97	27.97	27.97	28.25	27.97	27.97	24.87
Steam Turbine (MW)	-	-	-	-	-	-	-	-	-	-	-	-	-
(GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL SUPPLY (MW)	148.00	146.60	150.60	138.80	146.43	146.43	146.43	146.43	146.43	167.23	146.43	146.43	167.23
(GWh)	92.73	87.58	91.03	76.31	95.50	92.32	95.82	95.82	88.83	99.54	93.44	88.26	1,097.18
Plant Output Factors													
Deer Lake - Month	73.90	80.24	75.25	71.12	81.83	74.65	78.29	78.29	71.07	80.99	76.77	71.02	
Deer Lake - Year to Date	73.90	76.91	76.34	75.03	76.43	76.13	76.45	76.68	76.07	76.57	76.59	76.11	
Watson's Brook - Month	55.56	69.32	71.44	69.32	82.29	70.86	79.37	30.17	43.89	59.52	43.89	56.22	
Watson's Brook - Year to Date	55.56	47.29	55.61	59.04	63.81	64.98	59.89	56.10	58.66	57.15	57.36	56.22	

Demand	Act Jan	Act Feb	Act Mar	Act Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2009 Total
CBPPL (Production) (MW)	138.70	139.30	139.38	132.53	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80
CBPPL (Production) (GWh)	88.37	83.52	86.77	73.42	92.39	89.41	92.81	92.81	85.92	93.22	90.21	85.19	1,054.05
Electric Boiler (MW)	-	-	-	-	-	-	-	-	-	20.00	-	-	20.00
Electric Boiler (GWh)	-	-	-	-	-	-	-	-	-	3.00	-	-	3.00
Losses (MW)	8.30	6.30	10.22	5.27	5.63	5.63	5.63	5.63	5.63	6.43	5.63	5.63	10.22
Losses (GWh)	3.89	3.65	3.81	2.48	2.78	2.69	2.79	2.79	2.59	2.90	2.72	2.57	35.66
Auxiliaries (MW)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Auxillaries (GWh)	0.47	0.41	0.45	0.38	0.32	0.22	0.22	0.22	0.32	0.42	0.50	0.50	4.43
Retail Sales (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
SECONDARY To N&LH (GWh)	-	0.00	0.00	0.02	-	-	-	-	-	-	-	-	0.03
SECONDARY To CBPPL (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
SECONDARY TOTAL (GWh)	-	0.00	0.00	0.02	-	-	-	-	-	-	-	-	0.03
Transfer to NLH (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL DEMAND (MW)	148.00	146.60	150.60	138.80	146.43	146.43	146.43	146.43	146.43	167.23	146.43	146.43	167.23
TOTAL DEMAND (GWH)	92.73	87.58	91.03	76.31	95.50	92.32	95.82	95.82	88.83	99.54	93.44	88.26	1,097.18

Summary	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MILL OPERATING DATA:													
STATUTORY/REPAIR DAYS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	2.67	3.97
DOWN DAYS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OPERATING DAYS	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	28.70	31.00	30.00	28.33	361.03
DAYS IN MONTH	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	365.00
TONNES/DAY	908	910	911	915	915	915	919	919	919	923	923	923	917
KWH/TONNE (Losses incl)	3273	3273	3273	3273	3273	3273	3273	3273	3273	3273	3273	3273	3273
AVERAGE LOAD - MW	123.83	124.12	124.30	124.77	124.77	124.77	125.33	125.33	125.32	125.88	125.88	125.89	125.01
PURCHASED POWER:													
FIRM Total - GWh	20.59	18.60	20.59	19.93	20.59	19.93	20.59	20.59	19.07	20.59	19.93	18.82	239.84
FIRM Total - MW	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00
FIRM Average - MW	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68
NON-FIRM Total - GWh	1.33	1.27	1.33	0.56	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	4.69
NON-FIRM Total - MW	25.00	25.00	25.00	25.00	5.00	5.00	5.00	5.00	5.00	15.00	5.00	5.00	25.00
TOTAL PURCHASED - GWh	21.92	19.87	21.92	20.49	20.59	19.93	20.59	20.59	19.07	20.80	19.93	18.82	244.53
TOTAL PURCHASED - MW	57.00	57.00	57.00	57.00	37.00	37.00	37.00	37.00	37.00	47.00	37.00	37.00	57.00
AVERAGE PURCHASED	29.46	29.57	29.46	28.46	27.68	27.68	27.68	27.68	27.68	27.96	27.68	27.68	28.22
HYDRO SYSTEM:													
Deer Lake - GWh	70.28	63.79	71.12	68.22	69.35	67.82	73.47	70.07	64.58	75.99	69.74	66.65	831.09
Watson's Brook - GWh	3.20	2.70	2.70	4.20	6.00	5.00	2.20	5.60	5.60	3.20	4.20	3.20	47.80
TOTAL - GWh	73.48	66.49	73.82	72.42	75.35	72.82	75.67	75.67	70.18	79.19	73.94	69.85	878.89
Hydro System - AVG MW	98.77	98.94	99.22	100.59	101.27	101.14	101.71	101.71	101.88	106.44	102.70	102.74	101.43
LOSSES:													
(GWh)	2.78	2.52	2.79	2.71	2.79	2.70	2.80	2.80	2.60	2.91	2.73	2.58	32.72
Percent	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%

Mill Consumption	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Statutory/Repair Days	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	2.67	3.97
Down days	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plant Operating Days	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	28.70	31.00	30.00	28.33	361.03
Days in Month	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	365.00
Mill Production (MT)	28,146	25,480	28,252	27,443	28,358	27,443	28,485	28,485	26,371	28,612	27,689	26,148	330,912
Tonnes/Day (Gross Tonnes)	908	910	911	915	915	915	919	919	919	923	923	923	917
kWh/MT (Without losses)	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225
Transformer Losses/ MT (1.5%)	48	48	48	48	48	48	48	48	48	48	48	48	48
kWh/t - losses included	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273
Losses - GWh	1.36	1.23	1.37	1.33	1.37	1.33	1.38	1.38	1.28	1.38	1.34	1.26	16.01
Energy (GWh) (Losses included)	92.13	83.41	92.48	89.83	92.83	89.83	93.24	93.24	86.32	93.66	90.64	85.59	1083.20
GWh/day	2.97	2.98	2.98	2.99	2.99	2.99	3.01	3.01	3.01	3.02	3.02	3.02	3.00
Average MW	123.83	124.12	124.30	124.77	124.77	124.77	125.33	125.33	125.32	125.88	125.88	125.89	125.01
Peak MW	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80
Load Factor	88.6%	88.8%	88.9%	89.2%	89.2%	89.2%	89.6%	89.6%	89.6%	90.0%	90.0%	90.0%	0.89
FORECAST													
From DLP (GWh)	70.21	63.53	70.56	69.34	72.23	69.90	72.65	72.65	67.26	72.86	70.71	66.77	838.67
From NLH - Firm (GWh)	20.59	18.60	20.59	19.93	20.59	19.93	20.59	20.59	19.07	20.59	19.93	18.82	239.84
From NLH - Non-firm (GWh)	1.33	1.27	1.33	0.56	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	4.69
From NLH - Total	21.92	19.87	21.92	20.49	20.59	19.93	20.59	20.59	19.07	20.80	19.93	18.82	244.53
From Steam Turbine (GWh)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
FORECAST TOTAL (GWh)	92.13	83.41	92.48	89.83	92.83	89.83	93.24	93.24	86.32	93.66	90.64	85.59	1,083.20

Supply	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
DLP Generation													
Hydro - Deer Lake (MW)	85.43	85.43	85.43	79.83	100.03	103.23	100.73	100.13	101.43	111.23	100.43	105.43	111.23
Deer Lake (GWh)	70.28	63.79	71.12	68.22	69.35	67.82	73.47	70.07	64.58	75.99	69.74	66.65	831.09
D.L. Avg MW	94.46	94.92	95.59	94.76	93.21	94.20	98.75	94.18	93.75	102.14	96.86	98.03	95.92
Hydro-Watson's Bk.(MW)	4.00	4.00	4.00	9.60	9.40	6.20	8.70	9.30	8.00	9.00	9.00	4.00	9.60
W.Bk.(GWh)	3.20	2.70	2.70	4.20	6.00	5.00	2.20	5.60	5.60	3.20	4.20	3.20	47.80
Total Hydro (MW)	89.43	89.43	89.43	89.43	109.43	109.43	109.43	109.43	109.43	120.23	109.43	109.43	120.23
(GWh)	73.48	66.49	73.82	72.42	75.35	72.82	75.67	75.67	70.18	79.19	73.94	69.85	878.89
Hydro Avg/Day (MW)**	98.77	98.94	99.22	100.59	101.27	101.14	101.71	101.71	101.88	106.44	102.70	102.74	101.43
Hydro Avg/Day (GWh)**	2.37	2.37	2.38	2.41	2.43	2.43	2.44	2.44	2.45	2.55	2.46	2.47	2.43
Purchases from NLH													
Power on Order Billing Peak (MW)	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00
CBPPL - Firm (MW)	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00
(GWh)	20.59	18.60	20.59	19.93	20.59	19.93	20.59	20.59	19.07	20.59	19.93	18.82	239.84
Load Factor - Firm	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	
Non-Firm (Interruptible) (MW)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Energy @ Holyrood Rate (GWh)	0.56	0.50	0.56	0.18	-	-	-	-	-	0.19	-	-	1.99
Energy @ Gas Turbine Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy @ Diesel Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Interruptible Energy (GWh)	0.56	0.50	0.56	0.18	-	-	-	-	-	0.19	-	-	1.99
Load Factor - Interruptible	0.15	0.15	0.15	0.05	-	-	-	-	-	0.05	-	-	
Generaton Outage - Peak Demand (MW)	20.00	20.00	20.00	20.00	-	-	-	-	-	10.00	-	-	20.00
Generaton Outage - Usage (days)	4	4	4	2	-	-	-	-	-	8	-	-	
Energy @ Holyrood Rate (GWh)	0.77	0.77	0.77	0.38	-	-	-	-	-	0.02	-	-	2.71
Energy @ Gas Turbine Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy @ Diesel Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Generation Outage Energy (GWh)	0.77	0.77	0.77	0.38	-	-	-	-	-	0.02	-	-	2.71
Load Factor - Generaton Outage	0.40	0.40	0.40	0.40	-	-	-	-	-	0.01	-	-	
Total - CBPPL (MW)	57.00	57.00	57.00	57.00	37.00	37.00	37.00	37.00	37.00	47.00	37.00	37.00	57.00
(GWh)	21.92	19.87	21.92	20.49	20.59	19.93	20.59	20.59	19.07	20.80	19.93	18.82	244.53
CBPPL Avg. MW	29.46	29.57	29.46	28.46	27.68	27.68	27.68	27.68	27.68	27.96	27.68	27.68	28.22
Steam Turbine (MW)	-	-	-	-	-	-	-	-	-	-	-	-	-
(GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL SUPPLY (MW)	146.43	146.43	146.43	146.43	146.43	146.43	146.43	146.43	146.43	167.23	146.43	146.43	167.23
(GWh)	95.40	86.36	95.74	92.92	95.94	92.75	96.27	96.27	89.24	99.99	93.87	88.67	1,123.42

Plant Output Factors

Deer Lake - Month	75.57	75.94	76.47	75.80	74.57	75.36	79.00	75.35	71.75	81.71	77.49	71.67
Deer Lake - Year to Date	75.57	75.75	76.00	75.95	75.66	75.61	76.11	76.01	75.54	76.17	76.29	75.90
Watson's Brook - Month	43.89	41.00	37.03	59.52	82.29	70.86	30.17	76.80	79.37	43.89	59.52	43.89
Watson's Brook - Year to Date	43.89	42.52	40.63	45.35	52.94	55.91	52.14	55.29	57.94	56.50	56.77	55.68

Demand	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CBPPL (Production) (MW)	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80
CBPPL (Production) (GWh)	92.13	83.41	92.48	89.83	92.83	89.83	93.24	93.24	86.32	93.66	90.64	85.59	1,083.20
Electric Boiler (MW)	-	-	-	-	-	-	-	-	-	20.00	-	-	20.00
Electric Boiler (GWh)	-	-	-	-	-	-	-	-	-	3.00	-	-	3.00
Losses (MW)	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	6.43	5.63	5.63	6.43
Losses (GWh)	2.78	2.52	2.79	2.71	2.79	2.70	2.80	2.80	2.60	2.91	2.73	2.58	32.72
Auxiliaries (MW)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Auxiliaries (GWh)	0.49	0.44	0.47	0.38	0.32	0.22	0.22	0.22	0.32	0.42	0.50	0.50	4.50
Retail Sales (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
SECONDARY To N&LH (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
SECONDARY To CBPPL (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
SECONDARY TOTAL (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer to NLH (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL DEMAND (MW)	146.43	146.43	146.43	146.43	146.43	146.43	146.43	146.43	146.43	167.23	146.43	146.43	167.23
TOTAL DEMAND (GWh)	95.40	86.36	95.74	92.92	95.94	92.75	96.27	96.27	89.24	99.99	93.87	88.67	1,123.42

Summary	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
MILL OPERATING DATA:													
STATUTORY/REPAIR DAYS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	2.67	3.97
DOWN DAYS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OPERATING DAYS	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	28.70	31.00	30.00	28.33	361.03
DAYS IN MONTH	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	365.00
TONNES/DAY	908	910	911	915	915	915	919	919	919	923	923	923	917
KWH/TONNE (Losses incl)	3273	3273	3273	3273	3273	3273	3273	3273	3273	3273	3273	3273	3273
AVERAGE LOAD - MW	123.83	124.12	124.30	124.77	124.77	124.77	125.33	125.33	125.32	125.88	125.88	125.89	125.01
PURCHASED POWER:													
FIRM Total - GWh	20.59	18.60	20.59	19.93	20.59	19.93	20.59	20.59	19.07	20.59	19.93	18.82	239.84
FIRM Total - MW	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00
FIRM Average - MW	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68	27.68
NON-FIRM Total - GWh	1.33	1.27	1.33	0.56	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	4.69
NON-FIRM Total - MW	25.00	25.00	25.00	25.00	5.00	5.00	5.00	5.00	5.00	15.00	5.00	5.00	25.00
TOTAL PURCHASED - GWh	21.92	19.87	21.92	20.49	20.59	19.93	20.59	20.59	19.07	20.80	19.93	18.82	244.53
TOTAL PURCHASED - MW	57.00	57.00	57.00	57.00	37.00	37.00	37.00	37.00	37.00	47.00	37.00	37.00	57.00
AVERAGE PURCHASED	29.46	29.57	29.46	28.46	27.68	27.68	27.68	27.68	27.68	27.96	27.68	27.68	28.22
HYDRO SYSTEM:													
Deer Lake - GWh	70.28	63.79	71.12	68.22	69.35	67.82	73.47	70.07	64.58	75.99	69.74	66.65	831.09
Watson's Brook - GWh	3.20	2.70	2.70	4.20	6.00	5.00	2.20	5.60	5.60	3.20	4.20	3.20	47.80
TOTAL - GWh	73.48	66.49	73.82	72.42	75.35	72.82	75.67	75.67	70.18	79.19	73.94	69.85	878.89
Hydro System - AVG MW	98.77	98.94	99.22	100.59	101.27	101.14	101.71	101.71	101.88	106.44	102.70	102.74	101.43
LOSSES:													
(GWh)	2.78	2.52	2.79	2.71	2.79	2.70	2.80	2.80	2.60	2.91	2.73	2.58	32.72
Percent	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%

Mill Consumption	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Statutory/Repair Days	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	2.67	3.97
Down days	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plant Operating Days	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	28.70	31.00	30.00	28.33	361.03
Days in Month	31.00	28.00	31.00	30.00	31.00	30.00	31.00	31.00	30.00	31.00	30.00	31.00	365.00
Mill Production (MT)	28,146	25,480	28,252	27,443	28,358	27,443	28,485	28,485	26,371	28,612	27,689	26,148	330,912
Tonnes/Day (Gross Tonnes)	908	910	911	915	915	915	919	919	919	923	923	923	917
kWh/MT (Without losses)	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225
Transformer Losses/ MT (1.5%)	48	48	48	48	48	48	48	48	48	48	48	48	48
kWh/t - losses included	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273	3,273
Losses - GWh	1.36	1.23	1.37	1.33	1.37	1.33	1.38	1.38	1.28	1.38	1.34	1.26	16.01
Energy (GWh) (Losses included)	92.13	83.41	92.48	89.83	92.83	89.83	93.24	93.24	86.32	93.66	90.64	85.59	1,083.20
GWH/day	2.97	2.98	2.98	2.99	2.99	2.99	3.01	3.01	3.01	3.02	3.02	3.02	3.00
Average MW	123.83	124.12	124.30	124.77	124.77	124.77	125.33	125.33	125.32	125.88	125.88	125.89	125.01
Peak MW	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80
Load Factor	88.6%	88.8%	88.9%	89.2%	89.2%	89.2%	89.6%	89.6%	89.6%	90.0%	90.0%	90.0%	89.4%
FORECAST													
From DLP (GWh)	70.21	63.53	70.56	69.34	72.23	69.90	72.65	72.65	67.26	72.86	70.71	66.77	838.67
From NLH - Firm (GWh)	20.59	18.60	20.59	19.93	20.59	19.93	20.59	20.59	19.07	20.59	19.93	18.82	239.84
From NLH - Non-firm (GWh)	1.33	1.27	1.33	0.56	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	4.69
From NLH - Total	21.92	19.87	21.92	20.49	20.59	19.93	20.59	20.59	19.07	20.80	19.93	18.82	244.53
From Steam Turbine (GWh)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
FORECAST TOTAL (GWh)	92.13	83.41	92.48	89.83	92.83	89.83	93.24	93.24	86.32	93.66	90.64	85.59	1,083.20

Supply	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
DLP Generation													
Hydro - Deer Lake (MW)	85.43	85.43	85.43	79.83	100.03	103.23	100.73	100.13	101.43	111.23	100.43	105.43	111.23
Deer Lake (GWh)	70.28	63.79	71.12	68.22	69.35	67.82	73.47	70.07	64.58	75.99	69.74	66.65	831.09
D.L. Avg MW	94.46	94.92	95.59	94.76	93.21	94.20	98.75	94.18	93.75	102.14	96.86	98.03	95.92
Hydro-Watson's Bk.(MW)	4.00	4.00	4.00	9.60	9.40	6.20	8.70	9.30	8.00	9.00	9.00	4.00	9.60
W.Bk.(GWh)	3.20	2.70	2.70	4.20	6.00	5.00	2.20	5.60	5.60	3.20	4.20	3.20	47.80
Total Hydro (MW)	89.43	89.43	89.43	89.43	109.43	109.43	109.43	109.43	109.43	120.23	109.43	109.43	120.23
(GWh)	73.48	66.49	73.82	72.42	75.35	72.82	75.67	75.67	70.18	79.19	73.94	69.85	878.89
Hydro Avg/Day (MW)**	98.77	98.94	99.22	100.59	101.27	101.14	101.71	101.71	101.88	106.44	102.70	102.74	101.43
Hydro Avg/Day (GWh)**	2.37	2.37	2.38	2.41	2.43	2.43	2.44	2.44	2.45	2.55	2.46	2.47	2.43
Purchases from NLH													
Power on Order Billing Peak (MW)	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00
CBPPL - Firm (MW)	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00
(GWh)	20.59	18.60	20.59	19.93	20.59	19.93	20.59	20.59	19.07	20.59	19.93	18.82	239.84
Load Factor - Firm	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	
Non-Firm (Interruptible) (MW)	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Energy @ Holyrood Rate (GWh)	0.56	0.50	0.56	0.18	-	-	-	-	-	0.19	-	-	1.99
Energy @ Gas Turbine Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy @ Diesel Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Interruptible Energy (GWh)	0.56	0.50	0.56	0.18	-	-	-	-	-	0.19	-	-	1.99
Load Factor - Interruptible	0.15	0.15	0.15	0.05	-	-	-	-	-	0.05	-	-	
Generaton Outage - Peak Demand (MW)	20.00	20.00	20.00	20.00	-	-	-	-	-	10.00		-	20.00
Generation Outage - Usage (days)	4	4	4	2	-	-	-	-	-	8		-	
Energy @ Holyrood Rate (GWh)	0.77	0.77	0.77	0.38	-	-	-	-	-	0.02	-	-	2.71
Energy @ Gas Turbine Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy @ Diesel Rate (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Generation Outage Energy (GWh)	0.77	0.77	0.77	0.38	-	-	-	-	-	0.02	-	-	2.71
Load Factor - Generation Outage	0.40	0.40	0.40	0.40	-	-	-	-	-	0.01	-	-	
Total - CBPPL (MW)	57.00	57.00	57.00	57.00	37.00	37.00	37.00	37.00	37.00	47.00	37.00	37.00	57.00
(GWh)	21.92	19.87	21.92	20.49	20.59	19.93	20.59	20.59	19.07	20.80	19.93	18.82	244.53
CBPPL Avg. MW	29.46	29.57	29.46	28.46	27.68	27.68	27.68	27.68	27.68	27.96	27.68	27.68	28.22
Steam Turbine (MW)	-	-	-	-	-	-	-	-	-	-	-	-	-
(GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL SUPPLY (MW)	146.43	146.43	146.43	146.43	146.43	146.43	146.43	146.43	146.43	167.23	146.43	146.43	167.23
(GWh)	95.40	86.36	95.74	92.92	95.94	92.75	96.27	96.27	89.24	99.99	93.87	88.67	1,123.42
Plant Output Factors													
Deer Lake - Month	75.57	75.94	76.47	75.80	74.57	75.36	79.00	75.35	71.75	81.71	77.49	71.67	
Deer Lake - Year to Date	75.57	75.75	76.00	75.95	75.66	75.61	76.11	76.01	75.54	76.17	76.29	75.90	
Watson's Brook - Month	43.89	41.00	37.03	59.52	82.29	70.86	30.17	76.80	79.37	43.89	59.52	43.89	
Watson's Brook - Year to Date	43.89	42.52	40.63	45.35	52.94	55.91	52.14	55.29	57.94	56.50	56.77	55.68	

Demand	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
CBPPL (Production) (MW)	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80	139.80
CBPPL (Production) (GWh)	92.13	83.41	92.48	89.83	92.83	89.83	93.24	93.24	86.32	93.66	90.64	85.59	1,083.20
Electric Boiler (MW)	-	-	-	-	-	-	-	-	-	20.00	-	-	20.00
Electric Boiler (GWh)	-	-	-	-	-	-	-	-	-	3.00	-	-	3.00
Losses (MW)	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	6.43	5.63	5.63	6.43
Losses (GWh)	2.78	2.52	2.79	2.71	2.79	2.70	2.80	2.80	2.60	2.91	2.73	2.58	32.72
Auxiliaries (MW)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Auxiliaries (GWh)	0.49	0.44	0.47	0.38	0.32	0.22	0.22	0.22	0.32	0.42	0.50	0.50	4.50
Retail Sales (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
SECONDARY To N&LH (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
SECONDARY To CBPPL (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
SECONDARY TOTAL (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer to NLH (GWh)	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL DEMAND (MW)	146.43	146.43	146.43	146.43	146.43	146.43	146.43	146.43	146.43	167.23	146.43	146.43	167.23
TOTAL DEMAND (GWh)	95.40	86.36	95.74	92.92	95.94	92.75	96.27	96.27	89.24	99.99	93.87	88.67	1,123.42

**Deer Lake Power
Forecast - 2012 to 2014
Power and Energy Consumption - CBPPL**

<u>CBPPL</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Mill Operating Data			
Statutory/Repair Days	3.97	3.97	3.97
Down Days	0.00	0.00	0.00
Operating Days	362.03	361.03	361.03
Days in Year	366.00	365.00	365.00
Tonnes/Day	917	917	917
Production (MT)	331,822	330,912	330,912
kWh/Tonne (Losses Incl)	3,273	3,273	3,273
Energy (GWh) Losses Incl	1,086.18	1,083.20	1,083.20
Average Load (MW)	125.01	125.01	125.01
Peak (MW)	139.80	139.80	139.80
Load Factor	89.4%	89.4%	89.4%
Purchased Power			
Firm Total - GWh	240.50	239.84	239.84
Firm Total - MW	32.00	32.00	32.00
Firm Average - MW	27.68	27.68	27.68
Non-Firm Total - GWh	4.71	4.69	4.69
Non-Firm Total - MW	25.00	25.00	25.00
Total Purchased - GWh	245.21	244.53	244.53
Total Purchased - MW	57.00	57.00	57.00
Average Purchases	28.22	28.22	28.22
Hydro System:			
Deer Lake - GWh	833.47	831.09	831.09
Watson's Brook - GWh	47.80	47.80	47.80
Total - GWh	881.27	878.89	878.89
Hydro System - Avg MW	101.43	101.43	101.43



{In Archive} RE: Load Forecast and Co-generation Production Forecast

Marks, Larry to: RHenderson

07/24/2009 11:37 AM

History: This message has been replied to and forwarded.

Archive: This message is being viewed in an archive.

1 attachment



Load Projection CBPP 2009-2010.xls

Rob , Please find attached the Load Projections for CBPP for 2090-2010 up until July of next year. these are my best estimates based on our limited operating experience as the Mill learns to run with 2 Machines.

thanks,

Larry

-----Original Message-----

From: RHenderson@nlh.nl.ca [mailto:RHenderson@nlh.nl.ca]

Sent: Wednesday, July 08, 2009 12:42 PM

To: Marks, Larry

Cc: PaulStratton@nlh.nl.ca; SystemOperations@nlh.nl.ca;

KevinGoulding@nlh.nl.ca

Subject: Load Forecast and Co-generation Production Forecast

Hi Larry,

We are reviewing our production requirements in light of the indefinite shutdown of the No. 4 paper machine and would like you to provide a forecast by month of the new production levels from the co-generation unit and also your monthly forecast of energy purchases from Hydro.

The shutdown of the paper machine and co-generation production will have significant impacts on our generation scheduling and water management. In order to most effectively schedule our production we will modify our total load projections to reflect your estimates. We would appreciate receiving these at your earliest convenience.

Thanks,

Rob

(Embedded image moved to Rob Henderson, P. Eng.

file: pic16386.jpg) Mgr.Sys. Oper. & Cus. Serv.

System Operations/Cust. Serv.

Newfoundland and Labrador Hydro - a Nalcor
Energy company
t. 709 737-1752 c. 709 682-3190 f.
709 737-1318
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w. www.nlh.nl.ca

File 65.15/4.00

Load Projection CBPP 2009-2010

Month	Operating Days	Cogen Output MW	Cogen Output gwh	Purchased Power Required gwh
August	31	3.8	2.8272	12.462
September	28.5	3.9	2.6676	11.457
October	31	6.3	4.6872	12.462
November	30	7.1	5.112	12.06
December	28.5	7.6	5.1984	11.457
January	31	9.3	6.9192	12.462
February	28	8.8	5.9136	11.256
March	31	7.3	5.4312	12.462
April	30	6.9	4.968	12.06
May	31	6.4	4.7616	12.462
June	30	4.4	3.168	12.06
July	31	3.8	2.8272	12.462