P-886 ORIGINAL N-2(f)

Nova Scotia Utility and Review Board

IN THE MATTER OF *The Public Utilities Act,* R.S.N.S. 1989, c.380, as amended

- and -

IN THE MATTER OF an Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

NSPI IR RESPONSES

Liberty 50 – 81

MEUNSC 1 – 18

NSDOE 1 – 10

SEB 1 – 29

RECEIVED
NOV 21 2006
Nova Scotia
Utility and Review Board

Volume 6

November 20, 2006

Redacted

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-50: **What volumes are assumed to be available under the NSPI gas contract going forward? Show quantities by month for the remainder of 2006 and all of the rate year (2007). What is the basis for that assumption?**

Response IR-50: Attachment 1 provides the forecasted volumes assumed to be available under the NSPI gas contract [redacted]

The basis of the forecast assumption is the historical performance of the SOEP supply, in 2006 NSPI has experienced [redacted] supply interruptions and has forecast approximately [redacted] for the 2007 supply. 2005 [redacted]

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-51: **When will the compression added during 2006 by the SOEP project enter service? Has that additional compression been taken into account in the Company's estimate of gas volumes available in 2007? What effect has that additional compression had on the Company's estimate of available gas volumes?**

Response IR-51: The compression project is due to come on line in mid to late November 2006 and has been taken into account. NSPI also considers that, as infrastructure is reworked and additions are made to the project, it has underperformed expectations and supplies have been disrupted due to technical challenges such as sand lifting, water production, mechanical failures and maintenance.

[redacted]

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-52: **What other factors will affect the availability of gas under the NSPI gas contract during 2007? What assumptions has the Company made about those factors for the forecast period (2007)?**

Response IR-52: NSPI is not aware of other factors that will affect the availability of gas under the natural gas contracts during 2007.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-53: **What factors will affect the availability of other sources of gas supply that the Company either has under contract, or expects of have under contract, during 2007? What assumptions has the Company made about those factors?**

Response IR-53: NSPI does not expect to have any other gas under contract during 2007 aside from [redacted] currently has.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-54: **How has the Company used the volumes made available under its gas supply contract? Please show separately the volumes burned in the combustion turbines at Tufts Cove, and those burned in the steam units, by month for 2005 and 2006 year-to-date, and by month as forecast for the balance of 2006 and all of 2007.**

Response IR-54: Please refer to Confidential Attachment 1 which provides the details on how NSPI used the volumes made available under its natural gas supply contract [redacted] for 2005, 2006 YTD (October), forecast for the balance of 2006 and forecast for 2007.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: **NSPI**

FROM: Liberty **REDACTED**

Question IR-55: **Provide the Company's calculation of each of the three components of the Commodity Rate under the gas supply contract for each of the months of 2005 and year-to-date in 2006. For the same months, provide copies of the invoices from its gas supplier to the Company for the gas supplied.**

Response IR-55: Please refer to Attachment 1 for NSPI's calculation of [redacted] under the gas supply contract, for each month in 2005 and year-to-date 2006 (September).

Please refer to Attachment 2 for copies [redacted] invoices to NSPI for gas supplied for each month in 2005 and year-to-date 2006.

Please refer to Attachment 3 for the invoice [redacted] with revised commodity rates [redacted]

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-56: **Please provide the Company's forecast of each of the same three components for each of the remaining months of 2006 and each of the months of 2007. Also, please provide the basis for the forecast; e.g., forward price curves on a certain date.**

Response IR-56: Confidential Attachment 1 provides the forecasted [redacted] the remaining months in 2006 (October to December). The pricing date used for this price forecast is the forward curve as of August 31, 2006.

Please refer to Confidential Liberty IR-43 Attachment 6 and Attachment 14 for the forecasted [redacted]. The pricing date used for this price forecast is the forward curve as of July 31, 2006.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-57: **Please provide a current copy of the Company's contracts for natural gas transportation service on the Maritimes and Northeast Pipeline system. Further, please explain why the Company has two contracts (service agreements) with M&NE, and explain the volumes in the two contracts (16,600 MMBtu/day and 45,000 MMBtu/day).**

Response IR-57: This confidential information is available for viewing at NSPI Offices. Please refer to Liberty IR-15. NSPI has two contracts because the original negotiations were phased with regard to the volumes required to support the building of the lateral to Halifax and the conversion of the three Tufts Cove units to dual fire oil and natural gas.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-58: **Section 6.1 of the NSPI gas supply contract provides for Deficiency Payments by the gas supplier to NSPI in the event that the gas supplier does not deliver the Daily Contract Quantity. Provide copies of each of the invoices that NSPI has submitted to its gas supplier for the referenced Deficiency Payments, and provide working papers for the determination of the amounts in each invoice. Further, detail the amounts and dates of any Deficiency Payments received.**

Response IR-58: Please refer to Confidential Attachment 1 for copies of invoices for the period January 2005 to August 2005. There have not been any Deficiency Payments for the remainder of 2005 and year to date 2006.

Please refer to Confidential Attachment 2 for copies of NSPI working papers for the period January 2005 to August 2005.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-59: **Please describe any changes made in 2005 or 2006 to date, or any planned future changes to the two turbines at Tufts Cove to make them capable of using light fuel oil (LFO), rather than natural gas.**

Response IR-59: At this time NSPI has made no changes and has no plans to make changes that would enable the two turbines at Tufts Cove to use light fuel oil rather than natural gas.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-60: **Does the Company buy natural gas <u>other than</u> under its gas supply contract? If so, from whom? Provide copies of any other gas-supply contracts, and provide statements of the quantities bought and prices paid under each contract for each month in 2005, year-to-date in 2006, and forecast for the balance of 2006 and 2007.**

Response IR-60: Please refer to Confidential Attachment 1 for all purchases for 2005 and Confidential Attachment 2 for 2006 purchases year-to-date of natural gas not supplied under its gas supply contract. There are no gas-supply contracts associated with these purchases. These are open market purchases done for short-term balancing purposes.

No volumes are forecast for balance 2006 and 2007.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-61: **What arrangements does the Company have for the sale of any natural gas that it acquires, but does not use in its generating facilities? Where is the gas sold and how is it priced? Provide details of how those arrangements were determined, including a copy of any request for proposals issued in connection with the sale, copies of each proposal that the Company received in response to its request for proposals, and copies of any internal evaluations of the bids, including any recommendations for contracting.**

Response IR-61: NSPI has a resale contract [redacted] The gas is sold at [redacted], at the interconnect [redacted] Monthly baseload gas is priced using [redacted], as published in [redacted], with a premium/discount depending on the season with a [redacted] for variable costs from [redacted]. to [redacted]. [redacted], as published in [redacted], with [redacted] for variable costs from [redacted], subject to a premium based on the contract.

This contract was awarded via an RFP process, managed [redacted] This confidential information is available for viewing at NSPI offices. Please refer to Avon IR-11.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-62: **For NSPI's gas sales, provide details of the quantities sold and prices received for each month of 2005, and year-to-date for 2006. Provide comparable monthly estimates for the balance of 2006 and all of 2007.**

Response IR-62: Please refer to SEB IR-47 Attachment 1 for details regarding NSPI's 2005 and 2006 year-to-date actual quantities sold and prices received for natural gas.

Confidential Attachment 1 provides the details of the October to December 2006 forecasted quantities sold and prices received for natural gas.

Confidential Attachment 2 provides the details of the 2007 forecasted quantities sold and prices received for natural gas.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

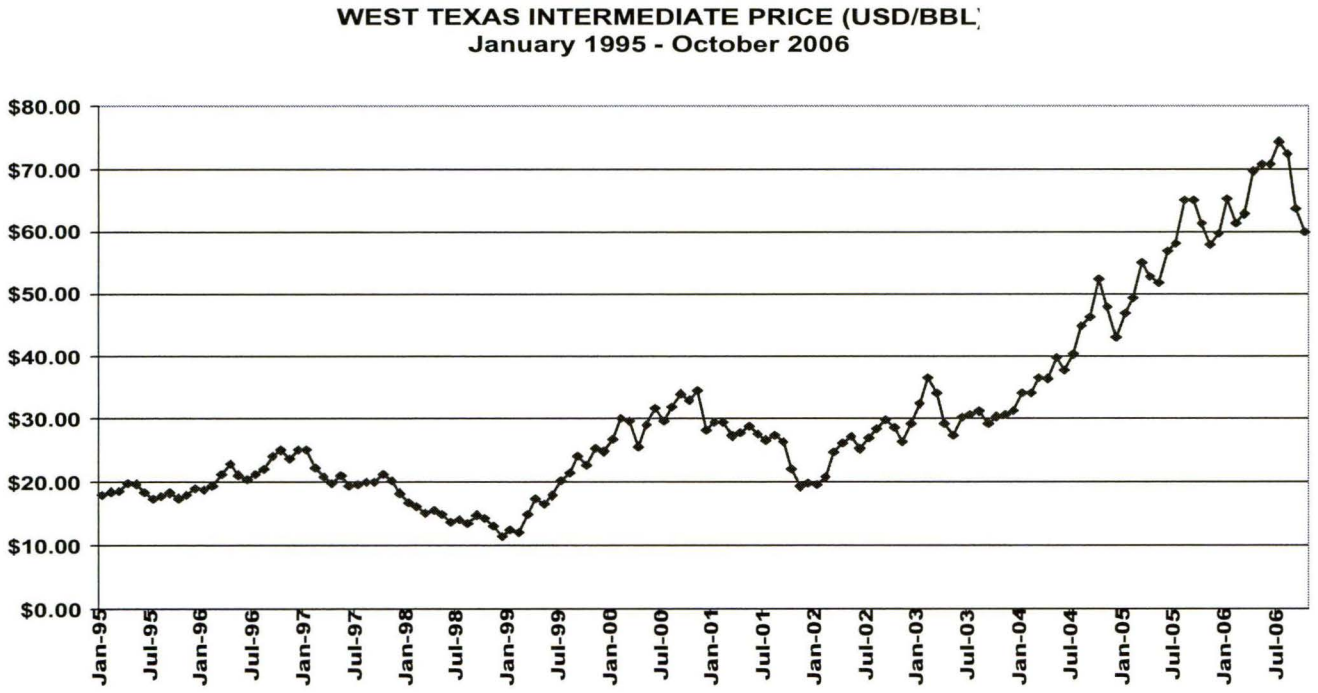
TO: NSPI

FROM: Liberty **REDACTED**

Question IR-63: **With respect to the Notice of Application and Direct Evidence of NSPI, please provide updates to the following figures, and where not already indicated, please identify and provide the source data for each of the figures:**
Figure 2.3.1 through Figure 2.3.10;
Figure 2.3 through Figure 2.6.

Response IR-63: The revised figures are as follows:

Figure 2.3.1



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

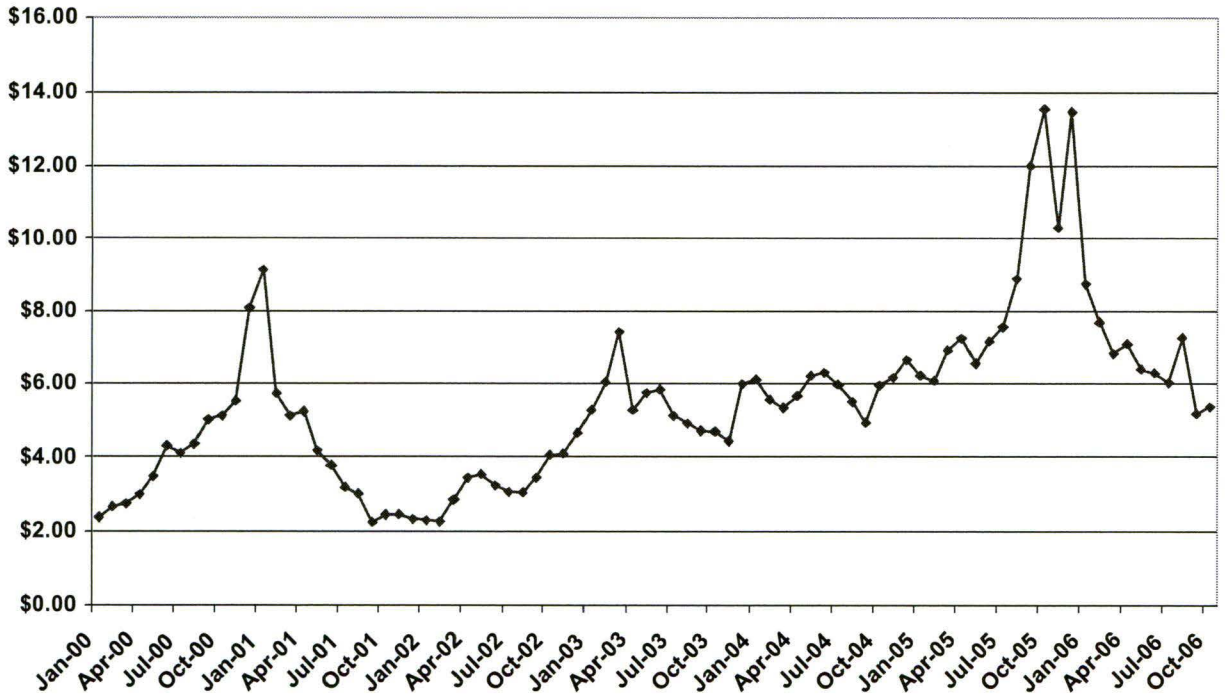
Response IR-63: (Cont'd)

Figure 2.3.2

Data are from an annual forecast which has not been revised since the data of the Application.

Figure 2.3.3

AVERAGE MONTHLY HENRY HUB NATURAL GAS PRICES (USD/MMBtu
January 2000 - October 2006



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

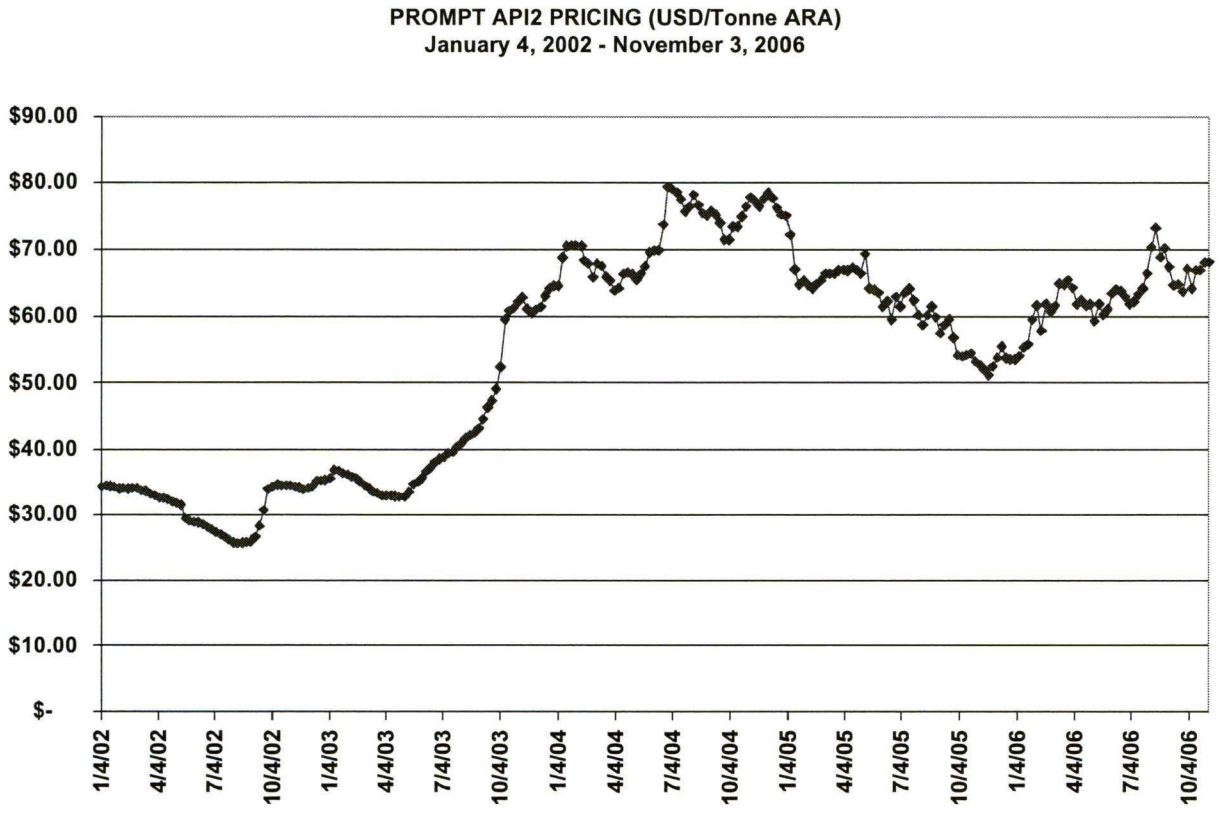
RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.3.4



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

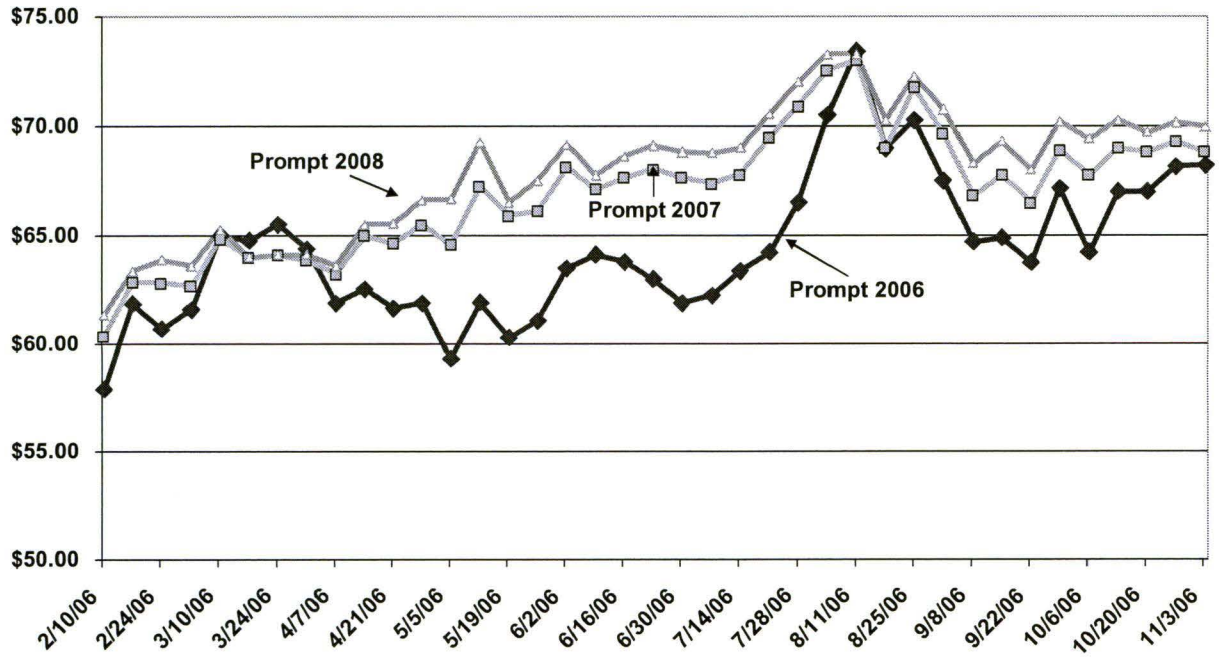
TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.3.5

PROMPT PRICING VERSUS THE FORWARD PRICE CURVES FOR API2
(USD/Tonne)
February 2006 - November 3, 2006



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

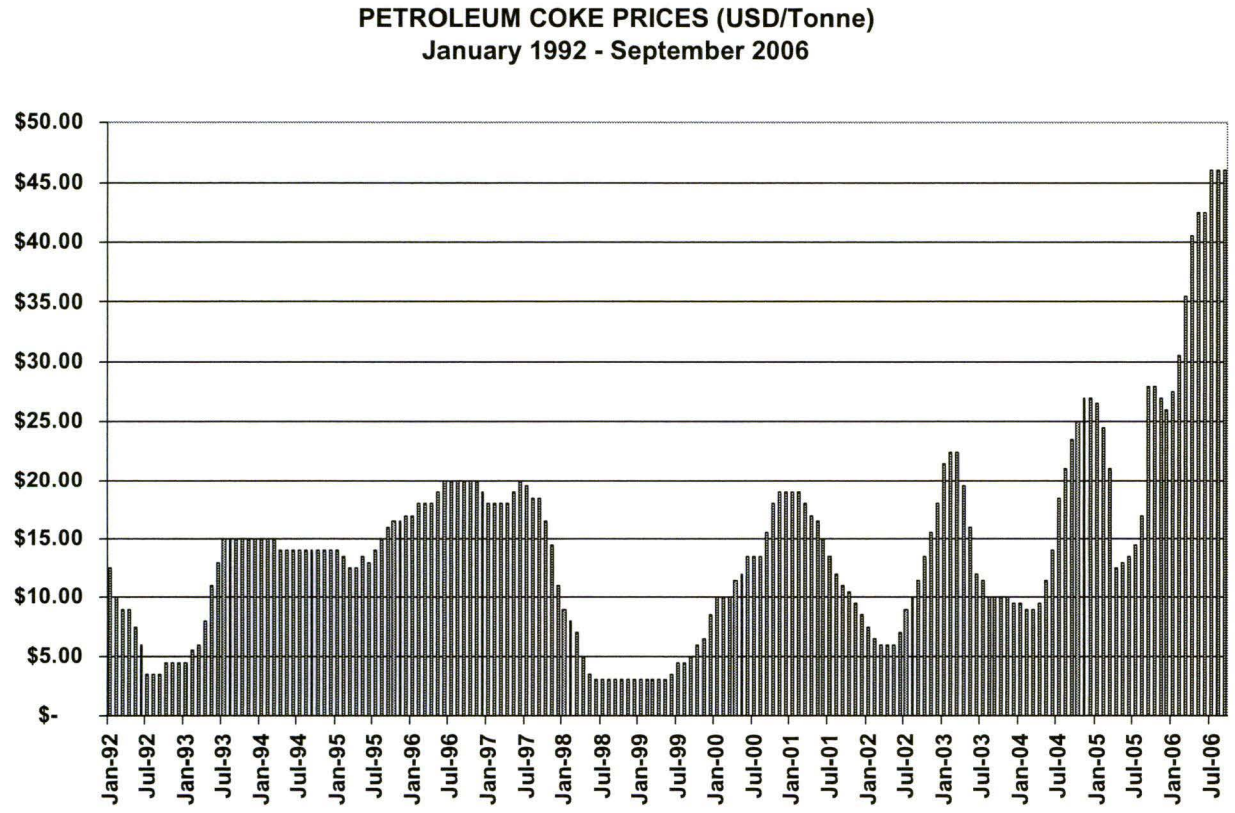
RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.3.6



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

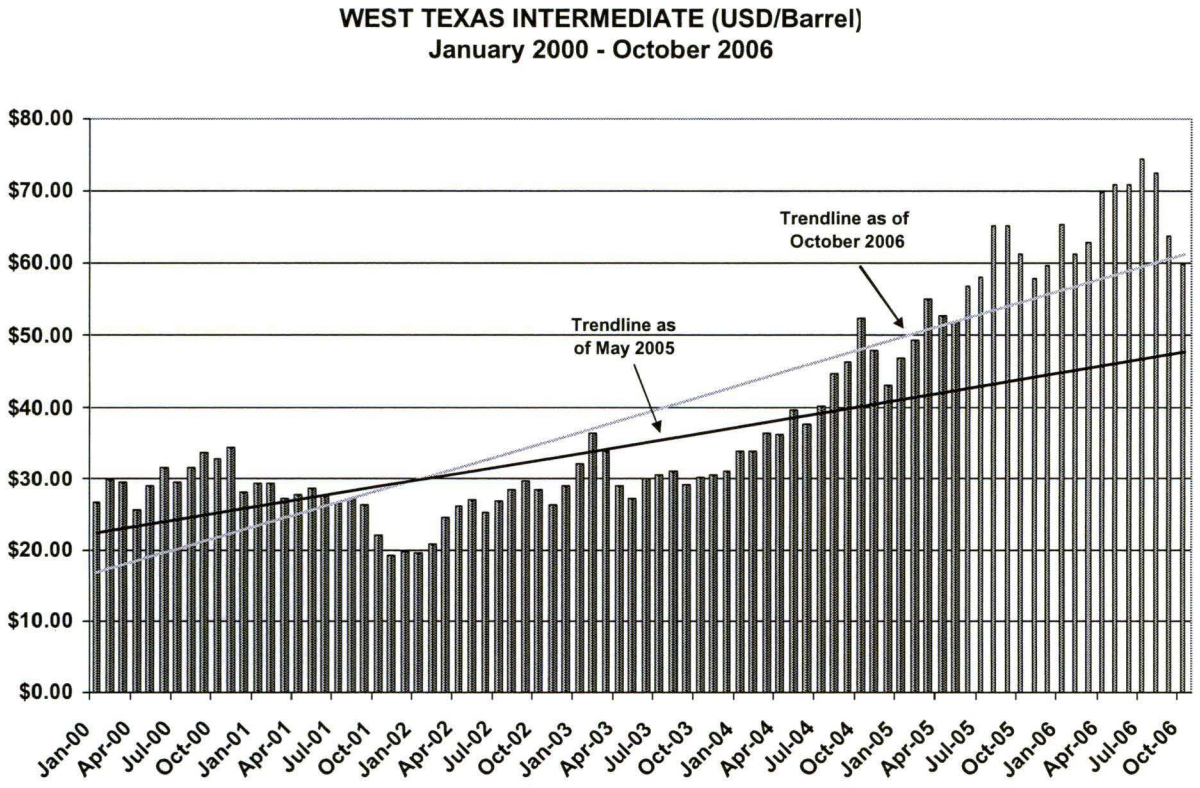
RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.3.7



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

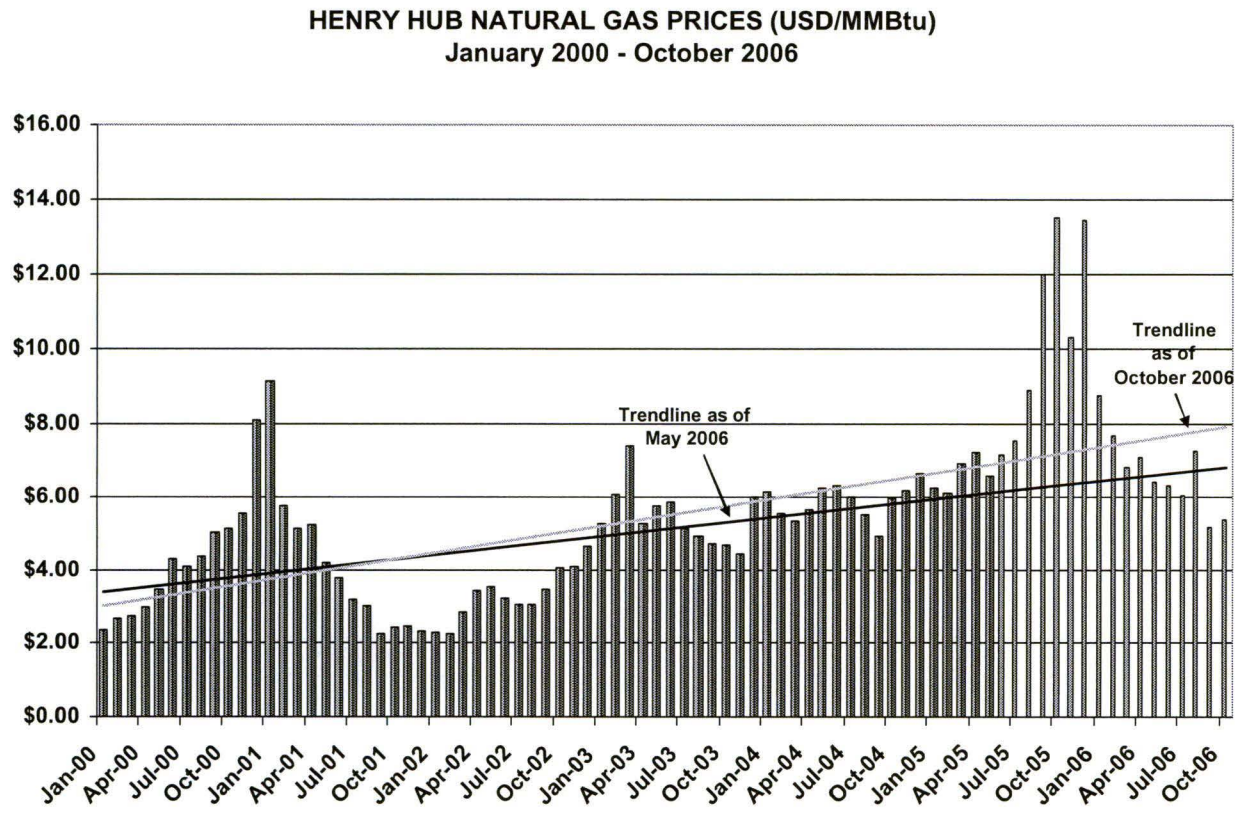
RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.3.8



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

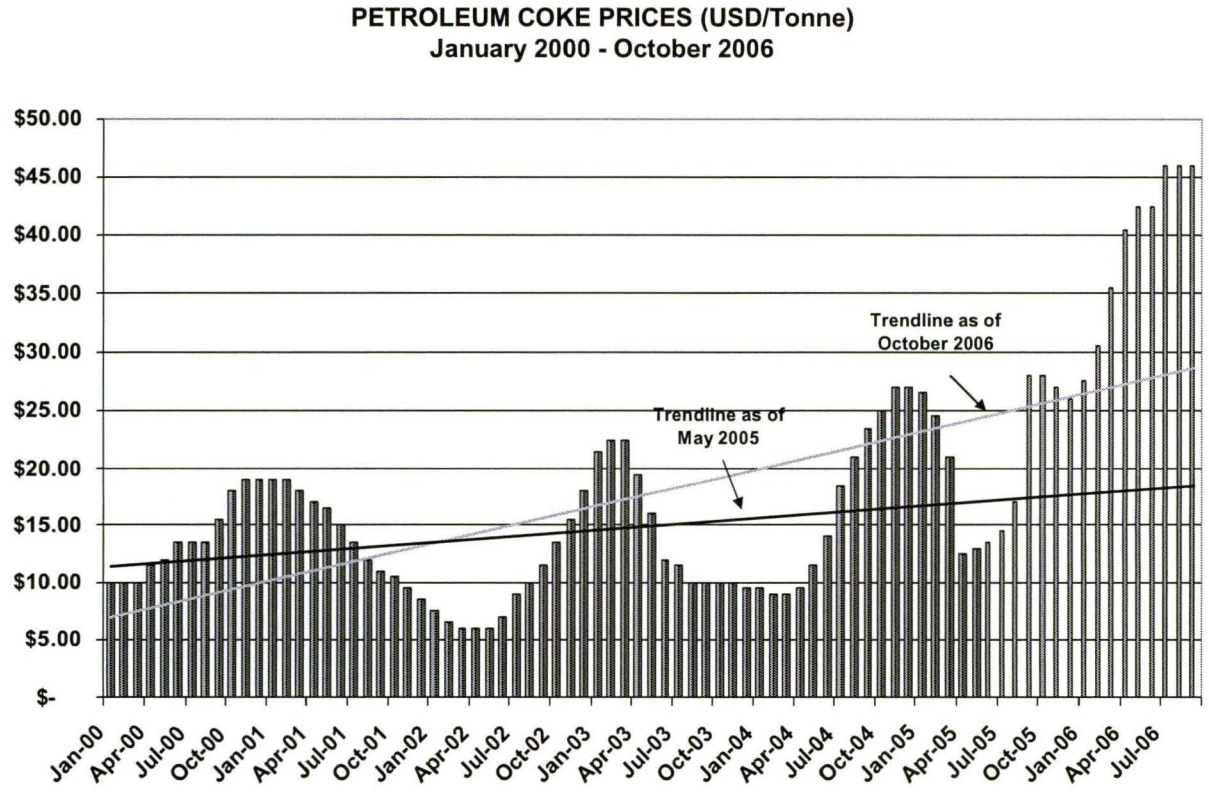
RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.3.9



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

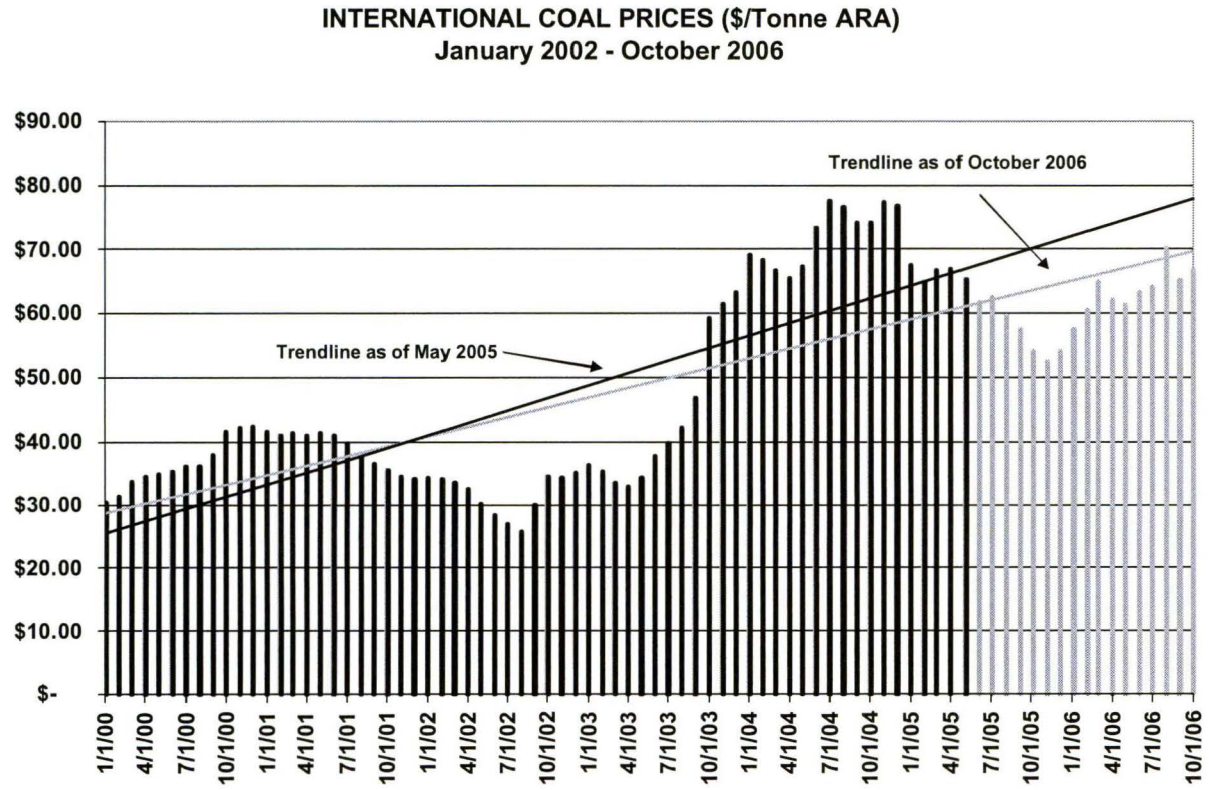
RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.3.10



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.3



Note: As of October 31, 2006.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.4



Note: As of October 31, 2006.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

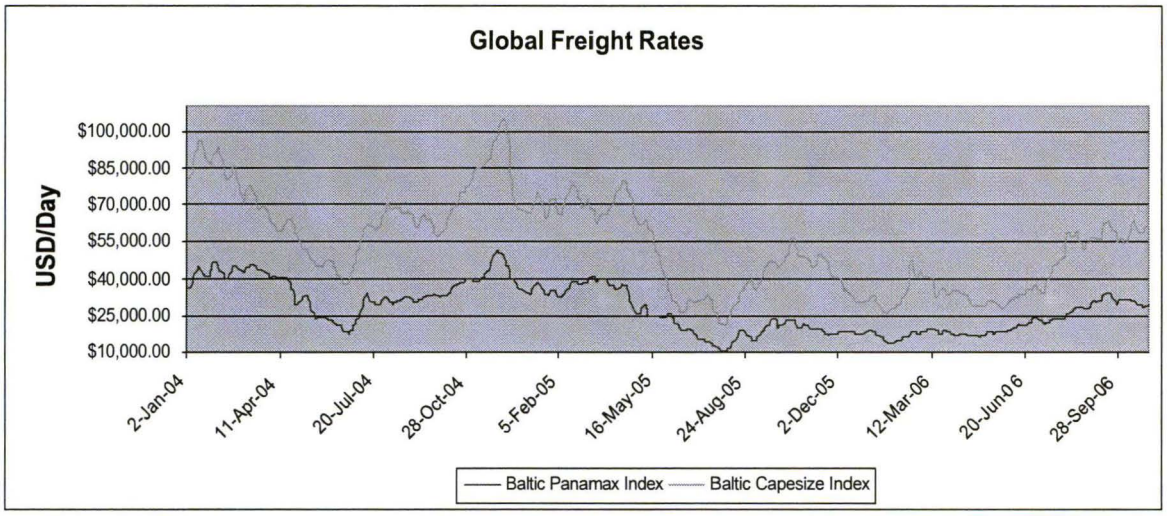
RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.5



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

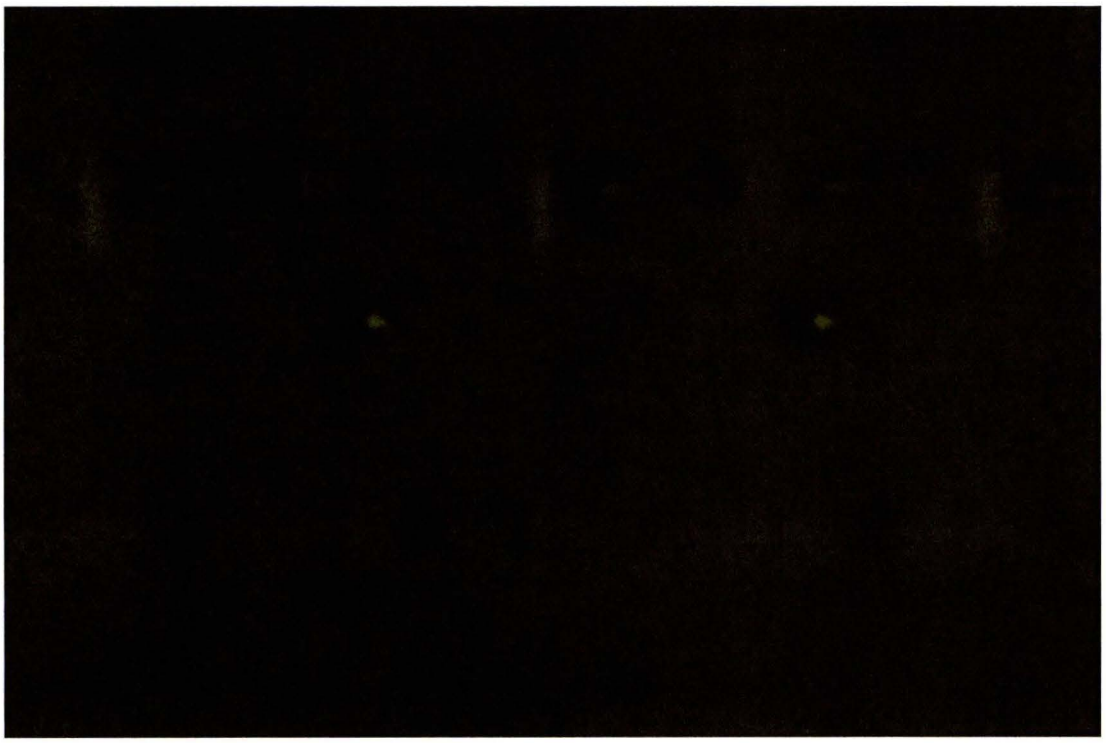
RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

Figure 2.6



NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

The data sources are as follows.

Figure	Data Source
2.3.1	EVA averages of weekly data on West Texas Intermediate reported in Petroleum Intelligence Weekly
2.3.2	Data is complied by EVA from the U.S. Department of Energy, International Energy Outlook 2006, June 2006.
2.3.3	EVA averages of weekly data on the Henry Hub price reported in Natural Gas Week
2.3.4	API2 Prompt Pricing from McCloskey's Fax International Coal Market Update
2.3.5	Prompt and Future Pricing fromMcCloskey's Fax International Coal Market Update
2.3.6	Average of High and Low Prices for Petroleum Coke Less Than 50 HGI from PACE Petroleum Coke Quarterly Monthly Highlights
2.3.7	EVA averages of weekly data on West Texas Intermediate reported in Petroleum Intelligence Weekly
2.3.8	EVA averages of weekly data on the Henry Hub price reported in Natural Gas Week.
2.3.9	Average of High and Low Prices for Petroleum Coke Less Than 50 HGI from PACE Petroleum Coke Quarterly Monthly Highlights
2.3.10	API2 Prompt Pricing from McCloskey's Fax International Coal Market Update
2.3	NSPI Internal
2.4	NSPI Internal
2.5	Monthly summaries from Clarkson of the Baltic Indices
2.6	NSPI Calculated from NYMEX Strips, Shell Contract, M&NE Pipeline Contract, Budget Assumptions, etc.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

The data for Figure 2.3.1 and 2.3.7 are as follows:

Jan-95	$18.04	Mar-99	$14.84	May-03	$27.29
Feb-95	$18.46	Apr-99	$17.34	Jun-03	$30.16
Mar-95	$18.59	May-99	$16.47	Jul-03	$30.56
Apr-95	$19.84	Jun-99	$17.86	Aug-03	$31.10
May-95	$19.67	Jul-99	$20.14	Sep-03	$29.15
Jun-95	$18.40	Aug-99	$21.35	Oct-03	$30.25
Jul-95	$17.27	Sep-99	$24.09	Nov-03	$30.60
Aug-95	$17.83	Oct-99	$22.58	Dec-03	$31.14
Sep-95	$18.28	Nov-99	$25.29	Jan-04	$34.04
Oct-95	$17.44	Dec-99	$24.77	Feb-04	$34.08
Nov-95	$18.03	Jan-00	$26.64	Mar-04	$36.50
Dec-95	$19.01	Feb-00	$29.91	Apr-04	$36.36
Jan-96	$18.84	Mar-00	$29.63	May-04	$39.77
Feb-96	$19.38	Apr-00	$25.58	Jun-04	$37.70
Mar-96	$21.26	May-00	$28.97	Jul-04	$40.26
Apr-96	$22.85	Jun-00	$31.66	Aug-04	$44.75
May-96	$21.13	Jul-00	$29.60	Sep-04	$46.29
Jun-96	$20.43	Aug-00	$31.75	Oct-04	$52.39
Jul-96	$21.30	Sep-00	$33.92	Nov-04	$47.96
Aug-96	$21.98	Oct-00	$32.90	Dec-04	$43.08
Sep-96	$24.02	Nov-00	$34.47	Jan-05	$46.90
Oct-96	$24.98	Dec-00	$28.12	Feb-05	$49.34
Nov-96	$23.59	Jan-01	$29.36	Mar-05	$55.04
Dec-96	$25.18	Feb-01	$29.32	Apr-05	$52.75
Jan-97	$25.15	Mar-01	$27.23	May-05	$51.75
Feb-97	$22.18	Apr-01	$27.76	Jun-05	$56.84
Mar-97	$20.74	May-01	$28.69	Jul-05	$58.10
Apr-97	$19.75	Jun-01	$27.57	Aug-05	$65.22
May-97	$20.99	Jul-01	$26.59	Sep-05	$65.27
Jun-97	$19.35	Aug-01	$27.30	Oct-05	$61.33
Jul-97	$19.59	Sep-01	$26.40	Nov-05	$57.87
Aug-97	$19.94	Oct-01	$22.06	Dec-05	$59.67
Sep-97	$20.01	Nov-01	$19.29	Jan-06	$65.37
Oct-97	$21.18	Dec-01	$19.84	Feb-06	$61.33
Nov-97	$20.15	Jan-02	$19.55	Mar-06	$62.85
Dec-97	$18.25	Feb-02	$20.86	Apr-06	$69.76
Jan-98	$16.68	Mar-02	$24.60	May-06	$70.88
Feb-98	$16.09	Apr-02	$26.13	Jun-06	$70.86
Mar-98	$15.13	May-02	$27.09	Jul-06	$74.44
Apr-98	$15.51	Jun-02	$25.20	Aug-06	$72.45
May-98	$14.88	Jul-02	$26.89	Sep-06	$63.76
Jun-98	$13.76	Aug-02	$28.42	Oct-06	$59.82
Jul-98	$14.05	Sep-02	$29.75		
Aug-98	$13.48	Oct-02	$28.52		
Sep-98	$14.80	Nov-02	$26.27		
Oct-98	$14.31	Dec-02	$29.06		
Nov-98	$13.04	Jan-03	$32.31		
Dec-98	$11.35	Feb-03	$36.55		
Jan-99	$12.47	Mar-03	$33.98		
Feb-99	$12.01	Apr-03	$29.12		

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

The data for Figures 2.3.3 and 2.3.8 are as follows:

Jan-00	$2.37	Jan-04	$6.12
Feb-00	$2.66	Feb-04	$5.55
Mar-00	$2.75	Mar-04	$5.34
Apr-00	$2.99	Apr-04	$5.66
May-00	$3.47	May-04	$6.22
Jun-00	$4.30	Jun-04	$6.30
Jul-00	$4.10	Jul-04	$5.98
Aug-00	$4.35	Aug-04	$5.50
Sep-00	$5.01	Sep-04	$4.92
Oct-00	$5.11	Oct-04	$5.96
Nov-00	$5.52	Nov-04	$6.15
Dec-00	$8.08	Dec-04	$6.65
Jan-01	$9.13	Jan-05	$6.21
Feb-01	$5.73	Feb-05	$6.08
Mar-01	$5.12	Mar-05	$6.92
Apr-01	$5.23	Apr-05	$7.24
May-01	$4.18	May-05	$6.55
Jun-01	$3.78	Jun-05	$7.16
Jul-01	$3.18	Jul-05	$7.56
Aug-01	$3.01	Aug-05	$8.88
Sep-01	$2.24	Sep-05	$12.02
Oct-01	$2.44	Oct-05	$13.54
Nov-01	$2.45	Nov-05	$10.30
Dec-01	$2.33	Dec-05	$13.46
Jan-02	$2.29	Jan-06	$8.74
Feb-02	$2.26	Feb-06	$7.68
Mar-02	$2.85	Mar-06	$6.82
Apr-02	$3.44	Apr-06	$7.09
May-02	$3.54	May-06	$6.39
Jun-02	$3.23	Jun-06	$6.29
Jul-02	$3.06	Jul-06	$6.02
Aug-02	$3.05	Aug-06	$7.26
Sep-02	$3.45	Sep-06	$5.17
Oct-02	$4.06	Oct-06	$5.36
Nov-02	$4.09		
Dec-02	$4.65		
Jan-03	$5.28		
Feb-03	$6.04		
Mar-03	$7.42		
Apr-03	$5.28		
May-03	$5.74		
Jun-03	$5.83		
Jul-03	$5.12		
Aug-03	$4.90		
Sep-03	$4.71		
Oct-03	$4.68		
Nov-03	$4.43		
Dec-03	$5.99		

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

The data for Figures 2.3.4 and 2.3.10 are as follows:

4-Jan-02	$ 34.40	3-Jan-03	$ 35.65	2-Jan-04	$ 64.58	7-Jan-05	$ 72.23	6-Jan-06	$ 54.13
11-Jan-02	$ 34.52	10-Jan-03	$ 36.93	9-Jan-04	$ 68.85	14-Jan-05	$ 67.13	13-Jan-06	$ 55.40
18-Jan-02	$ 34.45	17-Jan-03	$ 36.85	16-Jan-04	$ 70.60	21-Jan-05	$ 64.80	20-Jan-06	$ 55.85
25-Jan-02	$ 34.29	24-Jan-03	$ 36.45	23-Jan-04	$ 70.65	28-Jan-05	$ 65.43	27-Jan-06	$ 59.50
1-Feb-02	$ 34.08	31-Jan-03	$ 36.25	30-Jan-04	$ 70.73	4-Feb-05	$ 64.80	3-Feb-06	$ 61.73
8-Feb-02	$ 34.14	7-Feb-03	$ 35.93	9-Feb-04	$ 70.60	11-Feb-05	$ 64.17	10-Feb-06	$ 57.88
15-Feb-02	$ 34.03	14-Feb-03	$ 35.73	13-Feb-04	$ 68.40	18-Feb-05	$ 64.93	17-Feb-06	$ 61.88
22-Feb-02	$ 34.10	21-Feb-03	$ 35.10	20-Feb-04	$ 67.98	25-Feb-05	$ 65.43	24-Feb-06	$ 60.70
1-Mar-02	$ 34.09	28-Feb-03	$ 34.58	27-Feb-04	$ 65.89	4-Mar-05	$ 66.48	3-Mar-06	$ 61.63
8-Mar-02	$ 33.79	7-Mar-03	$ 34.12	5-Mar-04	$ 67.95	11-Mar-05	$ 66.50	10-Mar-06	$ 65.00
15-Mar-02	$ 33.67	14-Mar-03	$ 33.53	12-Mar-04	$ 67.58	18-Mar-05	$ 66.50	17-Mar-06	$ 64.75
22-Mar-02	$ 33.22	21-Mar-03	$ 33.38	19-Mar-04	$ 65.95	24-Mar-05	$ 66.91	24-Mar-06	$ 65.50
29-Mar-02	$ 32.98	28-Mar-03	$ 32.93	26-Mar-04	$ 65.35	1-Apr-05	$ 67.03	31-Mar-06	$ 64.38
5-Apr-02	$ 32.67	4-Apr-03	$ 32.92	2-Apr-04	$ 63.88	8-Apr-05	$ 66.88	7-Apr-06	$ 61.90
12-Apr-02	$ 32.63	11-Apr-03	$ 33.00	8-Apr-04	$ 64.28	15-Apr-05	$ 67.35	14-Apr-06	$ 62.55
19-Apr-02	$ 32.44	17-Apr-03	$ 32.89	16-Apr-04	$ 66.40	22-Apr-05	$ 67.05	21-Apr-06	$ 61.68
26-Apr-02	$ 32.09	25-Apr-03	$ 32.83	23-Apr-04	$ 66.58	29-Apr-05	$ 66.50	28-Apr-06	$ 61.90
3-May-02	$ 31.90	2-May-03	$ 32.83	30-Apr-04	$ 66.35	6-May-05	$ 69.40	5-May-06	$ 59.30
10-May-02	$ 31.50	9-May-03	$ 33.58	7-May-04	$ 65.58	13-May-05	$ 64.25	12-May-06	$ 61.93
17-May-02	$ 29.46	16-May-03	$ 34.78	14-May-04	$ 66.45	20-May-05	$ 64.00	19-May-06	$ 60.30
24-May-02	$ 29.08	23-May-03	$ 35.10	21-May-04	$ 67.58	27-May-05	$ 63.60	26-May-06	$ 61.10
31-May-02	$ 28.90	30-May-03	$ 35.83	28-May-04	$ 69.63	3-Jun-05	$ 61.40	2-Jun-06	$ 63.50
7-Jun-02	$ 28.83	6-Jun-03	$ 36.80	4-Jun-04	$ 69.95	10-Jun-05	$ 62.25	9-Jun-06	$ 64.13
14-Jun-02	$ 28.58	13-Jun-03	$ 37.53	11-Jun-04	$ 69.95	17-Jun-05	$ 59.60	16-Jun-06	$ 63.80
21-Jun-02	$ 28.22	20-Jun-03	$ 38.23	18-Jun-04	$ 73.80	24-Jun-05	$ 63.00	23-Jun-06	$ 63.00
28-Jun-02	$ 27.74	27-Jun-03	$ 38.70	25-Jun-04	$ 79.43	1-Jul-05	$ 61.50	30-Jun-06	$ 61.90
5-Jul-02	$ 27.35	4-Jul-03	$ 39.05	2-Jul-04	$ 79.18	8-Jul-05	$ 63.50	7-Jul-06	$ 62.25
12-Jul-02	$ 27.02	11-Jul-03	$ 39.55	9-Jul-04	$ 78.63	15-Jul-05	$ 64.25	14-Jul-06	$ 63.38
19-Jul-02	$ 26.67	18-Jul-03	$ 39.75	16-Jul-04	$ 77.63	22-Jul-05	$ 62.50	21-Jul-06	$ 64.25
26-Jul-02	$ 26.21	25-Jul-03	$ 40.50	23-Jul-04	$ 75.85	29-Jul-05	$ 60.25	28-Jul-06	$ 66.50
2-Aug-02	$ 25.74	1-Aug-03	$ 41.03	30-Jul-04	$ 76.53	5-Aug-05	$ 58.75	4-Aug-06	$ 70.50
9-Aug-02	$ 25.67	8-Aug-03	$ 41.83	6-Aug-04	$ 78.28	12-Aug-05	$ 60.25	11-Aug-06	$ 73.40
16-Aug-02	$ 25.74	15-Aug-03	$ 42.23	13-Aug-04	$ 76.74	19-Aug-05	$ 61.50	18-Aug-06	$ 68.95
23-Aug-02	$ 25.82	22-Aug-03	$ 42.60	20-Aug-04	$ 75.58	26-Aug-05	$ 59.85	25-Aug-06	$ 70.25
30-Aug-02	$ 25.90	29-Aug-03	$ 43.28	27-Aug-04	$ 75.25	2-Sep-05	$ 57.50	1-Sep-06	$ 67.50
6-Sep-02	$ 26.68	5-Sep-03	$ 44.58	3-Sep-04	$ 75.88	9-Sep-05	$ 58.75	8-Sep-06	$ 64.70
13-Sep-02	$ 28.33	12-Sep-03	$ 46.40	10-Sep-04	$ 75.25	16-Sep-05	$ 59.65	15-Sep-06	$ 64.88
20-Sep-02	$ 30.68	19-Sep-03	$ 47.40	17-Sep-04	$ 74.10	23-Sep-05	$ 56.85	22-Sep-06	$ 63.75
27-Sep-02	$ 33.97	26-Sep-03	$ 49.15	24-Sep-04	$ 71.52	30-Sep-05	$ 54.20	29-Sep-06	$ 67.15
4-Oct-02	$ 34.30	3-Oct-03	$ 52.40	1-Oct-04	$ 71.58	7-Oct-05	$ 54.00	6-Oct-06	$ 64.25
11-Oct-02	$ 34.60	10-Oct-03	$ 59.60	8-Oct-04	$ 73.53	14-Oct-05	$ 54.25	13-Oct-06	$ 67.00
18-Oct-02	$ 34.55	17-Oct-03	$ 60.83	15-Oct-04	$ 73.53	21-Oct-05	$ 54.50	20-Oct-06	$ 67.00
25-Oct-02	$ 34.55	24-Oct-03	$ 61.23	22-Oct-04	$ 75.03	28-Oct-05	$ 53.25	27-Oct-06	$ 68.15
1-Nov-02	$ 34.53	31-Oct-03	$ 62.20	29-Oct-04	$ 76.55	4-Nov-05	$ 52.75	3-Nov-06	$ 68.20
8-Nov-02	$ 34.33	7-Nov-03	$ 62.88	5-Nov-04	$ 77.85	11-Nov-05	$ 52.03		
15-Nov-02	$ 34.23	14-Nov-03	$ 61.13	12-Nov-04	$ 77.30	18-Nov-05	$ 51.30		
22-Nov-02	$ 33.95	21-Nov-03	$ 60.53	19-Nov-04	$ 76.50	25-Nov-05	$ 52.55		
29-Nov-02	$ 34.10	28-Nov-03	$ 61.05	26-Nov-04	$ 77.70	2-Dec-05	$ 53.80		
6-Dec-02	$ 34.41	5-Dec-03	$ 61.45	3-Dec-04	$ 78.50	9-Dec-05	$ 55.50		
13-Dec-02	$ 35.23	12-Dec-03	$ 63.05	10-Dec-04	$ 77.78	16-Dec-05	$ 53.75		
20-Dec-02	$ 35.35	19-Dec-03	$ 64.23	17-Dec-04	$ 76.33	23-Dec-05	$ 53.60		
27-Dec-02	$ 35.38	26-Dec-03	$ 64.58	24-Dec-04	$ 75.28	30-Dec-05	$ 53.60		
				31-Dec-04	$ 75.20				

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

The data for Figure 2.3.5 are as follows:

DATE	API 2 Prompt	2007 Forwards	2008 Forwards
10-Feb-06	$ 57.88	$ 60.38	$ 61.38
17-Feb-06	$ 61.88	$ 62.88	$ 63.38
24-Feb-06	$ 60.70	$ 62.85	$ 63.88
3-Mar-06	$ 61.63	$ 62.70	$ 63.60
10-Mar-06	$ 65.00	$ 64.85	$ 65.25
17-Mar-06	$ 64.75	$ 64.00	$ 64.00
24-Mar-06	$ 65.50	$ 64.13	$ 64.13
31-Mar-06	$ 64.38	$ 63.88	$ 64.13
7-Apr-06	$ 61.90	$ 63.25	$ 63.63
14-Apr-06	$ 62.55	$ 65.00	$ 65.50
21-Apr-06	$ 61.68	$ 64.63	$ 65.53
28-Apr-06	$ 61.90	$ 65.50	$ 66.60
5-May-06	$ 59.30	$ 64.58	$ 66.63
12-May-06	$ 61.93	$ 67.25	$ 69.25
19-May-06	$ 60.30	$ 65.90	$ 66.50
26-May-06	$ 61.10	$ 66.10	$ 67.50
2-Jun-06	$ 63.50	$ 68.10	$ 69.15
9-Jun-06	$ 64.13	$ 67.10	$ 67.75
16-Jun-06	$ 63.80	$ 67.63	$ 68.60
23-Jun-06	$ 63.00	$ 68.03	$ 69.10
30-Jun-06	$ 61.90	$ 67.63	$ 68.80
7-Jul-06	$ 62.25	$ 67.38	$ 68.75
14-Jul-06	$ 63.38	$ 67.80	$ 69.00
21-Jul-06	$ 64.25	$ 69.50	$ 70.55
28-Jul-06	$ 66.50	$ 70.90	$ 72.00
4-Aug-06	$ 70.50	$ 72.55	$ 73.25
11-Aug-06	$ 73.40	$ 73.00	$ 73.25
18-Aug-06	$ 68.95	$ 69.00	$ 70.25
25-Aug-06	$ 70.25	$ 71.75	$ 72.25
1-Sep-06	$ 67.50	$ 69.65	$ 70.75
8-Sep-06	$ 64.70	$ 66.80	$ 68.30
15-Sep-06	$ 64.88	$ 67.75	$ 69.30
22-Sep-06	$ 63.75	$ 66.50	$ 68.00
29-Sep-06	$ 67.15	$ 68.90	$ 70.20
6-Oct-06	$ 64.25	$ 67.75	$ 69.40
13-Oct-06	$ 67.00	$ 69.00	$ 70.25
20-Oct-06	$ 67.00	$ 68.80	$ 69.70
27-Oct-06	$ 68.15	$ 69.30	$ 70.15
3-Nov-06	$ 68.20	$ 68.80	$ 69.95

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

The data for Figures 2.3.6 and 2.3.9 are as follows:

Jan-92	$ 12.50	Jan-96	$ 17.00	Jan-00	$ 10.00	Jan-04	$ 9.50
Feb-92	$ 10.00	Feb-96	$ 18.00	Feb-00	$ 10.00	Feb-04	$ 9.00
Mar-92	$ 9.00	Mar-96	$ 18.00	Mar-00	$ 10.00	Mar-04	$ 9.00
Apr-92	$ 9.00	Apr-96	$ 18.00	Apr-00	$ 11.50	Apr-04	$ 9.50
May-92	$ 7.50	May-96	$ 19.00	May-00	$ 12.00	May-04	$ 11.50
Jun-92	$ 6.00	Jun-96	$ 20.00	Jun-00	$ 13.50	Jun-04	$ 14.00
Jul-92	$ 3.50	Jul-96	$ 20.00	Jul-00	$ 13.50	Jul-04	$ 18.50
Aug-92	$ 3.50	Aug-96	$ 20.00	Aug-00	$ 13.50	Aug-04	$ 21.00
Sep-92	$ 3.50	Sep-96	$ 20.00	Sep-00	$ 15.50	Sep-04	$ 23.50
Oct-92	$ 4.50	Oct-96	$ 20.00	Oct-00	$ 18.00	Oct-04	$ 25.00
Nov-92	$ 4.50	Nov-96	$ 20.00	Nov-00	$ 19.00	Nov-04	$ 27.00
Dec-92	$ 4.50	Dec-96	$ 19.00	Dec-00	$ 19.00	Dec-04	$ 27.00
Jan-93	$ 4.50	Jan-97	$ 18.00	Jan-01	$ 19.00	Jan-05	$ 26.50
Feb-93	$ 5.50	Feb-97	$ 18.00	Feb-01	$ 19.00	Feb-05	$ 24.50
Mar-93	$ 6.00	Mar-97	$ 18.00	Mar-01	$ 18.00	Mar-05	$ 21.00
Apr-93	$ 8.00	Apr-97	$ 18.00	Apr-01	$ 17.00	Apr-05	$ 12.50
May-93	$ 11.00	May-97	$ 19.00	May-01	$ 16.50	May-05	$ 13.00
Jun-93	$ 13.00	Jun-97	$ 20.00	Jun-01	$ 15.00	Jun-05	$ 13.50
Jul-93	$ 15.00	Jul-97	$ 19.50	Jul-01	$ 13.50	Jul-05	$ 14.50
Aug-93	$ 15.00	Aug-97	$ 18.50	Aug-01	$ 12.00	Aug-05	$ 17.00
Sep-93	$ 15.00	Sep-97	$ 18.50	Sep-01	$ 11.00	Sep-05	$ 28.00
Oct-93	$ 15.00	Oct-97	$ 16.50	Oct-01	$ 10.50	Oct-05	$ 28.00
Nov-93	$ 15.00	Nov-97	$ 14.50	Nov-01	$ 9.50	Nov-05	$ 27.00
Dec-93	$ 15.00	Dec-97	$ 11.00	Dec-01	$ 8.50	Dec-05	$ 26.00
Jan-94	$ 15.00	Jan-98	$ 9.00	Jan-02	$ 7.50	Jan-06	$ 27.50
Feb-94	$ 15.00	Feb-98	$ 8.00	Feb-02	$ 6.50	Feb-06	$ 30.50
Mar-94	$ 15.00	Mar-98	$ 7.00	Mar-02	$ 6.00	Mar-06	$ 35.50
Apr-94	$ 14.00	Apr-98	$ 5.00	Apr-02	$ 6.00	Apr-06	$ 40.50
May-94	$ 14.00	May-98	$ 3.50	May-02	$ 6.00	May-06	$ 42.50
Jun-94	$ 14.00	Jun-98	$ 3.00	Jun-02	$ 7.00	Jun-06	$ 42.50
Jul-94	$ 14.00	Jul-98	$ 3.00	Jul-02	$ 9.00	Jul-06	$ 46.00
Aug-94	$ 14.00	Aug-98	$ 3.00	Aug-02	$ 10.00	Aug-06	$ 46.00
Sep-94	$ 14.00	Sep-98	$ 3.00	Sep-02	$ 11.50	Sep-06	$ 46.00
Oct-94	$ 14.00	Oct-98	$ 3.00	Oct-02	$ 13.50		
Nov-94	$ 14.00	Nov-98	$ 3.00	Nov-02	$ 15.50		
Dec-94	$ 14.00	Dec-98	$ 3.00	Dec-02	$ 18.00		
Jan-95	$ 14.00	Jan-99	$ 3.00	Jan-03	$ 21.50		
Feb-95	$ 13.50	Feb-99	$ 3.00	Feb-03	$ 22.50		
Mar-95	$ 12.50	Mar-99	$ 3.00	Mar-03	$ 22.50		
Apr-95	$ 12.50	Apr-99	$ 3.00	Apr-03	$ 19.50		
May-95	$ 13.50	May-99	$ 3.00	May-03	$ 16.00		
Jun-95	$ 13.00	Jun-99	$ 3.50	Jun-03	$ 12.00		
Jul-95	$ 14.00	Jul-99	$ 4.50	Jul-03	$ 11.50		
Aug-95	$ 15.00	Aug-99	$ 4.50	Aug-03	$ 10.00		
Sep-95	$ 16.00	Sep-99	$ 5.00	Sep-03	$ 10.00		
Oct-95	$ 16.50	Oct-99	$ 6.00	Oct-03	$ 10.00		
Nov-95	$ 16.50	Nov-99	$ 6.50	Nov-03	$ 10.00		
Dec-95	$ 17.00	Dec-99	$ 8.50	Dec-03	$ 9.50		

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-63: (Cont'd)

The data for Figure 2.5 are as follows:

Date	Panamax	Capesize	Date	Panamax	Capesize	Date	Panamax	Capesize	Date	Panamax	Capesize
2-Jan-04	$ 36,784.00	$ 80,764.50	31-Mar-04	$ 41,064.75	$ 65,374.25	2-Jul-04	$ 23,311.50	$ 50,903.25	30-Sep-04	$ 32,549.25	$ 57,801.75
5-Jan-04	$ 36,628.25	$ 80,898.00	1-Apr-04	$ 40,734.00	$ 64,222.75	5-Jul-04	$ 24,234.00	$ 52,245.50	1-Oct-04	$ 32,596.00	$ 58,253.00
6-Jan-04	$ 36,561.50	$ 81,308.00	2-Apr-04	$ 40,621.50	$ 63,142.50	6-Jul-04	$ 25,494.75	$ 54,089.25	4-Oct-04	$ 32,644.00	$ 59,152.00
7-Jan-04	$ 36,997.75	$ 82,362.50	5-Apr-04	$ 40,770.75	$ 61,795.25	7-Jul-04	$ 26,892.00	$ 56,147.75	5-Oct-04	$ 32,772.00	$ 60,158.25
8-Jan-04	$ 38,662.50	$ 84,168.00	6-Apr-04	$ 40,719.00	$ 60,661.00	8-Jul-04	$ 29,077.25	$ 57,637.00	6-Oct-04	$ 32,984.00	$ 61,315.50
9-Jan-04	$ 40,562.00	$ 86,889.50	7-Apr-04	$ 40,629.00	$ 59,922.25	9-Jul-04	$ 31,582.25	$ 59,707.75	7-Oct-04	$ 33,301.50	$ 63,166.00
12-Jan-04	$ 42,659.50	$ 91,941.50	8-Apr-04	$ 40,370.25	$ 59,378.50	12-Jul-04	$ 33,152.50	$ 61,003.00	8-Oct-04	$ 33,741.50	$ 64,700.50
13-Jan-04	$ 44,533.25	$ 94,180.25	13-Apr-04	$ 40,349.25	$ 59,351.50	13-Jul-04	$ 34,041.50	$ 61,541.00	11-Oct-04	$ 34,017.50	$ 65,795.50
14-Jan-04	$ 44,861.75	$ 95,556.50	14-Apr-04	$ 40,434.75	$ 60,415.75	14-Jul-04	$ 33,386.50	$ 61,789.75	12-Oct-04	$ 34,594.50	$ 66,748.50
15-Jan-04	$ 44,376.50	$ 95,986.75	15-Apr-04	$ 40,594.00	$ 61,076.50	15-Jul-04	$ 32,076.00	$ 61,797.50	13-Oct-04	$ 35,414.75	$ 67,836.75
16-Jan-04	$ 43,727.25	$ 95,982.25	16-Apr-04	$ 40,572.25	$ 61,977.50	16-Jul-04	$ 31,069.00	$ 61,496.50	14-Oct-04	$ 36,091.00	$ 68,336.00
19-Jan-04	$ 43,109.25	$ 95,533.50	19-Apr-04	$ 40,497.75	$ 63,103.25	19-Jul-04	$ 30,538.25	$ 61,120.25	15-Oct-04	$ 36,810.25	$ 68,755.50
20-Jan-04	$ 42,028.00	$ 93,928.00	20-Apr-04	$ 40,126.75	$ 63,869.75	20-Jul-04	$ 30,280.75	$ 60,435.75	18-Oct-04	$ 37,071.25	$ 69,144.00
21-Jan-04	$ 41,173.25	$ 91,455.25	21-Apr-04	$ 39,249.25	$ 64,350.75	21-Jul-04	$ 29,905.00	$ 59,693.00	19-Oct-04	$ 37,203.50	$ 69,619.25
22-Jan-04	$ 40,833.00	$ 89,737.25	22-Apr-04	$ 37,305.00	$ 64,887.75	22-Jul-04	$ 29,510.75	$ 59,267.00	20-Oct-04	$ 37,381.25	$ 70,797.00
23-Jan-04	$ 40,849.75	$ 88,459.75	23-Apr-04	$ 35,981.75	$ 64,106.00	23-Jul-04	$ 29,310.75	$ 59,869.00	21-Oct-04	$ 37,697.00	$ 73,108.00
26-Jan-04	$ 41,256.50	$ 87,205.25	26-Apr-04	$ 34,696.50	$ 62,754.50	26-Jul-04	$ 29,479.25	$ 60,507.25	22-Oct-04	$ 38,145.25	$ 74,583.75
27-Jan-04	$ 42,194.75	$ 86,180.50	27-Apr-04	$ 32,582.75	$ 60,815.25	27-Jul-04	$ 29,756.25	$ 60,982.25	25-Oct-04	$ 38,617.00	$ 75,165.75
28-Jan-04	$ 43,844.00	$ 86,224.00	28-Apr-04	$ 29,879.50	$ 59,059.25	28-Jul-04	$ 30,337.75	$ 61,982.00	26-Oct-04	$ 39,151.25	$ 76,224.25
29-Jan-04	$ 45,849.50	$ 87,110.25	29-Apr-04	$ 29,329.00	$ 57,305.50	29-Jul-04	$ 31,112.25	$ 63,627.50	27-Oct-04	$ 39,338.50	$ 76,734.25
30-Jan-04	$ 46,536.25	$ 89,961.50	30-Apr-04	$ 30,134.00	$ 55,720.25	30-Jul-04	$ 31,891.00	$ 65,724.25	28-Oct-04	$ 39,635.25	$ 76,792.25
2-Feb-04	$ 46,731.75	$ 91,582.00	4-May-04	$ 30,708.25	$ 54,129.25	2-Aug-04	$ 32,329.50	$ 66,891.75	29-Oct-04	$ 39,764.50	$ 77,634.75
3-Feb-04	$ 46,114.25	$ 93,011.00	5-May-04	$ 31,468.25	$ 52,445.25	3-Aug-04	$ 32,584.75	$ 69,561.75	1-Nov-04	$ 39,634.00	$ 78,393.00
4-Feb-04	$ 45,156.50	$ 93,537.25	6-May-04	$ 32,140.25	$ 51,762.75	4-Aug-04	$ 32,490.25	$ 70,428.50	2-Nov-04	$ 39,473.00	$ 79,375.25
5-Feb-04	$ 44,000.25	$ 92,781.00	7-May-04	$ 32,656.50	$ 51,848.00	5-Aug-04	$ 31,837.75	$ 70,041.75	3-Nov-04	$ 39,113.00	$ 80,660.75
6-Feb-04	$ 43,280.25	$ 90,892.25	10-May-04	$ 32,824.75	$ 51,891.75	6-Aug-04	$ 30,793.75	$ 69,236.25	4-Nov-04	$ 38,999.00	$ 82,856.50
9-Feb-04	$ 42,667.00	$ 88,563.25	11-May-04	$ 32,729.25	$ 51,120.00	9-Aug-04	$ 30,197.50	$ 68,434.50	5-Nov-04	$ 39,015.00	$ 83,954.75
10-Feb-04	$ 41,943.50	$ 86,085.75	12-May-04	$ 31,709.00	$ 49,841.00	10-Aug-04	$ 29,943.50	$ 67,961.75	8-Nov-04	$ 39,031.00	$ 84,138.00
11-Feb-04	$ 40,997.75	$ 83,697.25	13-May-04	$ 30,274.75	$ 48,820.50	11-Aug-04	$ 29,851.25	$ 68,156.75	9-Nov-04	$ 39,204.00	$ 84,139.75
12-Feb-04	$ 39,829.25	$ 81,667.25	14-May-04	$ 28,204.50	$ 47,986.75	12-Aug-04	$ 30,108.00	$ 68,485.50	10-Nov-04	$ 39,308.00	$ 84,696.75
13-Feb-04	$ 39,903.25	$ 80,661.00	17-May-04	$ 26,196.00	$ 47,095.75	13-Aug-04	$ 30,491.50	$ 68,774.25	11-Nov-04	$ 39,553.00	$ 85,054.75
16-Feb-04	$ 40,354.50	$ 80,380.00	18-May-04	$ 24,668.00	$ 46,388.75	16-Aug-04	$ 30,632.25	$ 68,953.50	12-Nov-04	$ 39,804.00	$ 85,208.75
17-Feb-04	$ 41,431.25	$ 80,653.50	19-May-04	$ 23,778.50	$ 45,789.50	17-Aug-04	$ 30,944.75	$ 68,973.50	15-Nov-04	$ 40,070.00	$ 85,507.00
18-Feb-04	$ 42,991.50	$ 82,540.00	20-May-04	$ 23,440.25	$ 45,350.75	18-Aug-04	$ 31,246.75	$ 68,548.25	16-Nov-04	$ 40,427.00	$ 85,816.50
19-Feb-04	$ 44,198.75	$ 84,451.75	21-May-04	$ 23,711.25	$ 45,134.25	19-Aug-04	$ 31,588.00	$ 67,823.25	17-Nov-04	$ 41,388.00	$ 86,640.50
20-Feb-04	$ 44,922.75	$ 85,489.25	24-May-04	$ 24,127.00	$ 45,041.75	20-Aug-04	$ 31,950.25	$ 67,050.25	18-Nov-04	$ 42,325.00	$ 87,436.00
23-Feb-04	$ 45,209.00	$ 85,625.50	25-May-04	$ 24,492.75	$ 44,949.00	23-Aug-04	$ 32,420.25	$ 66,589.75	19-Nov-04	$ 43,096.00	$ 88,044.00
24-Feb-04	$ 44,929.00	$ 83,495.75	26-May-04	$ 24,562.25	$ 44,703.50	24-Aug-04	$ 32,517.75	$ 66,710.25	22-Nov-04	$ 43,709.00	$ 88,531.75
25-Feb-04	$ 44,333.25	$ 79,982.25	27-May-04	$ 24,339.75	$ 45,149.00	25-Aug-04	$ 32,562.50	$ 67,029.50	23-Nov-04	$ 44,892.00	$ 89,164.50
26-Feb-04	$ 43,844.75	$ 77,585.50	28-May-04	$ 23,965.00	$ 46,299.25	26-Aug-04	$ 32,542.00	$ 67,118.00	24-Nov-04	$ 46,631.00	$ 90,648.75
27-Feb-04	$ 43,554.00	$ 75,798.50	1-Jun-04	$ 23,697.75	$ 47,306.50	27-Aug-04	$ 32,308.75	$ 66,837.25	25-Nov-04	$ 47,779.00	$ 92,704.25
1-Mar-04	$ 43,160.00	$ 73,736.00	2-Jun-04	$ 23,376.50	$ 47,931.50	31-Aug-04	$ 31,710.50	$ 65,906.00	26-Nov-04	$ 49,009.00	$ 95,224.00
2-Mar-04	$ 42,840.00	$ 71,812.00	3-Jun-04	$ 23,132.00	$ 48,011.25	1-Sep-04	$ 30,885.75	$ 64,915.00	29-Nov-04	$ 50,384.00	$ 96,571.00
3-Mar-04	$ 42,191.50	$ 70,948.50	4-Jun-04	$ 22,514.00	$ 47,235.25	2-Sep-04	$ 30,397.50	$ 63,285.75	30-Nov-04	$ 51,011.00	$ 97,648.25
4-Mar-04	$ 42,301.75	$ 72,180.50	7-Jun-04	$ 22,243.00	$ 46,446.75	3-Sep-04	$ 30,282.75	$ 61,846.75	1-Dec-04	$ 51,082.00	$ 98,386.00
5-Mar-04	$ 43,573.25	$ 75,206.75	8-Jun-04	$ 21,948.25	$ 45,189.00	6-Sep-04	$ 30,392.75	$ 60,798.00	2-Dec-04	$ 50,706.00	$ 100,186.25
8-Mar-04	$ 44,291.00	$ 77,206.00	9-Jun-04	$ 21,555.50	$ 44,203.50	7-Sep-04	$ 30,645.75	$ 60,918.00	3-Dec-04	$ 50,335.00	$ 102,364.75
9-Mar-04	$ 44,945.50	$ 78,105.50	10-Jun-04	$ 21,232.50	$ 42,939.00	8-Sep-04	$ 31,063.00	$ 62,052.50	6-Dec-04	$ 50,004.00	$ 104,691.75
10-Mar-04	$ 45,686.25	$ 78,259.75	11-Jun-04	$ 21,104.25	$ 41,715.50	9-Sep-04	$ 31,463.25	$ 63,591.75	7-Dec-04	$ 49,518.00	$ 105,519.50
11-Mar-04	$ 45,798.25	$ 77,625.00	14-Jun-04	$ 20,957.25	$ 41,088.00	10-Sep-04	$ 31,871.25	$ 65,099.75	8-Dec-04	$ 48,309.00	$ 104,751.50
12-Mar-04	$ 45,784.50	$ 76,139.00	15-Jun-04	$ 20,804.25	$ 40,331.50	13-Sep-04	$ 32,178.50	$ 65,574.75	9-Dec-04	$ 46,921.00	$ 101,687.50
15-Mar-04	$ 45,432.50	$ 73,355.25	16-Jun-04	$ 20,250.25	$ 39,673.50	14-Sep-04	$ 32,385.75	$ 65,449.75	10-Dec-04	$ 45,328.00	$ 98,582.75
16-Mar-04	$ 44,890.50	$ 70,872.75	17-Jun-04	$ 19,478.25	$ 38,955.00	15-Sep-04	$ 32,418.75	$ 65,171.75	13-Dec-04	$ 45,328.00	$ 98,582.75
17-Mar-04	$ 44,030.00	$ 69,365.50	18-Jun-04	$ 18,672.25	$ 38,392.25	16-Sep-04	$ 32,514.75	$ 64,847.25	14-Dec-04	$ 42,062.00	$ 90,400.25
18-Mar-04	$ 43,693.75	$ 68,115.00	21-Jun-04	$ 18,126.25	$ 37,932.25	17-Sep-04	$ 32,732.75	$ 64,283.00	15-Dec-04	$ 40,551.00	$ 85,735.00
19-Mar-04	$ 43,615.00	$ 68,204.50	22-Jun-04	$ 17,837.50	$ 37,893.00	20-Sep-04	$ 32,930.50	$ 64,039.75	16-Dec-04	$ 39,802.00	$ 79,577.00
22-Mar-04	$ 43,594.75	$ 68,617.25	23-Jun-04	$ 17,591.00	$ 38,409.50	21-Sep-04	$ 33,148.25	$ 63,235.25	17-Dec-04	$ 39,495.00	$ 74,048.00
23-Mar-04	$ 43,632.75	$ 69,023.50	24-Jun-04	$ 18,019.75	$ 39,715.50	22-Sep-04	$ 33,294.00	$ 62,346.00	20-Dec-04	$ 38,920.00	$ 71,617.00
24-Mar-04	$ 43,379.50	$ 69,257.00	25-Jun-04	$ 18,482.00	$ 41,533.25	23-Sep-04	$ 33,472.75	$ 59,846.50	21-Dec-04	$ 38,171.25	$ 70,004.75
25-Mar-04	$ 42,691.75	$ 69,031.00	28-Jun-04	$ 18,984.25	$ 43,551.00	24-Sep-04	$ 33,358.75	$ 58,383.25	22-Dec-04	$ 37,049.75	$ 69,098.00
26-Mar-04	$ 42,302.00	$ 68,051.25	29-Jun-04	$ 19,890.50	$ 45,207.00	27-Sep-04	$ 33,192.25	$ 57,544.50	23-Dec-04	$ 36,290.25	$ 68,034.25
29-Mar-04	$ 41,921.75	$ 67,567.75	30-Jun-04	$ 21,361.50	$ 46,806.00	28-Sep-04	$ 32,895.25	$ 57,311.25	24-Dec-04	$ 35,974.00	$ 67,903.25
30-Mar-04	$ 41,573.00	$ 66,813.75	1-Jul-04	$ 22,593.00	$ 48,809.25	29-Sep-04	$ 32,677.75	$ 57,300.25			

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Liberty IR-63: (Cont'd)

Date	Panamax	Capesize	Date	Panamax	Capesize	Date	Panamax	Capesize	Date	Panamax	Capesize
4-Jan-05	$ 34,226.50	$ 67,079.00	1-Apr-05	$ 37,343.75	$ 68,843.75	1-Jul-05	$ 17,530.50	$ 30,099.00	3-Oct-05	$ 20,839.25	$ 45,785.00
5-Jan-05	$ 33,642.50	$ 66,871.50	4-Apr-05	$ 36,955.00	$ 70,173.00	4-Jul-05	$ 16,913.25	$ 30,386.50	4-Oct-05	$ 21,284.75	$ 46,596.50
6-Jan-05	$ 34,208.25	$ 66,722.25	5-Apr-05	$ 36,458.50	$ 72,340.25	5-Jul-05	$ 16,242.25	$ 30,902.75	5-Oct-05	$ 21,697.75	$ 47,557.25
7-Jan-05	$ 35,825.25	$ 67,494.75	6-Apr-05	$ 36,094.50	$ 73,495.50	6-Jul-05	$ 15,688.00	$ 31,184.00	6-Oct-05	$ 22,280.75	$ 48,373.75
10-Jan-05	$ 37,174.25	$ 71,062.25	7-Apr-05	$ 35,989.50	$ 74,254.25	7-Jul-05	$ 15,463.25	$ 31,222.25	7-Oct-05	$ 22,572.00	$ 48,971.50
11-Jan-05	$ 38,250.25	$ 73,354.25	8-Apr-05	$ 35,969.75	$ 75,339.50	8-Jul-05	$ 15,287.00	$ 31,376.00	10-Oct-05	$ 22,762.00	$ 49,821.50
12-Jan-05	$ 38,475.00	$ 74,845.75	11-Apr-05	$ 36,171.50	$ 76,318.00	11-Jul-05	$ 15,160.50	$ 31,602.00	11-Oct-05	$ 22,832.25	$ 51,655.50
13-Jan-05	$ 38,114.00	$ 75,102.75	12-Apr-05	$ 36,513.75	$ 77,188.25	12-Jul-05	$ 14,946.75	$ 31,951.50	12-Oct-05	$ 22,909.00	$ 54,019.25
14-Jan-05	$ 37,433.50	$ 73,957.75	13-Apr-05	$ 37,132.75	$ 78,275.00	13-Jul-05	$ 14,641.75	$ 32,277.00	13-Oct-05	$ 22,980.25	$ 55,737.50
17-Jan-05	$ 36,861.50	$ 72,672.25	14-Apr-05	$ 37,412.00	$ 78,847.25	14-Jul-05	$ 14,190.75	$ 32,560.25	14-Oct-05	$ 22,859.75	$ 56,451.75
18-Jan-05	$ 36,064.50	$ 70,889.75	15-Apr-05	$ 37,324.00	$ 79,633.25	15-Jul-05	$ 13,987.00	$ 32,719.75	17-Oct-05	$ 22,558.50	$ 55,803.00
19-Jan-05	$ 35,305.50	$ 68,003.25	18-Apr-05	$ 36,966.25	$ 79,231.75	18-Jul-05	$ 13,812.50	$ 32,440.50	18-Oct-05	$ 22,003.00	$ 53,842.25
20-Jan-05	$ 34,523.75	$ 65,256.00	19-Apr-05	$ 36,051.50	$ 77,864.25	19-Jul-05	$ 13,582.75	$ 31,548.25	19-Oct-05	$ 20,677.00	$ 52,393.25
21-Jan-05	$ 33,725.25	$ 64,825.00	20-Apr-05	$ 34,663.25	$ 75,759.25	20-Jul-05	$ 13,324.25	$ 30,713.25	20-Oct-05	$ 19,919.25	$ 50,890.00
24-Jan-05	$ 33,326.25	$ 65,351.25	21-Apr-05	$ 32,797.75	$ 74,702.50	21-Jul-05	$ 12,986.75	$ 28,792.00	21-Oct-05	$ 19,816.50	$ 49,763.00
25-Jan-05	$ 33,231.50	$ 66,389.50	22-Apr-05	$ 30,813.25	$ 73,610.50	22-Jul-05	$ 12,401.25	$ 27,068.25	24-Oct-05	$ 20,047.50	$ 48,890.25
26-Jan-05	$ 33,490.25	$ 68,229.00	25-Apr-05	$ 29,466.50	$ 72,561.50	25-Jul-05	$ 12,040.75	$ 26,139.25	25-Oct-05	$ 20,548.25	$ 48,607.75
27-Jan-05	$ 34,198.50	$ 70,128.75	26-Apr-05	$ 28,478.50	$ 70,330.00	26-Jul-05	$ 11,796.50	$ 24,975.75	26-Oct-05	$ 20,917.00	$ 48,834.75
28-Jan-05	$ 34,928.25	$ 71,863.25	27-Apr-05	$ 27,408.50	$ 66,845.50	27-Jul-05	$ 11,428.00	$ 23,738.25	27-Oct-05	$ 21,153.25	$ 48,992.50
31-Jan-05	$ 35,257.75	$ 72,412.50	28-Apr-05	$ 26,450.75	$ 64,641.75	28-Jul-05	$ 11,122.50	$ 22,648.25	28-Oct-05	$ 21,133.00	$ 48,772.75
1-Feb-05	$ 35,128.00	$ 72,092.25	29-Apr-05	$ 25,547.25	$ 63,315.75	29-Jul-05	$ 10,727.25	$ 21,737.75	31-Oct-05	$ 20,738.00	$ 48,356.25
2-Feb-05	$ 34,527.00	$ 70,802.75	3-May-05	$ 25,343.00	$ 62,295.50	1-Aug-05	$ 10,430.25	$ 21,165.75	1-Nov-05	$ 20,210.50	$ 47,968.00
3-Feb-05	$ 33,652.00	$ 68,744.50	4-May-05	$ 26,267.25	$ 61,824.25	2-Aug-05	$ 10,207.50	$ 21,058.25	2-Nov-05	$ 19,594.75	$ 46,936.50
4-Feb-05	$ 32,862.00	$ 67,785.25	5-May-05	$ 27,749.00	$ 62,023.50	3-Aug-05	$ 10,162.25	$ 21,291.25	3-Nov-05	$ 19,358.25	$ 45,873.25
7-Feb-05	$ 32,611.00	$ 66,304.25	6-May-05	$ 29,025.25	$ 62,597.50	4-Aug-05	$ 10,464.25	$ 22,075.50	4-Nov-05	$ 19,407.75	$ 45,397.75
9-Feb-05	$ 32,955.00	$ 67,083.25	9-May-05	$ 29,619.75	$ 63,782.75	5-Aug-05	$ 11,078.75	$ 23,548.25	7-Nov-05	$ 19,495.25	$ 44,683.50
10-Feb-05	$ 33,665.00	$ 69,684.75	10-May-05	$ 29,084.25	$ 64,009.75	8-Aug-05	$ 11,678.00	$ 24,754.50	8-Nov-05	$ 19,337.00	$ 44,624.00
11-Feb-05	$ 34,200.00	$ 71,040.00	11-May-05	$ 27,318.25	$ 63,071.00	9-Aug-05	$ 12,097.00	$ 25,719.25	9-Nov-05	$ 19,158.75	$ 45,578.25
14-Feb-05	$ 34,685.00	$ 72,748.50	12-May-05	$ 25,837.00	$ 61,248.75	10-Aug-05	$ 12,273.25	$ 26,873.50	10-Nov-05	$ 19,244.50	$ 48,627.25
15-Feb-05	$ 35,364.00	$ 74,030.25	13-May-05	$ 25,173.25	$ 60,030.25	11-Aug-05	$ 13,895.00	$ 28,236.25	11-Nov-05	$ 19,379.00	$ 49,706.00
16-Feb-05	$ 36,404.00	$ 75,099.75	16-May-05	$ 24,881.50	$ 59,385.50	12-Aug-05	$ 15,010.00	$ 29,316.75	14-Nov-05	$ 19,467.75	$ 50,194.50
17-Feb-05	$ 37,326.25	$ 76,341.75	17-May-05	$ 24,751.75	$ 58,209.25	15-Aug-05	$ 15,676.50	$ 29,773.50	15-Nov-05	$ 19,231.50	$ 49,892.00
18-Feb-05	$ 38,213.00	$ 77,256.75	18-May-05	$ 24,815.00	$ 55,993.00	16-Aug-05	$ 16,348.50	$ 30,321.25	16-Nov-05	$ 18,644.00	$ 49,303.25
21-Feb-05	$ 38,774.75	$ 78,432.00	19-May-05	$ 25,009.25	$ 52,945.25	17-Aug-05	$ 17,237.25	$ 31,200.50	17-Nov-05	$ 17,935.25	$ 48,248.25
22-Feb-05	$ 39,088.75	$ 78,677.00	20-May-05	$ 25,028.00	$ 51,351.50	18-Aug-05	$ 18,132.75	$ 32,292.50	18-Nov-05	$ 17,471.50	$ 47,574.00
23-Feb-05	$ 39,237.50	$ 77,428.50	23-May-05	$ 24,887.00	$ 50,352.00	19-Aug-05	$ 18,650.25	$ 34,570.00	21-Nov-05	$ 17,266.00	$ 47,069.50
24-Feb-05	$ 38,786.00	$ 75,769.25	24-May-05	$ 24,611.00	$ 48,136.00	22-Aug-05	$ 18,846.75	$ 35,309.25	22-Nov-05	$ 17,051.75	$ 46,348.50
25-Feb-05	$ 38,307.75	$ 73,443.75	25-May-05	$ 24,319.25	$ 46,252.75	23-Aug-05	$ 18,735.50	$ 36,070.75	23-Nov-05	$ 17,064.00	$ 45,198.25
28-Feb-05	$ 37,960.50	$ 72,158.25	26-May-05	$ 24,065.25	$ 44,944.50	24-Aug-05	$ 18,296.75	$ 37,091.25	24-Nov-05	$ 17,174.75	$ 43,579.00
1-Mar-05	$ 37,591.00	$ 70,308.25	27-May-05	$ 24,123.50	$ 43,684.75	25-Aug-05	$ 17,655.50	$ 37,734.25	25-Nov-05	$ 17,142.50	$ 41,833.00
2-Mar-05	$ 37,470.00	$ 69,045.75	31-May-05	$ 24,363.00	$ 40,835.50	26-Aug-05	$ 17,016.00	$ 38,612.25	28-Nov-05	$ 17,139.50	$ 40,939.75
3-Mar-05	$ 37,542.00	$ 69,020.25	1-Jun-05	$ 24,743.50	$ 39,070.25	30-Aug-05	$ 16,268.25	$ 39,138.75	29-Nov-05	$ 17,309.50	$ 40,609.00
4-Mar-05	$ 38,106.00	$ 69,445.50	2-Jun-05	$ 25,139.75	$ 36,433.25	31-Aug-05	$ 15,636.75	$ 39,875.25	30-Nov-05	$ 17,550.25	$ 41,064.25
7-Mar-05	$ 38,473.00	$ 70,594.50	3-Jun-05	$ 25,424.00	$ 34,762.00	1-Sep-05	$ 15,007.75	$ 39,363.00	1-Dec-05	$ 17,642.00	$ 40,785.25
8-Mar-05	$ 38,473.00	$ 70,594.50	6-Jun-05	$ 25,271.00	$ 32,912.50	2-Sep-05	$ 14,738.75	$ 37,642.75	2-Dec-05	$ 17,699.00	$ 40,249.25
9-Mar-05	$ 39,576.00	$ 72,047.75	7-Jun-05	$ 24,940.00	$ 31,833.50	5-Sep-05	$ 14,590.50	$ 35,728.50	5-Dec-05	$ 17,798.75	$ 39,872.50
10-Mar-05	$ 40,333.00	$ 70,947.00	8-Jun-05	$ 24,068.25	$ 31,152.75	6-Sep-05	$ 14,890.75	$ 35,207.25	6-Dec-05	$ 17,791.00	$ 39,271.25
11-Mar-05	$ 40,726.00	$ 69,093.00	9-Jun-05	$ 23,260.00	$ 31,111.75	7-Sep-05	$ 15,789.50	$ 36,332.50	7-Dec-05	$ 17,771.50	$ 37,559.50
14-Mar-05	$ 40,842.00	$ 67,593.75	10-Jun-05	$ 22,330.00	$ 30,389.75	8-Sep-05	$ 16,785.25	$ 37,974.50	8-Dec-05	$ 18,068.50	$ 35,458.00
15-Mar-05	$ 40,508.00	$ 65,796.50	13-Jun-05	$ 21,649.25	$ 29,617.25	9-Sep-05	$ 17,440.25	$ 39,267.25	9-Dec-05	$ 18,276.75	$ 35,014.25
16-Mar-05	$ 39,964.00	$ 62,630.75	14-Jun-05	$ 21,015.75	$ 28,955.75	12-Sep-05	$ 17,925.75	$ 41,031.25	12-Dec-05	$ 18,299.00	$ 34,761.00
17-Mar-05	$ 39,383.00	$ 62,519.50	15-Jun-05	$ 20,347.25	$ 27,788.75	13-Sep-05	$ 18,501.50	$ 42,446.00	13-Dec-05	$ 18,291.00	$ 34,597.00
18-Mar-05	$ 39,383.00	$ 62,519.50	16-Jun-05	$ 19,879.25	$ 26,934.00	14-Sep-05	$ 19,075.00	$ 43,362.50	14-Dec-05	$ 18,096.50	$ 33,893.25
21-Mar-05	$ 39,536.00	$ 65,702.75	17-Jun-05	$ 19,412.25	$ 26,270.50	15-Sep-05	$ 19,859.50	$ 44,524.75	15-Dec-05	$ 18,037.25	$ 33,774.50
22-Mar-05	$ 39,693.00	$ 65,949.25	20-Jun-05	$ 19,063.00	$ 26,100.00	16-Sep-05	$ 20,624.00	$ 45,930.25	16-Dec-05	$ 18,031.75	$ 33,011.00
23-Mar-05	$ 39,804.00	$ 65,908.25	21-Jun-05	$ 18,677.50	$ 26,911.00	19-Sep-05	$ 20,977.00	$ 46,450.00	19-Dec-05	$ 17,914.75	$ 32,494.25
24-Mar-05	$ 39,640.00	$ 66,126.75	22-Jun-05	$ 18,787.75	$ 28,928.50	20-Sep-05	$ 21,607.50	$ 46,785.00	20-Dec-05	$ 17,662.50	$ 31,851.00
29-Mar-05	$ 39,364.00	$ 66,348.00	23-Jun-05	$ 19,260.75	$ 30,409.75	21-Sep-05	$ 22,829.75	$ 46,942.50	21-Dec-05	$ 17,468.75	$ 31,043.75
30-Mar-05	$ 38,806.00	$ 66,767.25	24-Jun-05	$ 19,357.75	$ 31,255.50	22-Sep-05	$ 23,766.00	$ 46,384.75	22-Dec-05	$ 17,379.00	$ 30,553.50
31-Mar-05	$ 37,991.00	$ 67,908.25	27-Jun-05	$ 19,279.00	$ 31,692.00	23-Sep-05	$ 23,602.75	$ 46,363.50	23-Dec-05	$ 17,435.25	$ 30,351.50
			28-Jun-05	$ 18,974.75	$ 31,624.50	26-Sep-05	$ 23,209.75	$ 46,365.25			
			29-Jun-05	$ 18,608.25	$ 31,094.25	27-Sep-05	$ 22,112.25	$ 46,147.25			
			30-Jun-05	$ 18,103.00	$ 30,093.25	28-Sep-05	$ 20,978.00	$ 45,453.75			
						29-Sep-05	$ 20,395.50	$ 44,489.00			
						30-Sep-05	$ 20,555.25	$ 44,665.50			

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Liberty IR-63: (Cont'd)

Date	Panamax	Capesize	Date	Panamax	Capesize	Date	Panamax	Capesize	Date	Panamax	Capesize
3-Jan-06	$ 18,218.25	$ 30,768.00	3-Apr-06	$ 17,713.25	$ 34,465.25	3-Jul-06	$ 24,284.75	$ 37,360.75	2-Oct-06	$ 31,313.00	$ 55,615.75
4-Jan-06	$ 18,582.00	$ 31,377.25	4-Apr-06	$ 17,471.25	$ 34,925.50	4-Jul-06	$ 24,069.75	$ 36,816.50	3-Oct-06	$ 31,654.25	$ 55,308.75
5-Jan-06	$ 18,677.50	$ 32,176.00	5-Apr-06	$ 17,208.75	$ 34,974.75	5-Jul-06	$ 23,596.00	$ 35,583.50	4-Oct-06	$ 31,783.50	$ 54,305.25
6-Jan-06	$ 18,519.25	$ 32,472.75	6-Apr-06	$ 17,053.50	$ 34,996.50	6-Jul-06	$ 23,061.50	$ 34,814.00	5-Oct-06	$ 31,735.25	$ 53,620.00
9-Jan-06	$ 18,274.50	$ 32,655.25	7-Apr-06	$ 17,003.75	$ 35,252.50	7-Jul-06	$ 22,597.25	$ 34,576.00	6-Oct-06	$ 31,736.00	$ 54,589.25
10-Jan-06	$ 17,909.00	$ 32,454.00	10-Apr-06	$ 17,017.00	$ 35,208.00	10-Jul-06	$ 22,452.75	$ 34,481.25	9-Oct-06	$ 31,757.75	$ 56,129.50
11-Jan-06	$ 17,463.00	$ 31,562.50	11-Apr-06	$ 17,103.75	$ 34,956.00	11-Jul-06	$ 22,057.75	$ 34,526.25	10-Oct-06	$ 31,616.00	$ 56,921.25
12-Jan-06	$ 17,002.00	$ 30,642.50	12-Apr-06	$ 17,234.25	$ 34,322.25	12-Jul-06	$ 21,769.25	$ 35,615.25	11-Oct-06	$ 31,308.50	$ 58,477.75
13-Jan-06	$ 16,759.75	$ 29,814.25	13-Apr-06	$ 17,220.00	$ 34,112.00	13-Jul-06	$ 21,584.75	$ 37,434.75	12-Oct-06	$ 31,129.00	$ 60,915.50
16-Jan-06	$ 16,506.25	$ 29,272.50	18-Apr-06	$ 17,098.50	$ 33,917.75	14-Jul-06	$ 21,918.50	$ 39,646.75	13-Oct-06	$ 31,158.75	$ 62,737.50
17-Jan-06	$ 16,327.00	$ 28,205.50	19-Apr-06	$ 16,809.25	$ 33,501.00	17-Jul-06	$ 22,222.25	$ 40,552.25	16-Oct-06	$ 31,089.75	$ 63,225.50
18-Jan-06	$ 16,044.00	$ 27,053.50	20-Apr-06	$ 16,577.50	$ 32,273.00	18-Jul-06	$ 22,520.50	$ 42,042.00	17-Oct-06	$ 30,772.75	$ 62,555.75
19-Jan-06	$ 15,681.75	$ 26,338.75	21-Apr-06	$ 16,496.00	$ 31,550.25	19-Jul-06	$ 22,868.25	$ 43,903.50	18-Oct-06	$ 30,187.75	$ 61,444.50
20-Jan-06	$ 14,831.50	$ 26,094.50	24-Apr-06	$ 16,493.25	$ 30,967.75	20-Jul-06	$ 23,145.50	$ 44,961.50	19-Oct-06	$ 29,676.50	$ 60,266.50
23-Jan-06	$ 14,248.75	$ 25,876.50	25-Apr-06	$ 16,523.25	$ 29,773.25	21-Jul-06	$ 23,366.25	$ 45,487.25	20-Oct-06	$ 29,467.50	$ 59,304.00
24-Jan-06	$ 13,719.00	$ 25,753.00	26-Apr-06	$ 16,595.50	$ 28,853.25	24-Jul-06	$ 23,501.50	$ 45,649.75	23-Oct-06	$ 29,287.50	$ 58,951.50
25-Jan-06	$ 13,372.75	$ 26,071.00	27-Apr-06	$ 16,558.00	$ 28,616.00	25-Jul-06	$ 23,568.75	$ 46,332.75	24-Oct-06	$ 29,046.75	$ 58,773.75
26-Jan-06	$ 13,267.25	$ 26,780.25	28-Apr-06	$ 16,471.00	$ 28,662.00	26-Jul-06	$ 23,566.75	$ 46,454.00	25-Oct-06	$ 28,699.50	$ 58,709.75
27-Jan-06	$ 13,468.75	$ 27,445.50	2-May-06	$ 16,337.00	$ 28,797.00	27-Jul-06	$ 23,471.25	$ 46,971.50	26-Oct-06	$ 28,505.75	$ 59,263.25
30-Jan-06	$ 13,628.50	$ 27,741.25	3-May-06	$ 16,380.00	$ 28,898.00	28-Jul-06	$ 23,440.25	$ 47,500.50	27-Oct-06	$ 28,714.00	$ 60,615.50
31-Jan-06	$ 13,789.50	$ 28,072.25	4-May-06	$ 16,565.50	$ 28,909.50	31-Jul-06	$ 23,461.75	$ 48,363.00	30-Oct-06	$ 29,020.75	$ 61,442.00
1-Feb-06	$ 13,918.50	$ 28,323.25	5-May-06	$ 16,798.25	$ 28,877.50	1-Aug-06	$ 23,720.25	$ 49,685.50	31-Oct-06	$ 29,669.75	$ 61,988.00
2-Feb-06	$ 14,209.25	$ 28,839.75	8-May-06	$ 17,008.75	$ 29,025.25	2-Aug-06	$ 24,280.50	$ 53,239.25			
3-Feb-06	$ 14,614.25	$ 29,381.75	9-May-06	$ 17,307.25	$ 29,019.50	3-Aug-06	$ 25,066.25	$ 56,275.25			
6-Feb-06	$ 14,916.00	$ 29,650.25	10-May-06	$ 17,636.50	$ 29,319.25	4-Aug-06	$ 25,422.50	$ 57,747.75			
7-Feb-06	$ 15,055.00	$ 30,341.50	11-May-06	$ 17,843.00	$ 30,094.25	7-Aug-06	$ 25,750.00	$ 58,386.00			
8-Feb-06	$ 15,187.25	$ 31,309.00	12-May-06	$ 17,940.75	$ 30,679.50	8-Aug-06	$ 26,164.50	$ 58,374.50			
9-Feb-06	$ 15,491.25	$ 31,983.50	15-May-06	$ 17,960.50	$ 30,902.00	9-Aug-06	$ 26,475.25	$ 57,623.75			
10-Feb-06	$ 15,771.50	$ 33,098.25	16-May-06	$ 17,888.25	$ 30,897.25	10-Aug-06	$ 26,783.00	$ 56,973.50			
13-Feb-06	$ 15,933.00	$ 33,912.00	17-May-06	$ 17,675.50	$ 30,689.00	11-Aug-06	$ 27,308.50	$ 57,143.00			
14-Feb-06	$ 16,029.00	$ 35,961.25	18-May-06	$ 17,551.75	$ 30,451.75	14-Aug-06	$ 27,712.50	$ 57,767.00			
15-Feb-06	$ 16,290.75	$ 38,990.25	19-May-06	$ 17,646.50	$ 30,136.75	15-Aug-06	$ 28,155.50	$ 59,183.50			
16-Feb-06	$ 16,775.25	$ 43,085.75	22-May-06	$ 17,796.50	$ 29,779.75	16-Aug-06	$ 28,446.50	$ 58,862.25			
17-Feb-06	$ 17,465.00	$ 46,656.75	23-May-06	$ 17,889.25	$ 29,272.75	17-Aug-06	$ 28,456.50	$ 57,432.00			
20-Feb-06	$ 18,053.75	$ 47,943.25	24-May-06	$ 17,989.50	$ 28,604.00	18-Aug-06	$ 28,450.00	$ 55,072.75			
21-Feb-06	$ 18,093.75	$ 47,412.50	25-May-06	$ 18,048.25	$ 28,095.25	21-Aug-06	$ 28,378.50	$ 53,873.75			
22-Feb-06	$ 17,834.00	$ 42,092.00	26-May-06	$ 18,010.25	$ 27,787.50	22-Aug-06	$ 28,111.75	$ 52,293.00			
23-Feb-06	$ 17,516.25	$ 40,962.00	29-May-06	$ 17,961.50	$ 27,393.75	23-Aug-06	$ 27,485.25	$ 51,601.25			
24-Feb-06	$ 17,406.75	$ 41,200.00	30-May-06	$ 17,952.25	$ 28,303.75	24-Aug-06	$ 27,333.50	$ 52,468.25			
27-Feb-06	$ 17,433.00	$ 41,945.50	1-Jun-06	$ 18,141.25	$ 29,374.75	25-Aug-06	$ 27,842.75	$ 53,643.00			
28-Feb-06	$ 17,525.50	$ 42,992.50	2-Jun-06	$ 18,497.25	$ 30,279.00	29-Aug-06	$ 28,444.50	$ 55,054.75			
1-Mar-06	$ 17,774.50	$ 43,632.50	5-Jun-06	$ 18,866.50	$ 31,104.25	30-Aug-06	$ 29,107.50	$ 55,795.50			
2-Mar-06	$ 18,054.50	$ 42,683.00	6-Jun-06	$ 19,260.75	$ 31,495.25	31-Aug-06	$ 29,972.25	$ 56,683.50			
3-Mar-06	$ 18,246.25	$ 41,715.25	7-Jun-06	$ 19,585.25	$ 31,636.25	1-Sep-06	$ 30,587.75	$ 56,875.00			
6-Mar-06	$ 18,427.75	$ 41,196.75	8-Jun-06	$ 20,108.25	$ 31,946.00	4-Sep-06	$ 30,789.25	$ 56,666.25			
7-Mar-06	$ 18,468.00	$ 40,749.75	9-Jun-06	$ 20,425.75	$ 32,145.25	5-Sep-06	$ 30,650.00	$ 56,453.50			
8-Mar-06	$ 18,795.50	$ 40,881.50	12-Jun-06	$ 20,815.00	$ 32,178.00	6-Sep-06	$ 30,567.75	$ 56,063.75			
9-Mar-06	$ 19,155.00	$ 40,937.75	13-Jun-06	$ 21,152.25	$ 32,597.00	7-Sep-06	$ 30,831.50	$ 55,738.00			
10-Mar-06	$ 19,455.25	$ 40,345.25	14-Jun-06	$ 21,249.75	$ 33,001.00	8-Sep-06	$ 31,279.00	$ 55,721.00			
13-Mar-06	$ 19,556.50	$ 39,650.00	15-Jun-06	$ 21,126.25	$ 33,363.75	11-Sep-06	$ 31,658.75	$ 56,175.75			
14-Mar-06	$ 19,625.75	$ 38,036.25	16-Jun-06	$ 20,890.00	$ 33,629.25	12-Sep-06	$ 32,041.25	$ 57,796.25			
15-Mar-06	$ 19,460.25	$ 35,634.25	19-Jun-06	$ 20,756.25	$ 33,855.75	13-Sep-06	$ 32,674.00	$ 61,218.25			
16-Mar-06	$ 19,272.00	$ 33,059.25	20-Jun-06	$ 20,571.00	$ 34,027.00	14-Sep-06	$ 33,445.50	$ 62,654.00			
17-Mar-06	$ 18,912.25	$ 32,211.25	21-Jun-06	$ 20,563.00	$ 34,303.50	15-Sep-06	$ 34,295.75	$ 62,977.25			
20-Mar-06	$ 18,457.75	$ 32,668.00	22-Jun-06	$ 21,093.25	$ 34,902.50	18-Sep-06	$ 34,572.00	$ 63,140.50			
21-Mar-06	$ 17,796.00	$ 34,434.50	23-Jun-06	$ 21,625.50	$ 35,401.50	19-Sep-06	$ 34,554.25	$ 62,581.00			
22-Mar-06	$ 17,592.25	$ 35,424.50	26-Jun-06	$ 21,892.25	$ 35,699.25	20-Sep-06	$ 34,120.50	$ 61,470.00			
23-Mar-06	$ 17,922.00	$ 35,971.75	27-Jun-06	$ 22,637.00	$ 35,757.75	21-Sep-06	$ 33,338.25	$ 60,828.50			
24-Mar-06	$ 18,332.75	$ 36,022.75	28-Jun-06	$ 23,437.75	$ 35,943.25	22-Sep-06	$ 32,068.75	$ 60,187.50			
27-Mar-06	$ 18,578.00	$ 35,820.25	29-Jun-06	$ 23,969.00	$ 36,371.00	25-Sep-06	$ 31,152.00	$ 59,223.50			
28-Mar-06	$ 18,564.50	$ 34,339.25	30-Jun-06	$ 24,117.25	$ 37,097.50	26-Sep-06	$ 30,060.00	$ 57,418.25			
29-Mar-06	$ 18,345.75	$ 33,720.50				27-Sep-06	$ 29,643.75	$ 55,533.25			
30-Mar-06	$ 18,020.75	$ 33,597.00				28-Sep-06	$ 30,082.25	$ 55,196.00			
31-Mar-06	$ 17,838.50	$ 33,794.25				29-Sep-06	$ 31,067.25	$ 55,234.00			

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-64: **With respect to the Application, the discussion of solid fuels forecasting methodology on pages 56 and 57 is not consistent with the discussion on pages 33 and 34 of the Application. Please explain this inconsistency. Also, please provide the "contemporaneous bids" and the "forward price curves", and the dates of these bids and price curves that were used to develop the consensus forecast that supports the 2007 solid fuels budget.**

Response IR-64: The response to the question is confidential.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-65: **With respect to the Application on page 50, lines 2 and 3, please explain why operation of the PTMT has eliminated rail transportation costs from the port to the Point Tupper Generating Station.**

Response IR-65: Prior to the construction and operation of the Point Tupper Marine Terminal (PTMT), NSPI discharged solid fuels at the Martin Marietta facility in Aulds Cove, Nova Scotia. Solid fuel was then railed from this facility to the Point Tupper Generating Station.

NSPI now unloads vessels at the PTMT which is adjacent to the Point Tupper Generating Station. Because of this proximity, it is no longer necessary to rail product to Point Tupper from the unload site and therefore rail transportation costs to Point Tupper have been eliminated.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-66: **Please provide fuel-quantity information, in heat content (MMBtu) and physical units (Mcf of natural gas, metric tonnes of coal, etc.) for each source of energy for each of the four cases (Actual 2005, Forecast 2006, Compliance Rates Test Year Forecast 2006 and Test Year Forecast 2007) in Table 8 of Appendix A to the Company's Application. For the Export Sales item in that table, indicate the source of the energy used to provide those sales, as well as the fuel quantity. For each case, provide monthly information and annual summaries.**

Response IR-66: Please refer to Confidential Attachment 1 for the 2005A monthly consumption volumes and cost along with the energy output for each fuel type.

Please refer to Confidential Attachment 2 for the 2006F monthly consumption volumes and cost along with the energy output for each fuel type.

Please refer to Confidential Attachment 3 for the 2006C monthly consumption volumes and cost along with the energy output for each fuel type

Please refer to Confidential Attachment 4 for the 2007 forecasted monthly consumption volumes and cost along with the energy output for each fuel type.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Response IR-66: (cont'd)

Appendix A, Table 8 of the Direct Evidence provides both actual and forecasted fuel costs separated by fuel consumption for domestic and export load purposes. NSPI tracks and reports export sales volumes in MWh's only. NSPI does not capture export volumes in MMBtu's, metric tons, or barrels. Therefore volumes associated with the "Export Cost" reported in line 24 of Table 8 are available in MWh's only.

Please refer to Confidential Attachment 5 for 2005A export sales volumes (MWh's) by energy source and associated costs.

Please refer to Confidential Attachment 6 for the 2006F export sales volumes (MWh's) by energy source and associated costs.

Please refer to Confidential Attachment 7 for the 2006C export sales volumes (MWh's) by energy source and associated costs.

Please refer to Confidential Attachment 8 for the 2007 export sales volumes (MWh's) by energy source and associated costs.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-67: **Please provide the amounts of electricity production and sales (Gwh) for each energy source in each of those same four cases. For each case, provide monthly information and annual summaries.**

Response IR-67: Please refer to Liberty IR-66.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-68: **Please provide delivered price information ($/MMBtu and $/physical unit) for each source of energy consumed and sold for each of those same four cases. For hedged fuels, provide the contract or forecast price, and the amount of benefit or cost for each hedge. For each case, provide monthly information and annual summaries.**

Response IR-68: Please refer to Liberty IR-66 for the unit pricing for each source of energy consumed in Appendix A, Table 8.

Confidential Attachments 1 to 5 provide the following information for 2005A, 2006F and 2007:

- financial hedges identified by commodity and volume
- fixed price component of each hedge
- realized and mark-to-market gains or losses on each hedge

2006C does not include any financial hedges.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-69: **Please provide the same information as in Table 8 of Appendix A to the Company's Application for the 2006 Forecast, 2006 Test Year Forecast and 2007 Test Year Forecast cases, but updated to the end of October, 2006.**

a. **Use actual prices paid, quantities consumed, quantities sold and prices realized for the first 10 months of 2006, and best current estimates for the last two months, for the 2006 Forecast case.**

b. **Use actual prices paid for the first 10 months, and October 31 hedged effective forward prices for the last two months, for the 2006 Test Year Forecast case.**

c. **Use hedged effective forward or forecast prices as of October 31, 2006 for the 2007 Test Year Forecast case.**

d. **For each case, provide the same detail for electricity production, fuel prices, fuel resold, power exported and prices received as has been requested for the cases in Table 8 of Appendix A to the Company's Application.**

Response IR-69: a-d. NSPI has filed an application based upon its the 2007 test year. In the 2002 Rate Case Decision, the Board confirmed that revising rate applications in order to provide "current" estimates is not appropriate methodology for rate-making purposes. The Board wrote:

> If the rate-making process were based on the most up-to-date numbers, as opposed to forward-looking data derived from experience over the longer term, each month could bring innumerable changes to the revenue requirement. On balance, it is the Board's

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Response IR-69: (cont'd)

> view that this is not an appropriate methodology to employ for rate-making purposes. Therefore, despite the appeal of "actual" results over the projections and the arguments which have been made with respect to all or some of the adjustments, the Board has decided to disregard the January filing. Accordingly, the Board will consider the test year data included in the original filing by NSPI dated December 18, 2001. The Board notes that, in any event, the net effect of the January adjustments on NSPI's projected revenue is zero.[1]

Requests for updates, scenarios and sensitivity analyses are contrary to this direction from the UARB.

The factors that Liberty wishes to test by this Information Request are best addressed by a Fuel Adjustment Mechanism (FAM). A FAM would allow NSPI to recover on a timely basis its actual, as opposed to forecasted, fuel expense. If a FAM is considered desirable NSPI is prepared to work with Liberty to design such a mechanism.

The test-year forecast establishes NSPI's test year revenue requirements, subject to approval by the UARB.

---

[1] NSPI 2002 Rate Case, UARB Decision, NSUARB – NSPI - P-875, October 23, 2002, paragraph 85

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-70: **Please provide the same information as requested in the previous IR for the 2007 Test Year Forecast case, but for the year 2007 in the Low Forecast scenario from Appendix F to the Company's Application.**

Response IR-70: Please refer to Liberty IR-69.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-71: **With respect to Table 8 of Appendix A to the Notice of Application and Direct Evidence, for each of the columns (2) through (5), please provide a sensitivity analysis by calculating both a high oil and gas price case, and a low oil and gas price case. For the high oil and gas price case, assume that prices are 15% higher than the oil and gas prices originally assumed in the calculation of Table 8 as provided in the Application; for the low oil and gas price case, assume that prices are 15% lower than the oil and gas prices originally assumed in the calculation of Table 8 as provided in the Application.**

Response IR-71: Please refer to Liberty IR-69.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-72: **Please describe the Company's policy regarding the fuel and other production costs assumed for off-system sales of electricity (such as export sales) for the purpose of computing margin realized on such sales.**

Response IR-72: To compute off-system sales margin, the available resource is calculated based on a Strategist run serving domestic load only. From this economic dispatch model a portion of the on peak available energy from Tufts Cove Unit 2 and 3 is forecast to be available and competitive for export sales in each of the months of the year.

The Strategist model is then run with the export load added in the on peak hours in the months profile from the domestic load run. If the SO_2 emissions are above the annual limit, the model is re-run with the fuel blends optimized for SO_2 compliance. The output from this run is compared to the base run, and the difference is the cost of fuel to serve the off-system sales including SO_2 compliance.

The next step is to estimate the margin on export sales. This is based on the approximate average of historical margins. Excluding unusual periods such as the 2005 hurricane season and the loss of a large industrial customer, NSPI has realized margin between [redacted] per MWh for off-system sales and for the test year has forecast [redacted] MWh.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-73: **Please provide details of the large-customer shut-down that occurred during 2006. How long did it last? How much revenue was lost? How much fuel consumption was avoided? What fuels were not consumed (MMBtu and physical units)? What assumptions for this customer are in the Company's Test Year Forecast for 2007?**

Response IR-73: The shut down started in the last week of December 2005 and continued until the first week of October 2006. [redacted]

The estimated revenue loss, year to date October 2006 is approximately [redacted]

It is estimated that approximately [redacted] of load and associated fuel was avoided due to the shut-down in 2006. NSPI is unable to retroactively determine the changes in unit dispatch, or the mix or volume of fuels that would have been used to serve this load had it been required. There are too many unknowns to conduct such an analysis.

NSPI estimated an improvement in earnings over 2005 of $3 million in each of Q1 2006 and Q2 2006. For Q3 2006, the effect is deminimus.

It has been assumed that the customer will be at full load for 2007 and the customer has subsequently confirmed this. Please refer to Stutz IR-13 and Stutz IR-17.

As estimated in response to Stutz IR-13, the incremental fuel cost to serve this customer in 2007 is approximately $155 million.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-74: **Please identify how much of the reduced production and sales that are forecast to have occurred in 2006 were due to the large customer shut-down, and how much to the warm winter. Please describe the methods used to isolate the two effects.**

Response IR-74: **Effect of customer shut down to end October 2006:**

The energy actually used by the customer was [redacted] less than forecast to end October 2006. This represents approximately [redacted] of production. These figures have been calculated by subtracting the customer's actual load from the predicted customer load.

Temperature effect to end October 2006:

It is estimated that the warmer than average Q1 weather reduced sales by approximately 150 GWh and production requirement by approximately 165 GWh. These temperature effects are derived using monthly weather normalization calculations. NSPI forecasts load based on normal temperatures.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-75: **Please provide additional details of the forecast increase in consumption of light fuel oil (LFO): which generating units are involved, what increase in generation is forecast for each unit, etc.**

Response IR-75: Confidential Attachment 1 provides the details by unit of the increased generation of Light Fuel Oil in 2007 versus 2006C.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-76: **Please describe in detail the current arrangements for the purchase of LFO. Describe the process by which each vendor was selected, and provide copies of all solicitations by the Company, responses by prospective suppliers, and Company evaluations of proposals.**

Response IR-76: NSPI has contracted with [redacted] for its LFO requirements. [redacted] was selected through a formal RFQ process. Please refer to Liberty IR-14 Attachment "LFO RFQ" for the documentation.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-77: **Does the Company hedge the price of its LFO requirements? Please provide details of any hedging program for this fuel, and provide a list of current positions.**

Response IR-77: NSPI does not hedge the price of its LFO requirements.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-78: **Does the Company try to hedge the price of petroleum coke? How?**

Response IR-78: NSPI purchases petroleum coke on a fixed price basis as well as the PACE index. To limit the price exposure on the indexed supply, NSPI will typically negotiate a floor and ceiling to the index, if available; this limits price volatility to the band of price between the floor price and ceiling price.

NSPI's portfolio strategy also serves as a hedge. The combination of short, mid and long term purchases, as well as staggered expirations, serves as a hedge that protects against the volatility in solid fuel prices.

Exchange rate is also hedged.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-79: **As it relates to the desirability of adopting a FAM, please describe any change in the position taken by the Company in the prior rate proceedings.**

Response IR-79: The Company continues to believe a Fuel Adjustment Mechanism should be implemented.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty

Question IR-80: **Please provide the details of the "formal development plan" that is in place for the current NSPI employee that will enable him to take on full responsibility for solid fuel procurement, as described in the letter of 10/31/06 from Rene Gallant to Nancy McNeil. Please provide any schedules that are part of, or that accompany this development plan, and also indicate what portions of this plan have been completed, and what portions remain to be completed.**

Response IR-80: Please refer to UARB IR-15b.

NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF: The *Public Utilities Act,* R.S.N.S. 1989, c.380 as amended

IN THE MATTER OF: An Application by Nova Scotia Power Incorporated for Approval of Certain Revisions to its Rates, Charges and Regulations

RESPONSE TO INFORMATION REQUEST

TO: NSPI

FROM: Liberty **REDACTED**

Question IR-81: **The letter from Rene Gallant to Nancy McNeil dated 10/31/06 on the subject of the Fuel Supply Portfolio contained Appendix A and a listing of current solid fuel contracts. This letter stated that the solid fuel portfolio is now in compliance with the fuel portfolio strategy, ahead of schedule. With respect to this Appendix A, please provide the following:**

a. **Confirmation that the [redacted] are properly listed, and [redacted]**

b. **A clear description of the convention being used to categorize the terms of medium-term versus long-term solid fuel contracts. For example, from the fuel strategy, [redacted]?**

Response IR-81: The response to this question is confidential.