

BEFORE THE
PUBLIC UTILITIES COMMISSION
OF THE
STATE OF RHODE ISLAND
AND PROVIDENCE PLANTATIONS

IN THE MATTER OF)
THE NARRAGANSETT ELECTRIC COMPANY) DOCKET NO. 5066
D/B/A NATIONAL GRID 2020 GAS COST)
RECOVERY FILING)

DIRECT TESTIMONY
OF
JEROME D. MIERZWA

ON BEHALF OF
THE DIVISION OF PUBLIC UTILITIES AND CARRIERS

October 7, 2020

EXETER

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TESTIMONY OF JEROME D. MIERZWA

Docket No. 5066

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TESTIMONY OF JEROME D. MIERZWA

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1

I. INTRODUCTION

2 Q.

WOULD YOU PLEASE STATE YOUR NAME AND BUSINESS ADDRESS?

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4 A.

My name is Jerome D. Mierzwa. I am a principal and President of Exeter Associates, Inc. ("Exeter"). My business address is 10480 Little Patuxent Parkway, Suite 300, Columbia, Maryland 21044. Exeter specializes in providing public utility-related consulting services.

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8 Q.

PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND EXPERIENCE.

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10 A.

I graduated from Canisius College in Buffalo, New York, in 1981 with a Bachelor of Science Degree in Marketing. In 1985, I received a Master's Degree in Business Administration with a concentration in finance, also from Canisius College. In July 1986, I joined National Fuel Gas Distribution Corporation ("NFG Distribution") as a Management Trainee in the Research and Statistical Services Department ("RSS"). I was promoted to Supervisor RSS in January 1987. While employed with NFG Distribution, I conducted various financial and statistical analyses related to the Company's market research activity and state regulatory affairs. In April 1987, as part of a corporate reorganization, I was transferred to National Fuel Gas Supply Corporation's ("NFG Supply") rate department where my responsibilities included utility cost of service and rate design analysis, expense and revenue requirement forecasting and activities related to federal regulation. I was also

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1 responsible for preparing NFG Supply's Purchase Gas Adjustment ("PGA")
2 filings and developing interstate pipeline and spot market supply gas price
3 projections. These forecasts were utilized for internal planning purposes as
4 well as in NFG Distribution's annual purchased gas cost review proceedings.

5 In April 1990, I accepted a position as a Utility Analyst with Exeter
6 Associates, Inc. ("Exeter"). In December 1992, I was promoted to Senior
7 Regulatory Analyst. Effective April 1, 1996, I became a principal of Exeter.
8 Since joining Exeter, my assignments have included gas, electric, and water
9 utility class cost of service and rate design analysis, evaluating the gas
10 purchasing practices and policies of natural gas utilities, sales and rate
11 forecasting, performance-based incentive regulation, revenue requirement
12 analysis, the unbundling of utility services, and the evaluation of customer
13 choice natural gas transportation programs.

14 Q. HAVE YOU PREVIOUSLY TESTIFIED IN REGULATORY
15 PROCEEDINGS ON UTILITY RATES?

16 A. Yes. I have provided testimony on more than 350 occasions in proceedings
17 before the Federal Energy Regulatory Commission ("FERC"), utility regulatory
18 commissions in Arkansas, Delaware, Georgia, Illinois, Indiana, Louisiana,
19 Maine, Montana, Nevada, New Jersey, Ohio, Pennsylvania, South Carolina,
20 Texas, Utah, and Virginia, as well as before the Public Utilities Commission of
21 Rhode Island ("Commission").

22 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

23 A. Exeter was retained by the Division of Public Utilities and Carriers ("Division")
24 to review the September 1, 2020 Annual Gas Cost Recovery ("GCR") filing of

1 the Narragansett Electric Company d/b/a National Grid (“National Grid” or “the
2 Company”). My testimony presents the results of my review.

3 Q. IN WHICH PROCEEDINGS HAVE YOU PREVIOUSLY TESTIFIED
4 BEFORE THIS COMMISSION?

5 A. I presented testimony on behalf of the Division in National Grid’s 2019 GCR
6 proceeding at Docket No. 4963. I have also previously testified before this
7 Commission in the following water utility rate proceedings:

- 8 • City of Newport, Water Division Docket Nos. 2985, 4355, 4295, and
9 4933;
- 10 • Providence Water Supply Board Docket Nos. 2048, 3163, 3832, 4406,
11 4618, and 4994;
- 12 • Kent County Water Authority Docket Nos. 2555, 3311, and 4611;
- 13 • Pawtucket Water Supply Board Docket Nos. 2674 and 3945;
- 14 • Suez Water Rhode Island, Inc. Docket No. 4800; and
- 15 • Woonsocket Water Division Docket Nos. 4320 and 4879.

16 Q. WHAT IS YOUR EXPERIENCE WITH RESPECT TO EVALUATING
17 THE GAS PROCUREMENT PRACTICES OF NATURAL GAS LOCAL
18 DISTRIBUTION COMPANIES (“LDCs”) LIKE NATIONAL GRID?

19 A. Over the last 30 years, I have reviewed and assessed the gas procurement
20 practices and policies of approximately 40 different LDCs. For many of these
21 LDCs, I have performed gas procurement reviews on an annual basis. In
22 total, I estimate that I have performed approximately 200 such reviews.

1 These assessments include review of an LDC's capacity and gas supply
2 resource portfolios.

3 Q. HAS THE COMPANY SUBSEQUENTLY REVISED THE RATES
4 INITIALLY REFLECTED IN ITS SEPTEMBER 1, 2020 GCR FILING?

5 A. Yes. In its initial GCR filing and as subsequently discussed in greater detail,
6 in response to a recommendation from the Division in the 2019 GCR
7 proceeding (Docket No. 4963), the Company proposed to recover the costs
8 associated with several gas supply and transportation contracts in its August
9 3, 2020 Distribution Adjustment Charge ("DAC") filing. These contracts were
10 to be utilized to meet the design peak hour requirements of National Grid's
11 customers. In subsequent discussion with the Division after the 2020 GCR
12 filing was made, the Company has agreed to include the fixed costs
13 associated with an additional supply contract and transportation contract in
14 the DAC. The proposed cost reallocation was made to recognize that the
15 additional contracts will also be used to meet peak hour requirements. To
16 reflect these changes, the Company submitted revised GCR and DAC filings
17 on September 28, 2020.

18 Q. PLEASE SUMMARIZE NATIONAL GRID'S CURRENT GCR RATES
19 AND THE RATES PROPOSED IN THE COMPANY'S INITIAL AND
20 REVISED FILINGS.

21 A. The current High Load Factor GCR rate is \$0.4736 per therm and the current
22 Low Load factor GCR rate is \$0.5302 per therm. The Company initially
23 proposed an increase in the High Load Factor GCR rate of \$0.0442 per therm
24 to \$0.5178 per therm, or 9.3 percent, and an increase in the Low Load Factor
25 GCR rate of \$0.0566 per therm to \$0.5868 per therm, or 10.7 percent. In its

1 revised GCR filing, the Company has proposed an increase in the current
2 High Load Factor GCR rate of \$0.0357 per therm to \$0.5093 per therm, or 7.5
3 percent, and an increase of \$0.0455 per therm in the current Low Load Factor
4 GCR rate to \$0.5757 per therm, or 8.6 percent.

5 Q. PLEASE SUMMARIZE YOUR FINDINGS AND
6 RECOMMENDATIONS.

7 A. My findings and recommendations are as follows:

- 8 • In National Grid's 2019 GCR proceeding at Docket No. 4963, the
9 Commission directed the Company to work with the Division to
10 address a number of concerns and issues raised by the Division. As
11 discussed in greater detail in my testimony, the Company has
12 complied with the Commission's directives in Docket No. 4963;
- 13 • The Company's proposal to recover the fixed costs associated with
14 meeting peak hour requirements through the DAC as reflected in its
15 revised GCR and DAC filings should be approved;
- 16 • The Company should track the incremental variable costs it incurs in
17 meeting peak-hour requirements and report those costs in its 2021
18 DAC filing. Should those costs be significant, those costs should be
19 included in the DAC reconciliation process next year and removed
20 from the GCR reconciliation process;
- 21 • The Company's proposed changes to the capacity assignment
22 provisions of the Gas Customer Choice Program appear reasonable;
- 23 • The Commission should direct the Company to continue to work with
24 the Division to develop data exchange protocols for the Natural Gas
25 Portfolio Management Plan ("NGPMP") which provide for additional
26 transparency and for more efficient auditing;

- 1 • The Company should further diversify the timing of its advance hedge
2 purchases under the Gas Procurement Incentive Program (“GPIP”),
3 and limit the use of accelerated purchase to a period when current
4 New York Mercantile Exchange (“NYMEX”) prices are lower than
5 average historic prices;
- 6 • The Company should update its GCR rate projections in its rebuttal
7 testimony to reflect the most recent projections of gas supply
8 commodity prices, if doing so results in a material change in GCR
9 rates.

10 Q. PLEASE SUMMARIZE THE DIRECTIVES ISSUED TO THE
11 COMPANY BY THE COMMISSION IN DOCKET NO. 4963.

12 A. In Docket No. 4963, The Commission directed the Company to work with the
13 Division to:

- 14 • Develop appropriate cost allocation procedures for incremental design
15 peak hour costs and to present those procedures in next year’s GCR
16 filing;
- 17 • Evaluate the Company’s current cost allocation procedures for the
18 interstate pipeline firm-transportation capacity assigned to the
19 Company’s firm-transportation customers and reflect modifications to
20 the current approach which addresses the allocation of fixed gas
21 supply reservation charges, and to present those modifications in next
22 year’s GCR filing; and
- 23 • Develop data exchange protocols for the GPIP and the NGPMP so as
24 to provide additional transparency and allow more efficient auditing.

1 Q. BEFORE CONTINUING GENERALLY DESCRIBE THE TYPES OF
2 CUSTOMERS SERVED BY NATIONAL GRID AND THE SERVICES
3 PROVIDED TO THOSE CUSTOMERS.

4 A. National Grid provides firm sales service to retail GCR customers. This is a
5 bundled service under which the Company arranges for the delivery of gas
6 supplies to its citygate and provides for the delivery of these arranged
7 supplies across its distribution system to end-use customers. National Grid
8 contracts for interstate pipeline capacity, storage, peaking, and gas supply
9 resources to serve retail GCR customers.

10 National Grid also provides unbundled transportation service under its
11 Gas Customer Choice Program. Under this program, end use customers
12 purchase their gas supplies from third-party marketers or suppliers
13 (collectively "Marketers") which arrange for the delivery of the gas supplies
14 necessary to serve their customers to National Grid's citygate. National Grid
15 provides for the delivery of the Marketer-arranged supplies from its citygate to
16 end-use customers. National Grid offers two primary types of firm
17 transportation service — FT-1 and FT-2. Under FT-1 service, a customer's
18 gas usage is measured on a daily basis. Under FT-2 service, a customer's
19 gas usage is generally measured on a monthly rather than daily basis.

20 There are two categories of FT-1 customers — capacity assigned and
21 capacity exempt customers. Marketers serving capacity assigned FT-1
22 customers receive an assignment of the Company's interstate pipeline firm
23 transportation capacity to meet a portion of their customer's gas supply
24 requirements. The remainder of a capacity assigned FT-1 customer's
25 requirements would be met by other capacity and gas supply resources

1 acquired by the Marketer serving the customer. Marketers serving capacity
2 exempt FT-1 customers are not assigned any of the Company's interstate
3 pipeline firm transportation capacity resources. Marketers serving capacity
4 assigned and capacity exempt FT-1 customers are required to deliver the gas
5 supply requirements of their customers on a daily basis within the imbalance
6 tolerances permitted under National Grid's tariff.

7 Marketers serving FT-2 customers also receive an assignment of
8 National Grid's interstate pipeline firm transportation capacity to meet a
9 portion of their customers' gas supply requirements. Marketers serving FT-2
10 customers would use this capacity to arrange and provide for the delivery of
11 gas supplies to National Grid's citygate. FT-2 Marketers are also provided
12 access to a portion of the Company's storage and peaking resources which
13 the Marketer may use to meet the daily gas supply requirements of its
14 customers that is not met by the assigned interstate pipeline firm
15 transportation capacity. The storage and peaking resources are not directly
16 assigned to Marketers, but are managed by the Company.

17 In summary, National Grid secures the interstate pipeline firm
18 transportation capacity, storage, peaking, and gas supply resources
19 necessary to meet the requirements of its retail GCR sales customers, the
20 interstate pipeline firm transportation capacity resources assigned to FT-1
21 and FT-2 Marketers, and the storage and peaking resource requirements of
22 FT-2 customers. These requirements are commonly referred to as National
23 Grid's planning load.

1 **II. PEAK HOUR COSTS**

2 Q. PLEASE SUMMARIZE THE CONCERNS RAISED BY THE DIVISION
3 IN DOCKET NO. 4963 WITH RESPECT TO PEAK HOUR COSTS.

4 A. National Grid is directly served by two interstate pipelines — Tennessee Gas
5 Pipeline (“Tennessee”) and Algonquin Gas Transmission, LLC (“Algonquin”).
6 While the Company’s firm transportation contracts with Tennessee and
7 Algonquin specify maximum daily delivery quantities (“MDQ”), Tennessee and
8 Algonquin may impose hourly flow restrictions under these contracts.
9 Because the design peak hour requirements of the Company’s customers are
10 greater than the limits which may be imposed by Tennessee and/or
11 Algonquin, in Docket No. 4963 the Company proposed to acquire incremental
12 resources to meet the design peak hour requirements of its customers. The
13 Company proposed to recover the costs associated with the incremental
14 resources from only GCR and FT-2 transportation customers. The concern
15 raised by the Division was that the additional resources acquired by the
16 Company would be available to meet the design peak hour demands of all
17 customers and, therefore, benefit all customers served by National Grid
18 including capacity assigned FT-1 and capacity exempt FT-1 customers. The
19 Division found that it would be appropriate for FT-1 customers to contribute to
20 the recovery of the costs associated with the incremental design peak hour
21 resources.

22 Q. DID NATIONAL GRID WORK WITH THE DIVISION TO DEVELOP
23 APPROPRIATE COST ALLOCATION PROCEDURES FOR
24 INCREMENTAL DESIGN PEAK HOUR COSTS?

1 A. Yes. In consultation with the Division, National Grid filed on August 3, 2020 in
2 Docket No. 5040 to recover the incremental fixed costs associated with
3 maintaining design peak hour resources from all customers through its DAC.
4 In its initial DAC filing, the Company estimated these fixed costs to be \$5.2
5 million for the period November 1, 2020 through October 31, 2020, and these
6 fixed costs were removed from the GCR rates initially reflected in the
7 Company's September 1, 2020 GCR filing.

8 Q. DID NATIONAL GRID'S INITIAL AUGUST 3, 2020 DAC FILING IN
9 DOCKET NO. 5040 FULLY RESOLVE THE DIVISION'S CONCERNS
10 REGARDING THE RECOVERY OF INCREMENTAL DESIGN PEAK
11 HOUR COSTS?

A. Not entirely. In the Division's September 23, 2020 memorandum to the Commission addressing National Grid's Annual Gas DAC filing, the Division found the Company's proposal to recover the incremental fixed costs associated with maintaining design peak hour resources to be reasonable, however, two modifications to the Company's proposal were required to fully address the Division's concerns.

The Division's review of National Grid's GCR filing and subsequent discussions with the Company indicated that there were additional fixed costs that would be incurred to address the projected peak hour deficiency that should be included in the DAC. More specifically, it appeared that a share of the Company's Tennessee firm transportation contracts that provide for the delivery of gas from Everett, MA ("Everett FT contracts") to National Grid and the fixed reservation charges associated with the gas supplies to be delivered under the Everett FT contracts would be incurred and are necessary to meet

peak hour requirements. National Grid maintains two Everett FT contracts with a total MDQ of 25,000 Dth per day and the Company has entered into two gas supply arrangements to fill the 25,000 Dth per day of Everett FT contract capacity. One of the gas supply contracts is for 20,000 Dth per day, was entered into several years ago prior to the need for National Grid to address peak hour demands, and expires at the end of the winter of 2021/2022. The other gas supply contract was recently executed. The fixed reservation charges associated with the gas supply contracts are significantly greater than the fixed costs associated with the Everett FT contracts. Under the Company's initial proposal, the fixed costs associated with the Everett FT contracts and gas supply arrangements would be recovered from FT-2 Marketers and sales customers. Absent the need to address the potential peak hour deficiency, a share of the Everett FT contracts and gas supply arrangements would not be required to meet customer requirements. In its DAC September 23, 2020 memorandum, the Division recommended that the calculation of the DAC be revised to reflect the fixed reservation charges associated with the recently executed Everett gas supply arrangement for 5,000 Dth per day. The Division found this appropriate since this arrangement was executed to meet peak hour requirements, and the arrangement would be unnecessary if FT-1 Marketers were not assigned capacity by National Grid. The Division also recommended that the recovery of the fixed demand charges associated with the gas supply arrangement for 20,000 Dth per day should be revisited when the contract expires if the Company executes a replacement arrangement.

The Division also recommended in its September 23, 2020 DAC memorandum that in addition to including the incremental fixed costs associated with the peak hour resources in the DAC, if significant, the incremental variable costs should also be included. For example, if the Company purchases gas supplies under one of the incremental resources acquired to meet the peak hour deficiency with a variable cost of \$40.00 per Dth but the average cost of all other gas supplies purchased on that day were \$4.00 per Dth, the incremental \$36.00 per Dth should also be recovered from all firm customers. Under the Company's current gas cost recovery procedures, the entire \$40.00 purchase would be recovered solely from sales customers and this would be unreasonable because the \$40.00 purchase would have been made to serve all firm customers. Since the incremental variable costs are not known at this time, the Division recommended that the Company report in its 2021 DAC filing the incremental variable costs incurred during the winter of 2020/2021. A determination can then be made whether the costs are significant and whether the actual incremental variable costs should be included in the DAC reconciliation process next year.

1 Q. IN ITS REVISED SEPTEMBER 28, 2020 DAC FILING, DID THE
2 COMPANY INCLUDE THE FIXED GAS SUPPLY RESERVATION
3 CHARGES ASSOCIATED WITH THE EVERETT GAS SUPPLY
4 ARRANGEMENT FOR 5,000 DTH PER DAY?

5 A. Yes. The fixed gas supply reservation charges associated with the Everett
6 gas supply arrangement for 5,000 Dth per day and the fixed demand charges
7 associated with 5,000 Dth per day of Everett FT contract capacity are now
8 reflected in the DAC. As shown on Attachment GSP-1 Revised, page 1 of the

1 revised September 28, 2020 revised GCR filing, hourly peaking fixed costs
2 included in the Company's DAC which have been removed from GCR rates
3 for the period November 1, 2020 through October 31, 2021 total \$8.50 million.

4 Q. HAS THE COMPANY AGREED TO REPORT THE INCREMENTAL
5 VARIABLE COSTS WHICH MAY BE INCURRED TO MEET PEAK
6 HOUR DEMANDS IN ITS 2021 DAC FILING?

7 A. Yes. In the response to Division 3-5, the Company agreed to report the
8 variable costs it incurs to meet peak hour demands.

9 Q. DOES THE COMPANY'S REVISED DAC AND GCR FILINGS
10 RESOLVE THE DIVISION'S CONCERNS EXPRESSED IN DOCKET
11 NO. 4963 CONCERNING THE RECOVERY OF PEAK HOUR
12 COSTS?

13 A. Yes.
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15 III. GAS CUSTOMER CHOICE PROGRAM

16 Q. BRIEFLY EXPLAIN THE COMPANY'S CURRENT CAPACITY
17 ASSIGNMENT PROCEDURES UNDER ITS GAS CUSTOMER
18 CHOICE PROGRAM.

19 A. Currently under the Gas Customer Choice Program, the Company sets aside
20 a portion of its interstate pipeline firm transportation capacity resources for
21 release to Marketers. The resources made available for release are
22 designated as "capacity paths," and a capacity path may consist of a single or
23 multiple interstate pipeline contracts which provide for the delivery of gas
24 supplies to the Company's citygate. Each year, Marketers designate their
25 order of preference for each of the transportation capacity paths identified for
26 release.

1 Releases are executed subject to Marketers' preferences at the actual
2 cost for each capacity path. Marketers are charged directly by the interstate
3 pipelines for the released capacity. The Company assesses a surcharge or
4 provides a credit to Marketers based on the difference between the cost of
5 the pipeline transportation capacity released and the weighted average cost
6 of the Company's firm pipeline transportation capacity portfolio ("WACOD").
7 This surcharge or credit adjustment accounts for not only fixed and variable
8 pipeline charges, but also that each capacity path provides access to different
9 supply sources at different commodity prices and seeks to reconcile any
10 commodity price disparity relative to the Company's portfolio.

11 Q. PLEASE SUMMARIZE THE CONCERNS RAISED BY THE DIVISION
12 IN DOCKET NO. 4963 CONCERNING THE ASSIGNMENT OF
13 CAPACITY UNDER THE COMPANY'S CUSTOMER CHOICE
14 PROGRAM.

15 A. In Docket No. 4963, the Division expressed a concern that the payment of
16 significant fixed gas supply reservation (demand) charges was required in
17 order to obtain firm gas supplies to fill several of the Company's interstate
18 pipeline capacity paths. Marketers typically did not select capacity paths that
19 would require these significant gas supply reservation charges, and the
20 charges were not included in the WACOD charges assessed to Marketers for
21 released capacity. Therefore, these significant gas supply reservation
22 charges were only paid for by retail sales customers. The Division found this
23 unreasonable and recommended that the Commission direct the Company to
24 work with the Division to evaluate the Company's current cost allocation
25 procedures for assigned interstate pipeline firm transportation capacity and

1 reflect modifications to the current approach which addresses the allocation of
2 gas supply reservation charges, and to present those modifications in next
3 year's GCR filing. In Docket No. 4693, the Commission accepted the
4 Division's recommendation.

5 Q. DID NATIONAL GRID WORK WITH THE DIVISION TO ADDRESS
6 THE ALLOCATION OF GAS SUPPLY RESERVATION CHARGES?

7 A. Yes. In consultation with the Division, National Grid filed on September 1,
8 2020 in Docket No. 5067, to modify its existing capacity assignment
9 procedures to assign to Marketers a *pro-rata* share of each of its interstate
10 pipeline firm transportation capacity paths with a MDQ of at least 2,000 Dth.
11 Under this proposal, with the exception subsequently discussed, Marketers
12 would be assigned a *pro-rata* share of the capacity paths requiring the
13 payment of gas supply reservation charges, and the Company would not
14 incur gas supply reservation charges on the released capacity which would
15 subsequently be assessed to retail GCR customers.

16 Q. WHAT IS THE EXCEPTION TO THE *PRO-RATA* ASSIGNMENT OF
17 CAPACITY PATHS REQUIRING THE PAYMENT OF GAS SUPPLY
18 RESERVATION CHARGES AND SHOULD THE COMPANY'S
19 CAPACITY ASSIGNMENT PROPOSAL BE APPROVED?

20 A. Under its initial Customer Choice proposal and as previously discussed,
21 Everett FT contract capacity would not be assigned to Marketers, and the gas
22 supply reservation charges required under the gas supply contracts executed
23 to fill the Everett FT contract capacity would be recovered solely from GCR
24 sales customers and FT-2 customers. As previously indicated, FT-1
25 customers should share in the responsibility for these charges. However, as

1 also previously discussed, the Company has modified its initial proposal to
2 recover peak hour-related costs through the DAC to include the fixed demand
3 charges associated with 5,000 Dth per day of Everett FT capacity and the gas
4 supply reservation charges associated with recently executed Everett gas
5 supply arrangement for 5,000 Dth per day. With this adjustment, the Division
6 finds that the Company's proposed modifications to its Choice Program
7 adequately addresses the Division's concerns expressed in Docket No. 4963
8 regarding gas supply reservation charges.

9 **IV. GAS PROCUREMENT INCENTIVE PLAN AND NATURAL GAS PORTFOLIO**
10 **MANAGEMENT PLAN**

11 Q. BRIEFLY DESCRIBE THE COMPANY'S GPIIP AND NGPMP.

12 A. The GPIIP is a hedging program designed to mitigate the volatility of National
13 Grid's natural gas costs and to encourage the Company to achieve lower-
14 hedged commodity costs for GCR customers. The details of the GPIIP are
15 provided in Attachment JMP-1 of the Company's GCR filing.

16 Under the NGPMP, the Company uses its interstate pipeline firm
17 transportation contracts, underground storage contracts, peaking supplies,
18 and gas supply contracts, when not required to meet GCR customer
19 requirements to generate incremental revenue generally through off-system
20 transactions. The Company is provided an incentive to engage in these
21 activities under the NGPMP. The details of the NGPMP are provided in
22 Attachment JMP-3 of the Company's GCR filing.

23 Q. DID YOU REVIEW THE RESULTS OF THE COMPANY'S GPIIP AND
24 NGPMP?

25 A. Yes.

1 Q. DID YOUR REVIEW IDENTIFY ANY CONCERNS WITHIN THE
2 INCENTIVE AWARDS CALCULATED BY THE COMPANY UNDER
3 EACH PLAN?

4 A. No, it did not.

5 Q. DID NATIONAL GRID WORK WITH THE DIVISION TO DEVELOP
6 DATA EXCHANGE PROTOCOLS FOR THE GPIIP AND NGPMP TO
7 PROVIDE ADDITIONAL TRANSPARENCY AND ALLOW MORE
8 EFFICIENT AUDITING AS DIRECTED BY THE COMMISSION IN
9 DOCKET NO. 4963?

10 A. Yes. With respect to the GPIIP, the Company and the Division were
11 successful in developing data exchange protocols to provide additional
12 transparency and allow more efficient auditing. With respect to the NGPMP,
13 the data requirements are more detailed and complex, and the Company and
14 the Division continue to work on developing data exchange protocols.
15 Therefore, I recommend that the Commission direct the Company to continue
16 to work with the Division to develop data exchange protocols for the NGPMP.

17 Q. DID YOUR REVIEW OF THE COMPANY'S ACTIVITIES UNDER THE
18 GPIIP REVEAL ANY CONCERNS?

19 A. Yes. The purpose of the GPIIP hedging program is to mitigate gas cost
20 volatility. As explained in greater detail in Attachment JMP-1, this is
21 accomplished by requiring the Company to purchase a portion of its gas in
22 approximately uniform monthly increments on a mandatory basis starting 24
23 months prior to the month of delivery (mandatory hedges). However, the
24 Company and the Division may agree to accelerate a portion of the
25 mandatory hedges. The Division's review of National Grid's GPIIP activity

1 indicates that the Company has adopted a policy of accelerating
2 approximately one-third of its mandatory purchases and making those
3 purchases all on one day two years prior to the month of delivery. This is
4 inconsistent with the objective of the GPIP to mitigate gas cost volatility. The
5 mitigation of gas cost volatility is achieved by diversifying the timing of
6 purchases. The Division recommends that the Company further diversify the
7 timing of its accelerated purchases and limit the use of accelerated purchase
8 to a period when current NYMEX prices are lower than average historic
9 prices. For example, if current NYMEX prices are less than the average
10 closing prices for the most recent three- or five-year period.

11 **V. UPDATED COST PROJECTIONS**

12 Q. HOW DID NATIONAL GRID DEVELOP THE GAS SUPPLY
13 COMMODITY COST PROJECTIONS INCLUDED IN ITS GCR
14 FILING?

15 A. The proposed GCR factors are based on the NYMEX forward curves as of
16 the close of trading on August 6, 2020.

17 Q. HAVE NYMEX PRICES CHANGED SINCE AUGUST 6, 2020?

18 A. Yes. NYMEX prices for the November 1, 2020 through October 31, 2020
19 GCR period have increased somewhat since August 6, 2020. Therefore, the
20 Division recommends that the Company update its GCR rate projections in its
21 rebuttal testimony to reflect the most recent projections of gas supply
22 commodity prices if doing so results in a material change in GCR rates (e.g.,
23 5 percent). Updating the Company's GCR rate projections will assist in
24 minimizing potential over/under collections.

25 Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

1 A. Yes, it does.