Raquel J. Webster
Senior Counsel

March 8, 2021

BY ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

RE: Docket 5099 - Proposed FY 2022 Gas Infrastructure, Safety, and Reliability Plan
Second Amended Responses to PUC Data Requests – Set 3

Dear Ms. Massaro:

I have enclosed an electronic version of National Grid's[1] second amended responses to Data Requests PUC 3-21 and PUC 3-22 in the above-referenced matter.

Thank you for your attention to this matter. If you have any questions, please contact me at 781-907-2121.

Very truly yours,

Raquel J. Webster

Enclosures

cc: Docket 5099 Service List
Leo Wold, Esq.
Al Mancini, Division
John Bell, Division
Rod Walker, Division

[1] The Narragansett Electric Company d/b/a National Grid ("National Grid" or "Company").

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PUC 3-21 – Second Amended

Request:

Referring to the Purchase Meter program for each fiscal year from FY 2017 through FY 2020,

(a) Please provide the number of meters (and the associated dollar value) the Company forecasted it would install in each fiscal year in the original budget, compared to the number actually installed in each fiscal year, and
(b) For each fiscal year, please identify the number of meters (and associated actual dollar value) that went to inventory, if any.

Second Amended Response:

Please see the Company's amended response to PUC 3-21. Part (b) has not changed from the previously amended response, with Actual Meter Changes in part (a) being the only change. Actual Meter Changes were inadvertently transposed in the previously amended response, across the fiscal years. The original response for part (a) is correct. The amended response below for part (a) is identical to the original submittal.

a) The attached table outlines the forecasted number of meter changes per year, the actual meter changes, and dollar value of the meters being installed. The dollar value is fully loaded, which includes raw material cost, gas communication modules, meter lab labor, capital overheads, labor burdens, meter refurbishments, sales tax and deliveries.

	FY17	FY18	FY19	FY20
Forecasted Meter Changes (Quantity: Value)	14,000: $3,913,140	14,000: $2,317,280	18,000: $3,718,980	18,000: $3,757,140
Actual Meter Changes (Quantity, Value)	7,931: $2,216,794	14,383: $2,380,674	14,209: $2,938,721	10,369: $2,164,321

b) The attached table outlined the increase in meter inventory for each year, along with the associated dollar value. The dollar value is fully loaded, which includes raw material cost, gas communication modules, meter lab labor, capital overheads, labor burdens, meter refurbishments, sales tax and deliveries.

	FY17	FY18	FY19	FY20
Meter Inventory at Year End (Quantity, Value)	8,733: $2,440,933	8,740: $1,446,595	9,767: $2,018,033	5,588: $1,166,430

Prepared by or under the supervision of: Saadat Khan

PUC 3-21 – First Amended

First Amended Response:

Please see the Company's amended response below. The Company has updated its response to reflect that FY 2020 year-end inventory changed from 9,880 to 5,588, and dollar value changed accordingly. This change in inventory forecast is based on an actual physical count of meters in inventory as of February 18, 2021 and a comparison against meter changes and number of meters ordered in FY 2021 to date. The additional numbers reflected in the charts below were adjusted based on this change. The inventory level shown in the original response was estimated using the Company's IT systems, which were not designed to accommodate historic point-in-time inventory level management.

a) The attached table outlines the forecasted number of meter changes per year, the actual meter changes, and dollar value of the meters being installed. The dollar value is fully loaded, which includes raw material cost, gas communication modules, meter lab labor, capital overheads, labor burdens, meter refurbishments, sales tax and deliveries.

	FY17	FY18	FY19	FY20
Forecasted Meter Changes (Quantity: Value)	14,000: $3,913,140	14,000: $2,317,280	18,000: $3,718,980	18,000: $3,757,140
Actual Meter Changes (Quantity, Value)	10,369: $2,898,239	14,209: $2,351,874	14,383: $2,917,672	7,931: $1,655,438

b) The attached table outlined the increase in meter inventory for each year, along with the associated dollar value. The dollar value is fully loaded, which includes raw material cost, gas communication modules, meter lab labor, capital overheads, labor burdens, meter refurbishments, sales tax and deliveries.

	FY17	FY18	FY19	FY20
Meter Inventory at Year End (Quantity, Value)	8,733: $2,440,933	8,740: $1,446,595	9,767: $2,018,033	5,588: $1,166,430

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PUC 3-21

Original Response:

a) The table below outlines the forecasted number of meter changes per year, the actual meter changes, and dollar value of the meters being installed. The dollar value is fully loaded, which includes raw material cost, gas communication modules, meter lab labor, capital overheads, labor burdens, meter refurbishments, sales tax and deliveries.

	FY17	FY18	FY19	FY20
Forecasted Meter Changes (Quantity: Value)	14,000: $3,913,140	14,000: $2,317,280	18,000: $3,718,980	18,000: $3,757,140
Actual Meter Changes (Quantity, Value)	7,931: $2,216,794	14,383: $2,380,674	14,209: $2,938,721	10,369: $2,164,321

b) The table below outlines the increase in meter inventory for each year, along with the associated dollar value. The dollar value is fully loaded, which includes raw material cost, gas communication modules, meter lab labor, capital overheads, labor burdens, meter refurbishments, sales tax and deliveries.

	FY17	FY18	FY19	FY20
Meter Inventory at Year End (Quantity, Value)	8,733 : $2,440,933	8,740 : $1,446,595	9,767 : $2,018,033	9,880 : $2,062,336

PUC 3-22 – Second Amended

Request:

For FY 2022, please identify the number of meters (and associated actual dollar value) the Company forecasts it will install compared to purchases that will go to inventory, if any.

Amended Response:

Please see the Company's amended response below. Forecasted end-of-year ("EOY") FY 2022 meter inventory, installations and purchases have not changed. Forecasted beginning FY 2022 inventory has changed from 9,880 to 16,438 to align with previous data requests PUC 6-18. The 16,438 meter EOY FY 2021 inventory (also beginning FY 2022 inventory) is the most accurate projection that the Company can provide based on inventory levels as of February 18, 2021.

The Company forecasts that it will install 18,640 meters in FY 2022, which equates to $5.592M in loaded meter dollar value. The Company forecasts that end-of-year FY2022 inventory will be 7,398 meters, which equates to $2.217M loaded meter dollar value. The total dollars are fully loaded, which includes meter cost, gas communication modules, meter lab labor, capital overheads, labor burdens, meter refurbishments, sales tax and deliveries. The ending inventory includes any refurbished meters that are reused in the meter change program.

FY 2022				
	Forecasted Beginning Inventory	Forecasted Purchases	Forecasted Installations	Forecasted Ending Inventory
# Meters	16,438	9,600	18,640	7,398
Dollar Value	$4.931M	$2.880M	$5.592M	$2.217M

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PUC 3-22 – First Amended

First Amended Response:

Please see the Company's amended response below. Forecasted FY 2022 end of year inventory has been updated from 12,245 in the original response to 7,398, and the dollar value has been adjusted accordingly. Similar to the Company's response to PUC 3-21 (Amended), this change in inventory forecast is based on an actual physical count of meters in inventory as of February 18, 2021 and comparing against meter changes and number of meters ordered in FY21 to date. The inventory level shown in the original response was estimated using the Company's IT systems, which were not designed to accommodate historic point-in-time inventory level management.

The Company forecasts that it will install 18,640 meters in FY 2022, which equates to $5.592M in loaded meter dollar value. The Company forecasts that end-of-year FY2022 inventory will be 7,398 meters, which equates to $2.217M loaded meter dollar value. The total dollars are fully loaded, which includes meter cost, gas communication modules, meter lab labor, capital overheads, labor burdens, meter refurbishments, sales tax and deliveries. The ending inventories includes any refurbished meters that are reused in the meter change program.

PUC 3-22

Original Response:

The Company forecasts that it will install 18,640 meters in FY 2022, which equates to $5.592M in loaded meter dollar value. The Company forecasts that at the end of FY2022, inventory will be 12,245, which equates to $3.673M loaded meter dollar value. The total dollars are fully loaded, which includes meter cost, gas communication modules, meter lab labor, capital overheads, labor burdens, meter refurbishments, sales tax and deliveries.

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Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

Joanne M. Scanlon

March 8, 2021
Date

Docket No. 5099- National Grid's FY 2022 Gas Infrastructure, Safety and Reliability (ISR) Plan - Service List 1/7/2021

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