

October 24, 2019

VIA HAND DELIVERY AND ELECTRONIC MAIL

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

RE: Semi-Annual Report on Gas Procurement Incentive Plan

Dear Ms. Massaro:

Pursuant to the provisions of the Gas Procurement Incentive Plan (GPIP) initially approved in Docket No. 3436 at Order No. 17444, enclosed please find 10 copies of National Grid's¹ semi-annual report on the status of the penalties and incentives as of September 30, 2019.

The first page of the report summarizes the savings to customers from the discretionary purchases in the column labeled "Gain/(Loss)." The incentive/penalty impact on National Grid as of September 30, 2019 is found in the last column of the table labeled "Company Incentive." For the 12-month period of April 1, 2019 to March 31, 2020, the report indicates a benefit to customers of \$492,365 from discretionary purchases and a calculated Company incentive of \$45,705. For the April 1, 2020 to March 31, 2021 year, the benefit to customers is \$47,779 and the Company incentive is \$4,778. For the April 1, 2021 to March 31, 2022 measurement year, the benefit to customers is \$2,325 and the Company incentive is \$233.

For each month, the report itemizes the average unit cost for both mandatory and discretionary hedge purchases and the difference between them. The report also shows the amount of discretionary hedges made, the gain or loss on the discretionary hedges, and the calculated Company incentive or penalty. The summary results are derived by adding together the calculated incentive/penalty information from page 2, which reflects the current applicable provisions where discretionary hedges made within four months before the start of the month of flow have a sharing

¹ The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

Luly E. Massaro, Commission Clerk
Semi-Annual Report on Gas Procurement Incentive Plan
October 24, 2019
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of 5 percent; and on page 3, where discretionary hedges made between four and eight months before the start of the month of flow have a sharing of 10 percent; plus the last incentive tier shown on page 4, where discretionary hedges were executed more than eight months before the start of the month of flow and were at least \$0.50 per dekatherm lower in cost.

Page 5 of the report shows the mandatory, accelerated, and discretionary hedge volumes and the total volume hedged as a percentage of the original forecast. The last two columns associated with the hedged volumes section show the average NYMEX hedge price and the total weighted cost. Marcellus region basis hedges are shown for informational purposes only and are not included as part of the GPIIP calculations. The remaining columns summarize the dollar amount of hedges broken out into mandatory, accelerated, and discretionary and the unit cost of each type of hedge under the GPIIP.

Finally, the individual trade data that had previously been provided in the GPIIP quarterly report is shown beginning on page 6.

Thank you for your attention to this matter. If you have any questions, please do not hesitate to contact John Protano at (516) 545-5417 or me at (401) 709-3337.

Very truly yours,



Leticia C. Pimentel

Enclosures

cc: Leo Wold, Esq.
Jonathan Schrag
John Bell
Al Mancini

Gas Procurement Incentive Program Worksheet - Sep 30 2019							
Incentive Calculation							
National Grid - Rhode Island							
TOTAL	Mandatory	Discretionary		Discretionary	Gain/	Aggregate *	Company
	NYMEX	NYMEX	Difference	Volumes (Dt)	(Loss)	Incentive %	Incentive
Apr-19	\$ 2.6991	\$ 2.6703	\$ 0.03	146,000	\$ 4,209	10.00%	\$ 421
May-19	\$ 2.6548	\$ 2.6498	\$ 0.01	202,000	\$ 1,010	10.00%	\$ 101
Jun-19	\$ 2.6799	\$ 2.6654	\$ 0.01	118,000	\$ 1,711	10.00%	\$ 171
Jul-19	\$ 2.7135	\$ 2.6510	\$ 0.06	124,000	\$ 7,756	6.47%	\$ 502
Aug-19	\$ 2.7384	\$ 2.6789	\$ 0.06	151,000	\$ 8,989	7.04%	\$ 633
Sep-19	\$ 2.7201	\$ 2.6518	\$ 0.07	205,000	\$ 14,000	10.00%	\$ 1,400
Oct-19	\$ 2.7489	\$ 2.5668	\$ 0.18	495,000	\$ 90,153	6.68%	\$ 6,023
Nov-19	\$ 2.7862	\$ 2.6070	\$ 0.18	368,000	\$ 65,955	10.00%	\$ 6,595
Dec-19	\$ 2.8856	\$ 2.6968	\$ 0.19	567,000	\$ 107,059	10.00%	\$ 10,706
Jan-20	\$ 2.9710	\$ 2.8010	\$ 0.17	580,000	\$ 98,596	10.00%	\$ 9,860
Feb-20	\$ 2.9077	\$ 2.7800	\$ 0.13	505,000	\$ 64,486	10.00%	\$ 6,449
Mar-20	\$ 2.7968	\$ 2.7136	\$ 0.08	342,000	\$ 28,441	10.00%	\$ 2,844
Subtotal 19-20				3,803,000	492,365		45,705
Apr-20	\$ 2.5277	\$ 2.4382	\$ 0.09	338,000	\$ 30,237	10.00%	\$ 3,024
May-20	\$ 2.4950	\$ 2.4680	\$ 0.03	110,000	\$ 2,966	10.00%	\$ 297
Jun-20	\$ 2.5241	\$ 2.4886	\$ 0.04	79,000	\$ 2,800	10.00%	\$ 280
Jul-20	\$ 2.5469	\$ 2.4968	\$ 0.05	55,000	\$ 2,755	10.00%	\$ 276
Aug-20	\$ 2.5486	\$ 2.4907	\$ 0.06	45,000	\$ 2,608	10.00%	\$ 261
Sep-20	\$ 2.5317	\$ 2.4656	\$ 0.07	40,000	\$ 2,644	10.00%	\$ 264
Oct-20	\$ 2.5531	\$ 2.5228	\$ 0.03	60,000	\$ 1,823	10.00%	\$ 182
Nov-20	\$ 2.6116	\$ 2.6007	\$ 0.01	68,000	\$ 744	10.00%	\$ 74
Dec-20	\$ 2.7665	\$ 2.7644	\$ 0.00	126,000	\$ 258	10.00%	\$ 26
Jan-21	\$ 2.8774	\$ 2.8754	\$ 0.00	134,000	\$ 267	10.00%	\$ 27
Feb-21	\$ 2.8343	\$ 2.8314	\$ 0.00	118,000	\$ 343	10.00%	\$ 34
Mar-21	\$ 2.7170	\$ 2.7139	\$ 0.00	107,000	\$ 334	10.00%	\$ 33
Subtotal 20-21				1,280,000	47,779		4,778
Apr-21	\$ 2.4706	\$ 2.4578	0.01	50,000	639	10.00%	64
May-21	\$ 2.4168	\$ 2.39	0.03	40,000	1,035	10.00%	104
Jun-21	\$ 2.4531	\$ 2.44	0.02	35,000	568	10.00%	57
Jul-21	\$ 2.4508	\$ 2.45	0.00	20,000	71	10.00%	7
Aug-21	\$ 2.4079	\$ 2.41	0.00	15,000	13	10.00%	1
Sep-21	\$ 2.3840	\$ 2.38	-	10,000	-	0.00%	-
Oct-21	\$ -	\$ -	-	-	-	0.00%	-
Nov-21	\$ -	\$ -	-	-	-	0.00%	-
Dec-21	\$ -	\$ -	-	-	-	0.00%	-
Jan-22	\$ -	\$ -	-	-	-	0.00%	-
Feb-22	\$ -	\$ -	-	-	-	0.00%	-
Mar-22	\$ -	\$ -	-	-	-	0.00%	-
Subtotal 21-22				170,000	2,325		233
TOTAL				5,253,000	542,470		50,715

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Deals executed within four months of the Supply Month - 5% Incentive Level													5%	
4 months or less to	VOLUME (Dth)			PURCHASE (USD)			Average Price (\$/Dth)			Margin	Incentive	Incentive		
	Mandatory	Accelerated	Discretionary	Mandatory	Accelerated	Discretionary	Mandatory	Accelerated	Discretionary	(\$/Dth)	(USD)	%		
Apr-19	615,000	780,000	-	\$ 1,659,939	\$ 2,093,520	\$ -	\$ 2.6991	\$ 2.6840	\$ -	\$ -	\$ -	0%		
May-19	690,000	620,000	-	\$ 1,831,780	\$ 1,670,900	\$ -	\$ 2.6548	\$ 2.6950	\$ -	\$ -	\$ -	0%		
Jun-19	525,000	440,000	-	\$ 1,406,965	\$ 1,194,160	\$ -	\$ 2.6799	\$ 2.7140	\$ -	\$ -	\$ -	0%		
Jul-19	435,000	350,000	50,000	\$ 1,180,385	\$ 944,300	\$ 130,200	\$ 2.7135	\$ 2.6980	\$ 2.6040	\$ 0.1095	\$ 274	5%		
Aug-19	425,000	360,000	50,000	\$ 1,163,830	\$ 988,200	\$ 131,600	\$ 2.7384	\$ 2.7450	\$ 2.6320	\$ 0.1064	\$ 266	5%		
Sep-19	610,000	400,000	-	\$ 1,659,260	\$ 1,105,200	\$ -	\$ 2.7201	\$ 2.7630	\$ -	\$ -	\$ -	0%		
Oct-19	810,000	560,000	150,000	\$ 2,226,625	\$ 1,555,680	\$ 352,500	\$ 2.7489	\$ 2.7780	\$ 2.3500	\$ 0.3989	\$ 2,992	5%		
Nov-19	1,105,000	750,000	-	\$ 3,078,785	\$ 2,143,125	\$ -	\$ 2.7862	\$ 2.8575	\$ -	\$ -	\$ -	0%		
Dec-19	1,647,000	1,100,000	-	\$ 4,752,646	\$ 3,201,000	\$ -	\$ 2.8856	\$ 2.9100	\$ -	\$ -	\$ -	0%		
Jan-20	1,767,000	1,260,000	-	\$ 5,249,753	\$ 3,778,740	\$ -	\$ 2.9710	\$ 2.9990	\$ -	\$ -	\$ -	0%		
Feb-20	1,670,000	1,220,000	-	\$ 4,855,800	\$ 3,672,200	\$ -	\$ 2.9077	\$ 3.0100	\$ -	\$ -	\$ -	0%		
Mar-20	1,250,000	1,020,000	-	\$ 3,495,985	\$ 2,970,750	\$ -	\$ 2.7968	\$ 2.9125	\$ -	\$ -	\$ -	0%		
Apr-20	695,000	660,000	-	\$ 1,756,720	\$ 1,740,900	\$ -	\$ 2.5277	\$ 2.6377	\$ -	\$ -	\$ -	0%		
May-20	540,000	680,000	-	\$ 1,347,280	\$ 1,744,200	\$ -	\$ 2.4950	\$ 2.5650	\$ -	\$ -	\$ -	0%		
Jun-20	340,000	530,000	-	\$ 858,190	\$ 1,356,270	\$ -	\$ 2.5241	\$ 2.5590	\$ -	\$ -	\$ -	0%		
Jul-20	350,000	420,000	-	\$ 891,420	\$ 1,082,340	\$ -	\$ 2.5469	\$ 2.5770	\$ -	\$ -	\$ -	0%		
Aug-20	360,000	360,000	-	\$ 917,500	\$ 918,720	\$ -	\$ 2.5486	\$ 2.5520	\$ -	\$ -	\$ -	0%		
Sep-20	390,000	510,000	-	\$ 987,370	\$ 1,287,750	\$ -	\$ 2.5317	\$ 2.5250	\$ -	\$ -	\$ -	0%		
Oct-20	510,000	580,000	-	\$ 1,302,100	\$ 1,499,300	\$ -	\$ 2.5531	\$ 2.5850	\$ -	\$ -	\$ -	0%		
Nov-20	560,000	900,000	-	\$ 1,462,500	\$ 2,385,900	\$ -	\$ 2.6116	\$ 2.6510	\$ -	\$ -	\$ -	0%		
Dec-20	780,000	1,270,000	-	\$ 2,157,840	\$ 3,558,540	\$ -	\$ 2.7665	\$ 2.8020	\$ -	\$ -	\$ -	0%		
Jan-21	770,000	1,450,000	-	\$ 2,215,600	\$ 4,171,650	\$ -	\$ 2.8774	\$ 2.8770	\$ -	\$ -	\$ -	0%		
Feb-21	650,000	1,290,000	-	\$ 1,842,310	\$ 3,686,820	\$ -	\$ 2.8343	\$ 2.8580	\$ -	\$ -	\$ -	0%		
Mar-21	480,000	1,110,000	-	\$ 1,304,160	\$ 3,050,280	\$ -	\$ 2.7170	\$ 2.7480	\$ -	\$ -	\$ -	0%		
Apr-21	260,000	700,000	-	\$ 642,350	\$ 1,772,400	\$ -	\$ 2.4706	\$ 2.5320	\$ -	\$ -	\$ -	0%		
May-21	200,000	650,000	-	\$ 483,350	\$ 1,603,550	\$ -	\$ 2.4168	\$ 2.4670	\$ -	\$ -	\$ -	0%		
Jun-21	110,000	460,000	-	\$ 269,840	\$ 1,153,680	\$ -	\$ 2.4531	\$ 2.5080	\$ -	\$ -	\$ -	0%		
Jul-21	90,000	450,000	-	\$ 220,570	\$ 1,115,550	\$ -	\$ 2.4508	\$ 2.4790	\$ -	\$ -	\$ -	0%		
Aug-21	70,000	440,000	-	\$ 168,550	\$ 1,061,720	\$ -	\$ 2.4079	\$ 2.4130	\$ -	\$ -	\$ -	0%		
Sep-21	60,000	540,000	-	\$ 143,040	\$ 1,287,360	\$ -	\$ 2.3840	\$ 2.3840	\$ -	\$ -	\$ -	0%		
Oct-21	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Nov-21	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Dec-21	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Jan-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Feb-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Mar-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Apr-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
May-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Jun-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Jul-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Aug-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Sep-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Oct-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Nov-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Dec-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		

Deals executed within eight months of the Supply Month - 10% Incentive Level													10%	
5 to 8 months													Incentive	
VOLUME (Dth)			PURCHASE (USD)			Average Price (\$/Dth)			Margin		Incentive			
Mandatory	Accelerated	Discretionary	Mandatory	Accelerated	Discretionary	Mandatory	Accelerated	Discretionary	(\$/Dth)	(USD)	(USD)	%		
Apr-19	615,000	780,000	15,000	\$ 1,659,939	\$ 2,093,520	\$ 39,650	\$ 2.6991	\$ 2.6840	\$ 2.6433	\$ 0.0558	\$ 84	10%		
May-19	690,000	620,000	10,000	\$ 1,831,780	\$ 1,670,900	\$ 25,650	\$ 2.6548	\$ 2.6950	\$ 2.5650	\$ 0.0898	\$ 90	10%		
Jun-19	525,000	440,000	-	\$ 1,406,965	\$ 1,194,160	\$ -	\$ 2.6799	\$ 2.7140	\$ -	\$ -	\$ -	0%		
Jul-19	435,000	350,000	10,000	\$ 1,180,385	\$ 944,300	\$ 26,800	\$ 2.7135	\$ 2.6980	\$ 2.6800	\$ 0.0335	\$ 34	10%		
Aug-19	425,000	360,000	10,000	\$ 1,163,830	\$ 988,200	\$ 26,700	\$ 2.7384	\$ 2.7450	\$ 2.6700	\$ 0.0684	\$ 68	10%		
Sep-19	610,000	400,000	110,000	\$ 1,659,260	\$ 1,105,200	\$ 289,300	\$ 2.7201	\$ 2.7630	\$ 2.6300	\$ 0.0901	\$ 991	10%		
Oct-19	810,000	560,000	200,000	\$ 2,226,625	\$ 1,555,680	\$ 527,100	\$ 2.7489	\$ 2.7780	\$ 2.6355	\$ 0.1134	\$ 2,268	10%		
Nov-19	1,105,000	750,000	270,000	\$ 3,078,785	\$ 2,143,125	\$ 688,020	\$ 2.7862	\$ 2.8575	\$ 2.5482	\$ 0.2380	\$ 6,426	10%		
Dec-19	1,647,000	1,100,000	400,000	\$ 4,752,646	\$ 3,201,000	\$ 1,044,600	\$ 2.8856	\$ 2.9100	\$ 2.6115	\$ 0.2741	\$ 10,966	10%		
Jan-20	1,767,000	1,260,000	390,000	\$ 5,249,753	\$ 3,778,740	\$ 1,051,980	\$ 2.9710	\$ 2.9990	\$ 2.6974	\$ 0.2736	\$ 10,671	10%		
Feb-20	1,670,000	1,220,000	325,000	\$ 4,855,800	\$ 3,672,200	\$ 869,145	\$ 2.9077	\$ 3.0100	\$ 2.6743	\$ 0.2334	\$ 7,585	10%		
Mar-20	1,250,000	1,020,000	100,000	\$ 3,495,985	\$ 2,970,750	\$ 256,210	\$ 2.7968	\$ 2.9125	\$ 2.5621	\$ 0.2347	\$ 2,347	10%		
Apr-20	695,000	660,000	50,000	\$ 1,756,720	\$ 1,740,900	\$ 116,040	\$ 2.5277	\$ 2.6377	\$ 2.3208	\$ 0.2069	\$ 1,034	10%		
May-20	540,000	680,000	5,000	\$ 1,347,280	\$ 1,744,200	\$ 11,625	\$ 2.4950	\$ 2.5650	\$ 2.3250	\$ 0.1700	\$ 85	10%		
Jun-20	340,000	530,000	-	\$ 858,190	\$ 1,356,270	\$ -	\$ 2.5241	\$ 2.5590	\$ -	\$ -	\$ -	0%		
Jul-20	350,000	420,000	-	\$ 891,420	\$ 1,082,340	\$ -	\$ 2.5469	\$ 2.5770	\$ -	\$ -	\$ -	0%		
Aug-20	360,000	360,000	-	\$ 917,500	\$ 918,720	\$ -	\$ 2.5486	\$ 2.5520	\$ -	\$ -	\$ -	0%		
Sep-20	390,000	510,000	-	\$ 987,370	\$ 1,287,750	\$ -	\$ 2.5317	\$ 2.5250	\$ -	\$ -	\$ -	0%		
Oct-20	510,000	580,000	-	\$ 1,302,100	\$ 1,499,300	\$ -	\$ 2.5531	\$ 2.5850	\$ -	\$ -	\$ -	0%		
Nov-20	560,000	900,000	-	\$ 1,462,500	\$ 2,385,900	\$ -	\$ 2.6116	\$ 2.6510	\$ -	\$ -	\$ -	0%		
Dec-20	780,000	1,270,000	-	\$ 2,157,840	\$ 3,558,540	\$ -	\$ 2.7665	\$ 2.8020	\$ -	\$ -	\$ -	0%		
Jan-21	770,000	1,450,000	-	\$ 2,215,600	\$ 4,171,650	\$ -	\$ 2.8774	\$ 2.8770	\$ -	\$ -	\$ -	0%		
Feb-21	650,000	1,290,000	-	\$ 1,842,310	\$ 3,686,820	\$ -	\$ 2.8343	\$ 2.8580	\$ -	\$ -	\$ -	0%		
Mar-21	480,000	1,110,000	-	\$ 1,304,160	\$ 3,050,280	\$ -	\$ 2.7170	\$ 2.7480	\$ -	\$ -	\$ -	0%		
Apr-21	260,000	700,000	-	\$ 642,350	\$ 1,772,400	\$ -	\$ 2.4706	\$ 2.5320	\$ -	\$ -	\$ -	0%		
May-21	200,000	650,000	-	\$ 483,350	\$ 1,603,550	\$ -	\$ 2.4168	\$ 2.4670	\$ -	\$ -	\$ -	0%		
Jun-21	110,000	460,000	-	\$ 269,840	\$ 1,153,680	\$ -	\$ 2.4531	\$ 2.5080	\$ -	\$ -	\$ -	0%		
Jul-21	90,000	450,000	-	\$ 220,570	\$ 1,115,550	\$ -	\$ 2.4508	\$ 2.4790	\$ -	\$ -	\$ -	0%		
Aug-21	70,000	440,000	-	\$ 168,550	\$ 1,061,720	\$ -	\$ 2.4079	\$ 2.4130	\$ -	\$ -	\$ -	0%		
Sep-21	60,000	540,000	-	\$ 143,040	\$ 1,287,360	\$ -	\$ 2.3840	\$ 2.3840	\$ -	\$ -	\$ -	0%		
Oct-21	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Nov-21	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Dec-21	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Jan-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Feb-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Mar-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Apr-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
May-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Jun-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Jul-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Aug-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Sep-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Oct-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Nov-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		
Dec-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%		

Deals executed more than eight months prior to the Supply Month - Upto 20% Incentive Level												
8 month prior	VOLUME (Dth)			PURCHASE (USD)			Average Price (\$/Dth)			Margin	20% Incentive	Incentive
	Mandatory	Accelerated	Discretionary	Mandatory	Accelerated	Discretionary	Mandatory	Accelerated	Discretionary	(\$/Dth)	(USD)	%
Apr-19	615,000	780,000	131,000	\$ 1,659,939	\$ 2,093,520	\$ 350,208	\$ 2.6991	\$ 2.6840	\$ 2.6733	\$ 0.0257	\$ 337	10%
May-19	690,000	620,000	192,000	\$ 1,831,780	\$ 1,670,900	\$ 509,600	\$ 2.6548	\$ 2.6950	\$ 2.6542	\$ 0.0006	\$ 11	10%
Jun-19	525,000	440,000	118,000	\$ 1,406,965	\$ 1,194,160	\$ 314,521	\$ 2.6799	\$ 2.7140	\$ 2.6654	\$ 0.0145	\$ 171	10%
Jul-19	435,000	350,000	64,000	\$ 1,180,385	\$ 944,300	\$ 171,722	\$ 2.7135	\$ 2.6980	\$ 2.6832	\$ 0.0304	\$ 194	10%
Aug-19	425,000	360,000	91,000	\$ 1,163,830	\$ 988,200	\$ 246,213	\$ 2.7384	\$ 2.7450	\$ 2.7056	\$ 0.0328	\$ 298	10%
Sep-19	610,000	400,000	95,000	\$ 1,659,260	\$ 1,105,200	\$ 254,320	\$ 2.7201	\$ 2.7630	\$ 2.6771	\$ 0.0430	\$ 409	10%
Oct-19	810,000	560,000	145,000	\$ 2,226,625	\$ 1,555,680	\$ 390,963	\$ 2.7489	\$ 2.7780	\$ 2.6963	\$ 0.0526	\$ 763	10%
Nov-19	1,105,000	750,000	98,000	\$ 3,078,785	\$ 2,143,125	\$ 271,358	\$ 2.7862	\$ 2.8575	\$ 2.7690	\$ 0.0173	\$ 169	10%
Dec-19	1,647,000	1,100,000	167,000	\$ 4,752,646	\$ 3,201,000	\$ 484,498	\$ 2.8856	\$ 2.9100	\$ 2.9012	\$ (0.0155)	\$ (260)	10%
Jan-20	1,767,000	1,260,000	190,000	\$ 5,249,753	\$ 3,778,740	\$ 572,603	\$ 2.9710	\$ 2.9990	\$ 3.0137	\$ (0.0427)	\$ (811)	10%
Feb-20	1,670,000	1,220,000	180,000	\$ 4,855,800	\$ 3,672,200	\$ 534,740	\$ 2.9077	\$ 3.0100	\$ 2.9708	\$ (0.0631)	\$ (1,136)	10%
Mar-20	1,250,000	1,020,000	242,000	\$ 3,495,985	\$ 2,970,750	\$ 671,850	\$ 2.7968	\$ 2.9125	\$ 2.7762	\$ 0.0205	\$ 497	10%
Apr-20	695,000	660,000	288,000	\$ 1,756,720	\$ 1,740,900	\$ 708,070	\$ 2.5277	\$ 2.6377	\$ 2.4586	\$ 0.0691	\$ 1,989	10%
May-20	540,000	680,000	105,000	\$ 1,347,280	\$ 1,744,200	\$ 259,855	\$ 2.4950	\$ 2.5650	\$ 2.4748	\$ 0.0202	\$ 212	10%
Jun-20	340,000	530,000	79,000	\$ 858,190	\$ 1,356,270	\$ 196,603	\$ 2.5241	\$ 2.5590	\$ 2.4886	\$ 0.0354	\$ 280	10%
Jul-20	350,000	420,000	55,000	\$ 891,420	\$ 1,082,340	\$ 137,325	\$ 2.5469	\$ 2.5770	\$ 2.4968	\$ 0.0501	\$ 276	10%
Aug-20	360,000	360,000	45,000	\$ 917,500	\$ 918,720	\$ 112,080	\$ 2.5486	\$ 2.5520	\$ 2.4907	\$ 0.0579	\$ 261	10%
Sep-20	390,000	510,000	40,000	\$ 987,370	\$ 1,287,750	\$ 98,625	\$ 2.5317	\$ 2.5250	\$ 2.4656	\$ 0.0661	\$ 264	10%
Oct-20	510,000	580,000	60,000	\$ 1,302,100	\$ 1,499,300	\$ 151,365	\$ 2.5531	\$ 2.5850	\$ 2.5228	\$ 0.0304	\$ 182	10%
Nov-20	560,000	900,000	68,000	\$ 1,462,500	\$ 2,385,900	\$ 176,845	\$ 2.6116	\$ 2.6510	\$ 2.6007	\$ 0.0109	\$ 74	10%
Dec-20	780,000	1,270,000	126,000	\$ 2,157,840	\$ 3,558,540	\$ 348,316	\$ 2.7665	\$ 2.8020	\$ 2.7644	\$ 0.0020	\$ 26	10%
Jan-21	770,000	1,450,000	134,000	\$ 2,215,600	\$ 4,171,650	\$ 385,305	\$ 2.8774	\$ 2.8770	\$ 2.8754	\$ 0.0020	\$ 27	10%
Feb-21	650,000	1,290,000	118,000	\$ 1,842,310	\$ 3,686,820	\$ 334,107	\$ 2.8343	\$ 2.8580	\$ 2.8314	\$ 0.0029	\$ 34	10%
Mar-21	480,000	1,110,000	107,000	\$ 1,304,160	\$ 3,050,280	\$ 290,385	\$ 2.7170	\$ 2.7480	\$ 2.7139	\$ 0.0031	\$ 33	10%
Apr-21	260,000	700,000	50,000	\$ 642,350	\$ 1,772,400	\$ 122,890	\$ 2.4706	\$ 2.5320	\$ 2.4578	\$ 0.0128	\$ 64	10%
May-21	200,000	650,000	40,000	\$ 483,350	\$ 1,603,550	\$ 95,635	\$ 2.4168	\$ 2.4670	\$ 2.3909	\$ 0.0259	\$ 104	10%
Jun-21	110,000	460,000	35,000	\$ 269,840	\$ 1,153,680	\$ 85,290	\$ 2.4531	\$ 2.5080	\$ 2.4369	\$ 0.0162	\$ 57	10%
Jul-21	90,000	450,000	20,000	\$ 220,570	\$ 1,115,550	\$ 48,945	\$ 2.4508	\$ 2.4790	\$ 2.4473	\$ 0.0035	\$ 7	10%
Aug-21	70,000	440,000	15,000	\$ 168,550	\$ 1,061,720	\$ 36,105	\$ 2.4079	\$ 2.4130	\$ 2.4070	\$ 0.0009	\$ 1	10%
Sep-21	60,000	540,000	10,000	\$ 143,040	\$ 1,287,360	\$ 23,840	\$ 2.3840	\$ 2.3840	\$ 2.3840	\$ -	\$ -	0%
Oct-21	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Nov-21	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Dec-21	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Jan-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Feb-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Mar-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Apr-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
May-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Jun-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Jul-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Aug-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Sep-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Oct-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Nov-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Dec-22	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%

Summary of Gas Procurement Incentive Program - Locked Volumes Ending Sep 30 2019

National Grid - Rhode Island

		Volume *	HEDGED VOLUME (Dth)					Monthly		Percentage	Average		PURCHASE (USD)				Average Price (\$/Dth)			
			Forecast (Dth)	Mandatory	Accelerated	Discretionary	Basis Hedge	*Locked*	*Locked*		Hedge Price	Total Cost	Mandatory	Accelerated	Discretionary	Basis Hedge (Mth)	Mandatory	Accelerated	Discretionary	Basis Hedge (MM / Dth)
201904	4/1/2019	2,330,554	615,000	780,000	146,000	680,000	1,541,000	66%	\$ 2,6887	\$ 4,143,317	\$ 1,659,939	\$ 2,093,520	\$ 389,858	\$ 40,800	\$ 2,6991	\$ 2,6840	\$ 2,6703	\$ 0,0600		
201905	5/1/2019	1,780,231	690,000	620,000	202,000	880,000	1,512,000	86%	\$ 2,6706	\$ 4,037,930	\$ 1,831,780	\$ 1,670,900	\$ 535,250	\$ (66,040)	\$ 2,6548	\$ 2,6950	\$ 2,6498	\$ (0,0750)		
201906	6/1/2019	1,248,601	525,000	440,000	118,000	710,000	1,083,000	87%	\$ 2,6922	\$ 2,915,646	\$ 1,406,965	\$ 1,194,160	\$ 314,521	\$ (60,850)	\$ 2,6799	\$ 2,7140	\$ 2,6654	\$ (0,0857)		
201907	7/1/2019	1,115,891	435,000	350,000	124,000	620,000	909,000	81%	\$ 2,6990	\$ 2,453,407	\$ 1,180,385	\$ 944,300	\$ 328,722	\$ 6,230	\$ 2,7135	\$ 2,6980	\$ 2,6510	\$ 0,0100		
201908	8/1/2019	1,121,086	425,000	360,000	151,000	620,000	936,000	83%	\$ 2,7313	\$ 2,556,543	\$ 1,163,830	\$ 988,200	\$ 404,513	\$ 28,580	\$ 2,7384	\$ 2,7450	\$ 2,6789	\$ 0,0461		
201909	9/1/2019	1,441,892	610,000	400,000	205,000	570,000	1,215,000	84%	\$ 2,7227	\$ 3,308,080	\$ 1,659,260	\$ 1,105,200	\$ 543,620	\$ (170,200)	\$ 2,7201	\$ 2,7630	\$ 2,6518	\$ (0,2986)		
201910	10/1/2019	2,274,996	810,000	560,000	495,000	800,000	1,865,000	82%	\$ 2,7093	\$ 5,052,868	\$ 2,226,625	\$ 1,555,680	\$ 1,270,563	\$ (561,500)	\$ 2,7489	\$ 2,7780	\$ 2,5668	\$ (0,7019)		
201911	11/1/2019	2,654,082	1,105,000	750,000	368,000	960,000	2,223,000	84%	\$ 2,7806	\$ 6,181,288	\$ 3,078,785	\$ 2,143,125	\$ 959,378	\$ (249,780)	\$ 2,7862	\$ 2,8575	\$ 2,6070	\$ (0,2602)		
201912	12/1/2019	3,919,789	1,647,000	1,100,000	567,000	1,000,000	3,314,000	85%	\$ 2,8614	\$ 9,482,744	\$ 4,752,646	\$ 3,201,000	\$ 1,529,098	\$ (31,325)	\$ 2,8856	\$ 2,9100	\$ 2,6968	\$ (0,0313)		
202001	1/1/2020	4,336,646	1,767,000	1,260,000	580,000	1,040,000	3,607,000	83%	\$ 2,9534	\$ 10,653,076	\$ 5,249,753	\$ 3,778,740	\$ 1,624,583	\$ 44,525	\$ 2,9710	\$ 2,9990	\$ 2,8010	\$ 0,0428		
202002	2/1/2020	4,121,434	1,670,000	1,220,000	505,000	850,000	3,395,000	82%	\$ 2,9254	\$ 9,931,885	\$ 4,855,600	\$ 3,672,200	\$ 1,403,865	\$ 42,575	\$ 2,9077	\$ 3,0100	\$ 2,7800	\$ 0,0501		
202003	3/1/2020	3,342,373	1,250,000	1,020,000	342,000	640,000	2,612,000	78%	\$ 2,8311	\$ 7,394,795	\$ 3,495,985	\$ 2,970,750	\$ 928,060	\$ 29,320	\$ 2,7968	\$ 2,9125	\$ 2,7136	\$ 0,0458		
202004	4/1/2020	2,389,681	695,000	660,000	338,000	-	1,693,000	71%	\$ 2,5527	\$ 4,321,730	\$ 1,756,720	\$ 1,740,900	\$ 824,110	\$ -	\$ 2,5277	\$ 2,6377	\$ 2,4382	\$ -		
202005	5/1/2020	1,835,102	540,000	680,000	110,000	-	1,330,000	72%	\$ 2,5285	\$ 3,362,960	\$ 1,347,280	\$ 1,744,200	\$ 271,480	\$ -	\$ 2,4950	\$ 2,5650	\$ 2,4680	\$ -		
202006	6/1/2020	1,323,296	340,000	530,000	79,000	-	949,000	72%	\$ 2,5406	\$ 2,411,063	\$ 858,190	\$ 1,356,270	\$ 196,603	\$ -	\$ 2,5241	\$ 2,5590	\$ 2,4866	\$ -		
202007	7/1/2020	1,242,323	350,000	420,000	55,000	-	825,000	66%	\$ 2,5589	\$ 2,111,085	\$ 891,420	\$ 1,082,340	\$ 137,325	\$ -	\$ 2,5469	\$ 2,5770	\$ 2,4968	\$ -		
202008	8/1/2020	1,213,950	360,000	360,000	45,000	-	765,000	63%	\$ 2,5468	\$ 1,948,300	\$ 917,500	\$ 918,720	\$ 112,080	\$ -	\$ 2,5486	\$ 2,5520	\$ 2,4907	\$ -		
202009	9/1/2020	1,542,401	390,000	510,000	40,000	-	940,000	61%	\$ 2,5253	\$ 2,373,745	\$ 987,370	\$ 1,287,750	\$ 98,625	\$ -	\$ 2,5317	\$ 2,5250	\$ 2,4656	\$ -		
202010	10/1/2020	2,352,457	510,000	580,000	60,000	-	1,150,000	49%	\$ 2,5676	\$ 2,952,765	\$ 1,302,100	\$ 1,499,300	\$ 151,365	\$ -	\$ 2,5531	\$ 2,5850	\$ 2,5228	\$ -		
202011	11/1/2020	2,699,456	560,000	900,000	68,000	-	1,528,000	57%	\$ 2,6343	\$ 4,025,345	\$ 1,462,500	\$ 2,385,900	\$ 176,845	\$ -	\$ 2,6116	\$ 2,6510	\$ 2,6007	\$ -		
202012	12/1/2020	3,972,946	780,000	1,270,000	126,000	-	2,176,000	55%	\$ 2,7871	\$ 6,064,696	\$ 2,157,840	\$ 3,558,540	\$ 348,316	\$ -	\$ 2,7665	\$ 2,8020	\$ 2,7644	\$ -		
202101	1/1/2021	4,360,029	770,000	1,450,000	134,000	-	2,354,000	54%	\$ 2,8770	\$ 6,772,555	\$ 2,215,600	\$ 4,171,650	\$ 385,305	\$ -	\$ 2,8774	\$ 2,8770	\$ 2,8754	\$ -		
202102	2/1/2021	4,034,867	650,000	1,290,000	118,000	-	2,058,000	51%	\$ 2,8490	\$ 5,863,237	\$ 1,842,310	\$ 3,686,820	\$ 334,107	\$ -	\$ 2,8343	\$ 2,8580	\$ 2,8314	\$ -		
202103	3/1/2021	3,395,978	480,000	1,110,000	107,000	-	1,697,000	50%	\$ 2,7371	\$ 4,644,825	\$ 1,304,160	\$ 3,050,280	\$ 290,385	\$ -	\$ 2,7170	\$ 2,7480	\$ 2,7139	\$ -		
202104	4/1/2021	2,457,453	260,000	700,000	50,000	-	1,010,000	41%	\$ 2,5125	\$ 2,537,640	\$ 642,350	\$ 1,772,400	\$ 122,890	\$ -	\$ 2,4706	\$ 2,5320	\$ 2,4578	\$ -		
202105	5/1/2021	1,926,609	200,000	650,000	40,000	-	890,000	46%	\$ 2,4523	\$ 2,182,535	\$ 483,350	\$ 1,603,550	\$ 95,635	\$ -	\$ 2,4168	\$ 2,4670	\$ 2,3909	\$ -		
202106	6/1/2021	1,382,982	110,000	460,000	35,000	-	605,000	44%	\$ 2,4939	\$ 1,508,810	\$ 269,840	\$ 1,153,680	\$ 85,290	\$ -	\$ 2,4531	\$ 2,5080	\$ 2,4369	\$ -		
202107	7/1/2021	1,333,367	90,000	450,000	20,000	-	560,000	42%	\$ 2,4733	\$ 1,385,065	\$ 220,570	\$ 1,115,550	\$ 48,945	\$ -	\$ 2,4508	\$ 2,4790	\$ 2,4473	\$ -		
202108	8/1/2021	1,302,490	70,000	440,000	15,000	-	525,000	40%	\$ 2,4121	\$ 1,266,375	\$ 168,550	\$ 1,061,720	\$ 36,105	\$ -	\$ 2,4079	\$ 2,4130	\$ 2,4070	\$ -		
202109	9/1/2021	1,617,247	60,000	540,000	10,000	-	610,000	38%	\$ 2,3840	\$ 1,454,240	\$ 143,040	\$ 1,287,360	\$ 23,840	\$ -	\$ 2,3840	\$ 2,3840	\$ 2,3840	\$ -		
202110	10/1/2021	2,380,685	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202111	11/1/2021	2,685,778	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202112	12/1/2021	3,991,815	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202201	1/1/2022	4,345,912	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202202	2/1/2022	4,051,261	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202203	3/1/2022	3,422,406	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202204	4/1/2022	2,464,828	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202205	5/1/2022	1,971,486	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202206	6/1/2022	1,478,991	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202207	7/1/2022	1,491,677	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202208	8/1/2022	1,348,266	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202209	9/1/2022	1,667,154	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
202210	10/1/2022	2,327,822	-	-	-	-	-	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Settled																				

