280 Melrose Street Providence, RI 02907 Phone 401-784-7263



August 1, 2022

VIA ELECTRONIC MAIL

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

RE: Docket No. 4676 – The Narragansett Electric Company d/b/a Rhode Island Energy Annual Forward Capacity Market (FCM) Performance Report

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (the "Company"), enclosed please find the Company's Annual Forward Capacity Market ("FCM") Performance Report regarding solar photovoltaic distributed generation ("Solar DG") facilities from its Distributed Generation Standard Contracts ("DGSC") and its Renewable Energy Growth ("RE Growth") programs within the ISO New England Inc. ("ISO-NE") FCM Capacity Commitment Period ("CCP") 12.

Thank you for your attention to this filing. If you have any questions or concerns, please do not hesitate to contact me at 401-784-4263.

Sincerely,

Cone & m

Andrew S. Marcaccio

Enclosures

cc: Docket 4676 Service List Jon Hagopian, Esq. John Bell, Division

The Narragansett Electric Company d/b/a Rhode Island Energy Forward Capacity Market Annual Performance Report Capacity Commitment Period 12: Submitted August 1, 2022

I. Introduction

This is the annual performance report (Annual Performance Report) of The Narragansett Electric Company d/b/a Rhode Island Energy (the Company) to the Rhode Island Public Utilities Commission (Commission) regarding solar photovoltaic distributed generation (solar DG) facilities from its DG Standard Contracts (DGSC) and its Renewable Energy Growth (REG) programs within the ISO New England Inc. (ISO-NE) Forward Capacity Market (FCM) Capacity Commitment Period (CCP) 12. As directed by the Commission,¹ in reporting on its overall performance of the program for the prior year, the Company is including, among other things, monthly production from the facilities and the performance of facilities during a Capacity Scarcity Condition (CSC). Specifically, the Company is providing the following results regarding performance of these DG facilities in the FCM:

- 1. Net FCM Proceeds (approximately \$194,692);
- 2. Incremental Administrative Costs (\$63,827); and
- 3. Company Incentive (\$19,462) and Customer Share of Net FCM Proceeds (\$119,396).

This Annual Performance Report addresses solar DG performance from June 1, 2021 through May 31, 2022, which aligns with CCP 12.

II. Calculation of Net FCM Proceeds

a. Introduction

Revenue for CCP 12 reflects: (1) base revenue from capacity monetized in the Monthly Reconfiguration Auctions (MRAs); and (2) Pay-for-Performance revenue during CSCs. Below are details on these two revenue streams during CCP 12. We then present projections for the Company's FCM proceeds for CCP 13.

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A bench decision by the Commission at a hearing on February 17, 2017 in Docket No. 4676, as confirmed by PUC Order 23289 issued October 4, 2018, requires the Company to file: (1) an annual report every March containing its FCM auction results; and (2) an annual report every July detailing the performance of the Company facilities in the FCM. In the annual report, "the Company shall provide an annual report which will analyze the overall performance of the program for the prior year and shall include the monthly production from the facilities and the performance of the facilities in the event of a capacity shortage period. The Company shall include an assessment of how the facilities performed compared to expectations. The Company is encouraged to provide an explanation of any significant deviations, particularly in areas of underperformance." Docket No. 4676, PUC Order 23289, at 15.

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b. Monthly Base Revenue

The Company has previously qualified and cleared Capacity Supply Obligations (CSOs) for two sets of solar DG resources through Forward Capacity Auction (FCA)-12² and FCA-13.³ As explained in the previously filed Annual Performance Reports for RIPUC 4676, because these assets have successfully cleared an FCA and are commercially operational, the Company was able to monetize this capacity prior to CCP 12 and CCP 13 through participation in the MRAs. ⁴This Annual Performance Report represents the first capacity commitment period in which the resources were delivering on CSOs obtained in a primary auction. It reflects monthly base revenue earned for these assets through both the FCA as well as via additional activities in the MRAs for June through September 2021. The primary auction for commitment period 12 cleared at \$4.631 / kW-month.

Table 1, below, summarizes the MRA clearing prices for the June through September 2021 and the Company's cumulative CSOs across its qualified solar DG assets.

Month	CSO (MW)	MRA Clearing Price (\$/kW-month)
June 2021	14.730	\$1.250
July 2021	15.136	\$1.400
August 2021	14.766	\$2.003
September 2021	11.763	\$1.850

Table 1: Summary of FCA and MRA Results -- June 2021 through September 2021

Note: CSO values above reflect the cumulative CSO undertaken by the Company, aggregated across each of its qualified and eligible solar DG resources in Rhode Island and includes both CSOs from the FCA and MRA. CSOs for individual resources are provided in Table 2, below.

² FCA-12 covers the time period for Capacity Commitment Period 12 (CCP 12), which extends from June 1, 2021 to May 31, 2022.

³ FCA-13 covers the time period for Capacity Commitment Period 13 (CCP 13), which extends from June 1, 2022 to May 31, 2023.

⁴ Prior to bidding in a FCA, a project must submit documentation to ISO-NE in both the Show of Interest and Qualification filings, which are due in April and June, respectively. The FCA then occurs in February of the following calendar year and is for delivery of capacity three years in the future. Once a facility has qualified for the FCA, the first opportunity to monetize capacity following qualification is in the June Reconfiguration Auctions of the following calendar year. The Company's Solar DG assets participate as summer only resources, and are qualified to take on a CSO for the months of June through September only.

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Table 2, below, summarizes the total FCM capacity base monthly revenue earned by the Company for each resource in CCP 12. Capacity base monthly revenue for each resource is calculated by multiplying the CSO by the average FCA and/or MRA price received and multiplying by 1,000 (in order to convert from \$/kW to \$/MW).

		Jun	e 2021	Jul	y 2021	Augu	st 2021	Septen	1ber 2021	Total
Resource ID	Program	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacit y Base Paymen t (\$)	CSO (MW)	Capacity Base Payment (\$)	Capacity Base Revenue (\$)
38833	DGSC	0.150	\$958	0.163	\$965	0.186	\$971	0.121	857.92	\$3,752
38834	DGSC	0.881	\$4,273	0.938	\$4,344	0.938	\$4,344	0.712	\$3,926	\$16,886
38842	DGSC	1.536	\$7,164	1.551	\$7,183	1.482	\$7,043	1.055	\$6,265	\$27,654
38843	DGSC	0.980	\$4,538	0.980	\$4,538	0.980	\$4,538	0.742	\$4,098	\$17,713
38853	DGSC	0.232	\$1,074	0.232	\$1,074	0.232	\$1,074	0.185	\$987	\$4,211
38855	DGSC	0.133	\$714	0.162	\$750	0.162	\$750	0.162	\$750	\$2,965
38858	DGSC	0.508	\$2,701	0.611	\$2,830	0.523	\$2,651	0.396	\$2,432	\$10,613
38860	DGSC	0.210	\$973	0.210	\$973	0.210	\$973	0.175	\$908	\$3,825
38861	DGSC	0.107	\$583	0.127	\$608	0.089	\$527	0.064	\$488	\$2,206
38862	DGSC	0.203	\$977	0.171	\$931	0.159	\$879	0.152	\$876	\$3,664
38864	DGSC	0.132	\$611	0.132	\$611	0.130	\$607	0.092	\$537	\$2,367
38865	DGSC	0.440	\$2,075	0.451	\$2,089	0.451	\$2,089	0.385	\$1,966	\$8,218
38867	DGSC	0.103	\$660	0.083	\$623	0.111	\$634	0.076	\$577	\$2,494
38868	DGSC	0.474	\$2,259	0.493	\$2,283	0.454	\$2,204	0.365	\$2,046	\$8,793
38869	DGSC	0.216	\$1,024	0.223	\$1,033	0.223	\$1,033	0.174	\$942	\$4,031
38881	DGSC	0.199	\$979	0.216	\$1,000	0.210	\$988	0.167	\$910	\$3,877
38883	DGSC	0.493	\$2,283	0.493	\$2,283	0.493	\$2,283	0.414	\$2,137	\$8,986
38884	DGSC	0.416	\$2,238	0.457	\$2,281	0.376	\$2,085	0.287	\$1,944	\$8,547
38885	DGSC	0.474	\$2,195	0.454	\$2,167	0.474	\$2,195	0.349	\$1,964	\$8,521
38925	RE Growth	0.088	\$110	0.089	\$125	0.089	\$181	0.061	\$113	\$528
38949	RE Growth	0.096	\$475	0.105	\$486	0.103	\$482	0.078	\$436	\$1,880
38950	RE Growth	0.094	\$476	0.106	\$491	0.100	\$479	0.071	\$426	\$1,872
40632	DGSC	0.393	\$491	0.393	\$550	0.393	\$798	0.314	\$581	\$2,420
40640	RE Growth	0.082	\$103	0.082	\$115	0.077	\$156	0.060	\$111	\$485

Table 2: FCM Capacity Base Revenue Earned for CCP 12

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		Jun	e 2021	July	y 2021	Augu	st 2021	Septen	nber 2021	Total
Resource ID	Program	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacit y Base Paymen t (\$)	CSO (MW)	Capacity Base Payment (\$)	Capacity Base Revenue (\$)
	RE		(*)		(+)		- (+)			
40641	Growth	0.130	\$163	0.130	\$182	0.128	\$260	0.091	\$168	\$773
10.610	RE	0.101	†10 (0.1.01	\$1.41	0.101	*2 0 5	0.070	6144	ф. с 1 П
40642	Growth	0.101	\$126	0.101	\$141	0.101	\$205	0.078	\$144	\$617
40644	RE Growth	0.074	\$93	0.080	\$112	0.058	\$118	0.044	\$81	\$404
40044	RE	0.074	\$93	0.080	\$112	0.038	\$110	0.044	\$01	\$404
40647	Growth	0.108	\$135	0.108	\$151	0.108	\$219	0.101	\$187	\$692
	RE		4				+		4 -01	+ • • •
40654	Growth	0.170	\$213	0.180	\$252	0.169	\$343	0.169	\$313	\$1,120
	RE									
40655	Growth	0.306	\$383	0.306	\$428	0.306	\$621	0.219	\$405	\$1,837
10656	RE Courth	1 092	¢1 254	1 0 9 2	¢1 516	1 092	\$2 109	0.950	¢1.500	¢6.659
40656	Growth RE	1.083	\$1,354	1.083	\$1,516	1.083	\$2,198	0.859	\$1,589	\$6,658
40657	Growth									\$0
10057	RE									ψυ
40659	Growth	0.377	\$471	0.377	\$528	0.377	\$765	0.298	\$551	\$2,316
	RE									
40660	Growth									\$0
10.001	RE									* •
40661	Growth RE									\$0
40662	KE Growth									\$0
40002	RE									30
40663	Growth									\$0
	RE									
40665	Growth									\$0
	RE									
40667	Growth	0.352	\$440	0.389	\$545	0.343	\$696	0.246	\$455	\$2,136
40669	RE Growth									\$0
40009	RE									\$0
40671	Growth									\$0
100/1	RE									ψŪ
40672	Growth									\$0
	RE									
40673	Growth									\$0
40.67.1	RE									* *
40674	Growth									\$0
40675	RE Growth	0.100	\$125	0.100	\$140	0.100	\$203	0.078	\$144	\$612
40073	Glowin	0.100	\$123	0.100	\$140	0.100	\$203	0.078	\$144	\$012

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		Jun	e 2021	Jul	y 2021	Augu	st 2021	Septen	nber 2021	Total
Resource ID	Program	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacit y Base Paymen t (\$)	CSO (MW)	Capacity Base Payment (\$)	Capacity Base Revenue (\$)
	RE		***		.				.	* - * *
40676	Growth	0.078	\$98	0.078	\$109	0.078	\$158	0.078	\$144	\$509
40677	RE Growth									\$0
40077	RE									\$ U
40679	Growth									\$0
	RE									
40680	Growth									\$0
40.001	RE	0.004	#2 0	0.004	\$2.4	0.024	¢ 10	0.004	.	61.5
40681	Growth RE	0.024	\$30	0.024	\$34	0.024	\$49	0.024	\$44	\$157
40682	RE Growth									\$0
40002	RE									\$ 0
40684	Growth	0.096	\$120	0.096	\$134	0.096	\$195	0.084	\$155	\$605
	RE									
40694	Growth									\$0
40(05	RE	0.110	¢120	0 1 1 0	ф1 <i>5</i> 4	0.110	\$222	0.002	¢170	
40695	Growth RE	0.110	\$138	0.110	\$154	0.110	\$223	0.093	\$172	\$687
40696	Growth	0.106	\$133	0.106	\$148	0.106	\$215	0.088	\$163	\$659
	RE		+		+		+			4007
40697	Growth									\$0
	RE									
40701	Growth									\$0
40702	RE Growth									\$0
40702	RE									\$ 0
40718	Growth	0.110	\$138	0.110	\$154	0.110	\$223	0.094	\$174	\$689
	RE									
40744	Growth	0.371	\$464	0.381	\$533	0.369	\$749	0.314	\$581	\$2,327
40008	RE Courth	0.420	¢505	0.420	¢500	0.420	\$952	0.400	\$740	\$2.706
40998	Growth RE	0.420	\$525	0.420	\$588	0.420	\$853	0.400	\$740	\$2,706
41000	Growth	0.089	\$111	0.094	\$132	0.094	\$191	0.094	\$174	\$608
	RE	0.000		0.09 .	<i><i><i></i></i></i>	0.03	<i><i><i>ψ</i>₁, <i>1</i></i></i>	0.07 .	<i>Q</i> 171	0000
41026	Growth	0.000	\$0	0.000	\$0	0.000	\$0	0.000	\$0	\$0
	RE		A -							
41031	Growth	0.000	\$0	0.000	\$0	0.000	\$0	0.000	\$0	\$0
41033	RE Growth	0.112	\$140	0.112	\$157	0.112	\$227	0.112	\$207	\$731
-1033	RE	0.112	φ1 4 0	0.112	\$1 <i>3</i> 7	0.112	φ221	0.112	\$207	\$751
41034	Growth	0.113	\$141	0.113	\$158	0.113	\$229	0.091	\$168	\$697

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			June 2021		July 2021		August 2021		September 2021	
Resource ID	Program	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacit y Base Paymen t (\$)	CSO (MW)	Capacity Base Payment (\$)	Capacity Base Revenue (\$)
	RE									
41039	Growth	0.115	\$144	0.115	\$161	0.115	\$233	0.114	\$211	\$749
	RE									
41042	Growth	0.910	\$1,138	0.953	\$1,334	0.953	\$1,935	0.689	\$1,275	\$5,681
	RE									
41304	Growth	0.635	\$794	0.648	\$907	0.648	\$1,315	0.648	\$1,199	\$4,215
Average Pr month)	ice (\$/kW-	14.730	\$47,547	15.136	\$49,032	14.766	\$52,388	11.763	\$45,725	\$194,692
Total				\$3	.239	\$3	.548	\$3	.887	

c. Pay-For-Performance Revenue during CSC Events

In addition to revenue received through the FCA and MRAs, the solar DG resources participating in the FCM were eligible to receive revenue through Pay-For-Performance (PFP) if a CSC occurred. Under the current ISO-NE market rules, all resources that obtain a CSO in the FCM are eligible for pay-for-performance and are awarded payment/penalty based on their performance during a CSC event, relative to their balancing-ratio adjusted CSO.⁵ Resources that do not have an active CSO in the FCM during a CSC event, but that are commercially operational and registered as assets in the Energy Market, are also eligible for PFP payments if they export energy to the grid during a CSC event.

During CCP 11 (<u>i.e.</u>, June 1, 2021 through May 31, 2022) there were no CSC events and therefore no PFP revenue. Thus, there was \$0.00 of incremental revenue earned from PFP.

d. Forecast of Net FCM Proceeds for CCP 13 (June 1, 2022 to May 31, 2023)

Table 3 below provides a forecast of the revenue for the period of June 1, 2022 to May 31, 2023.⁶ Not all solar facilities obtain a CSO every month. For instance, if a facility appears to be underperforming relative to its qualified capacity or displaying evidence of sustained outages, the Company may choose to forego acquiring a CSO for that resource in a given month in order to appropriately manage risk. Some

⁵ The balancing ratio is equal to the bulk-system load during a CSC event divided by the total capacity supply obligation for all FCM resources in ISO-NE. For instance, if load was 20 GW and the total cleared CSO across the FCM was 30 GW, the balancing ratio during that particular event would be 0.667. During CSC events, resources with a CSO are awarded a performance payment if their metered energy generation in real-time is in excess of the balancing ratio multiplied their CSO.

⁶ The solar facilities are qualified as summer-only Intermittent Settlement Only Resources and can only obtain a Capacity Supply Obligation in the summer performance months of June – September.

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projects have an obligation from the primary auction, FCA13, while others only had the option to obtain a CSO in the monthly reconfiguration auctions, leading to several different prices. The average price is listed in Table 3 for reference.

		Jun	e 2022	Jul	y 2022	Augi	ıst 2022	Septen	nber 2022	
Resource ID	Program	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	Total Revenue
38833	DGSC	0.136	\$606	0.163	\$619	0.157	\$616	0.163	\$619	\$2,461
38834	DGSC	0.855	\$3,249	0.855	\$3,249	0.855	\$3,249	0.855	\$3,249	\$12,996
38842	DGSC	1.267	\$4,815	1.267	\$4,815	1.019	\$4,691	1.267	\$4,815	\$19,134
38843	DGSC	0.768	\$2,918	0.768	\$2,918	0.768	\$2,918	0.768	\$2,918	\$11,674
38853	DGSC	0.195	\$741	0.195	\$741	0.195	\$741	0.195	\$741	\$2,964
38855	DGSC	0.000	\$0	0.000	\$0	0.000	\$0	0.000	\$0	\$0
38858	DGSC	0.497	\$1,889	0.497	\$1,889	0.497	\$1,889	0.497	\$1,889	\$7,554
38860	DGSC	0.182	\$692	0.182	\$692	0.182	\$692	0.182	\$692	\$2,766
38861	DGSC	0.115	\$437	0.115	\$437	0.093	\$426	0.115	\$437	\$1,737
38862	DGSC	0.183	\$695	0.137	\$668	0.157	\$682	0.137	\$677	\$2,723
38864	DGSC	0.102	\$391	0.097	\$388	0.080	\$380	0.097	\$389	\$1,548
38865	DGSC	0.409	\$1,554	0.409	\$1,554	0.409	\$1,554	0.409	\$1,554	\$6,217
38867	DGSC	0.107	\$476	0.074	\$454	0.128	\$486	0.074	\$465	\$1,881
38868	DGSC	0.440	\$1,672	0.440	\$1,672	0.420	\$1,662	0.440	\$1,672	\$6,678
38869	DGSC	0.194	\$737	0.194	\$737	0.194	\$737	0.194	\$737	\$2,949
38881	DGSC	0.197	\$749	0.197	\$749	0.194	\$747	0.197	\$749	\$2,993
38883	DGSC	0.427	\$1,623	0.427	\$1,623	0.427	\$1,623	0.427	\$1,623	\$6,490
38884	DGSC	0.416	\$1,673	0.398	\$1,660	0.354	\$1,642	0.398	\$1,669	\$6,644
38885	DGSC	0.432	\$1,642	0.321	\$1,575	0.399	\$1,625	0.321	\$1,597	\$6,439
38925	RE Growth	0.000	\$0	0.000	\$0	0.000	\$0	0.000	\$0	\$0
38949	RE Growth	0.000	\$0	0.000	\$0	0.000	\$0	0.000	\$0	\$0
38950	RE Growth	0.000	\$0	0.000	\$0	0.000	\$0	0.000	\$0	\$0
40632	DGSC	0.373	\$2,008	0.409	\$2,012	0.380	\$2,012	0.409	\$2,040	\$8,072
40640	RE Growth	0.000	\$0	0.000	\$0	0.000	\$0	0.000	\$0	\$0
40641	RE Growth	0.144	\$593	0.133	\$585	0.117	\$580	0.133	\$590	\$2,349
40642	RE Growth	0.102	\$421	0.094	\$415	0.093	\$416	0.094	\$418	\$1,670
40644	RE Growth	0.080	\$380	0.081	\$378	0.067	\$373	0.081	\$383	\$1,514
40647	RE Growth	0.117	\$445	0.113	\$442	0.113	\$443	0.113	\$443	\$1,772
40654	RE Growth	0.163	\$831	0.174	\$831	0.148	\$823	0.174	\$841	\$3,326
40655	RE Growth	0.283	\$1,547	0.291	\$1,538	0.276	\$1,544	0.291	\$1,565	\$6,194
40656	RE Growth	1.125	\$4,466	1.078	\$4,432	1.028	\$4,418	1.078	\$4,453	\$17,770

Table 3: Forecasted FCM Capacity Base Revenue for CCP 13

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		Jun	e 2022	Jul	v 2022	Aug	ıst 2022	Septer	nber 2022	
Resource ID	Program	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	Total Revenue
40657	RE Growth									\$0
40659	RE Growth	0.318	\$1,403	0.356	\$1,420	0.325	\$1,407	0.356	\$1,424	\$5,654
40660	RE Growth									\$0
40661	RE Growth									\$0
40662	RE Growth									\$0
40663	RE Growth									\$0
40665	RE Growth									\$0
40667	RE Growth	0.454	\$1,758	0.441	\$1,749	0.405	\$1,734	0.441	\$1,754	\$6,995
40669	RE Growth									\$0
40671	RE Growth									\$0
40672	RE Growth									\$0
40673	RE Growth									\$0
40674	RE Growth									\$0
40675	RE Growth	0.100	\$380	0.100	\$380	0.094	\$377	0.100	\$380	\$1,517
40676	RE Growth	0.100	\$380	0.100	\$380	0.100	\$380	0.100	\$380	\$1,520
40677	RE Growth									\$0
40679	RE Growth									\$0
40680	RE Growth									\$0
40681	RE Growth	0.000	\$0	0.000	\$0	0.000	\$0	0.000	\$0	\$0
40682	RE Growth									\$0
40684	RE Growth	0.000	\$0	0.000	\$0	0.000	\$0	0.000	\$0	\$0
40694	RE Growth									\$0
40695	RE Growth	0.112	\$426	0.112	\$426	0.109	\$424	0.112	\$426	\$1,701
40696	RE Growth	0.112	\$426	0.111	\$425	0.099	\$419	0.111	\$425	\$1,695
40697	RE Growth									\$0
40701	RE Growth									\$0
40702	RE Growth									\$0
40718	RE Growth	0.114	\$437	0.103	\$430	0.102	\$431	0.103	\$432	\$1,729
40744	RE Growth	0.386	\$1,487	0.354	\$1,467	0.372	\$1,480	0.354	\$1,474	\$5,907
40998	RE Growth									\$0
41000	RE Growth									\$0
41026	RE Growth									\$0
41031	RE Growth									\$0
41033	RE Growth									\$0
41034	RE Growth									\$0
41039	RE Growth									\$0
41042	RE Growth									\$0

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		June 2022		July 2022		August 2022		September 2022		
Resource ID	Program	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	CSO (MW)	Capacity Base Payment (\$)	Total Revenue
41304	RE Growth									\$0
Total		11.005	\$43,944	10.786	\$43,748	10.356	\$43,620	10.786	\$43,921	\$175,233
Average Price	(\$/kW-month)	\$3	3,993	\$4	1,056	\$ 4	1,212	\$ 4	1,072	

Note: The MRAs for June, July, and August, 2022 have already occurred and the forecast of Net FCM Proceeds is based on the weighted average FCA and MRA results, which include both the FCA and MRA clearing price and the CSOs (MW values) obtained by each resource for each month.

The above represents monthly FCM Capacity Base Payments (which is the CSO MW multiplied by the FCA and MRA clearing prices). Additionally, all capacity resources are eligible to earn performance payments or penalties under the FCM Pay-For-Performance rule,⁷ which is determined by the solar facility's performance during a CSC, if any occur during the relevant CCP.⁸

III. Incremental Administrative Costs

The administrative costs reported in Table 4, below, cover FCM activities between June 1, 2021 and May 31, 2022. These costs were incurred because an external contractor was hired to assist with FCA qualification tasks, and internal costs involved the preparation of qualification materials as well as the ongoing monitoring of facilities and portfolio management activities.

Table 4: Incremental Administrative Costs (June 1, 2021 to May 31, 2022)

Category	DG Standard Contract Program	REG Program	Total	
Internal Labor	\$408	\$408	\$816	

⁷ The Pay for Performance rule went into effect on June 1, 2018. For a detailed description of ISO-NE's implementation of the new rules, please refer to ISO-NE's compliance filing on the rule change, "ISO New England Inc., Docket Nos. ER14-2419-002, EL14-52-000; 30-Day Compliance Filing to Revise Tariff section III.13.7," at https://www.iso-ne.com/static-assets/documents/2014/11/er14-2419-002_11-3-14_two-settlement_market_compliance_filing.pdf.

⁸ Solar DG resources with a CSO can only earn penalties if a CSC occurs during the summer performance months of June to September in which they have a CSO. In all other months, the solar DG resources are eligible to earn Performance Incentive payments if a CSC occurs coincident with solar production, but cannot earn penalties, as the resources do not have a CSO in those months.

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Internal Overhead	\$25,236	\$24,489	\$49,725
External Contractor Services	\$6,643	\$6,643	\$13,286
Total Incremental Labor Resource	622 297	¢21 540	\$(2 97
Expense	\$32,287	\$31,540	\$63,827

IV. Company Incentive and Customer Share of Net FCM Proceeds

The Company is allowed to retain 10% of Net FCM Proceeds from the solar DG portfolio, with customers receiving the remaining Net FCM Proceeds, after the administrative costs are deducted. As shown in Table 5, customers will receive net proceeds from CCP 12.

Table 5: Customer Share of Net FCM Proceeds (June 1, 2021 to May 31, 2022)

Category	Proceeds
Net FCM Proceeds	\$194,692
10% Company Incentive	\$19,469
90% Customer Share of FCM Proceeds	\$175,223
Administrative Costs	\$63,827
Net Benefits to Customers (90% Customer Share minus Administrative Costs)	\$111,396

V. Conclusion

This concludes the Company's Annual Performance Report. If you have questions, please contact the Company for more information.

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

<u>August 1, 2022</u> Date

Docket No. 4676 National Grid – Forward Capacity Market Proposal Service List updated 8/1/22

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