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Also admitted in Massachusetts

January 29, 2024

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 23-44-REG 2024 Renewable Energy Growth Program

Tariff and Rule Changes

Responses to PUC Data Requests – Set 2

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy ("Rhode Island Energy" or the "Company"), I have enclosed the Company's responses to the Public Utilities Commission's Second Set of Data Requests in the above-referenced docket. Please note that Attachment PUC 2-1 is provided in Excel format.

Thank you for your attention to this matter. If you have any questions, please contact me at (401) 709-3337.

Very truly yours,

Leticia C. Pimentel

Laticia Pimentel

Enclosure

cc: Docket 23-44-REG Service List

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate were 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.

Heidi J. Seddon

<u>January 29, 2024</u>

Docket No. 23-44-REG – Renewable Energy Growth Program for Year 2024 The Narragansett Electric Company & RI Distributed Generation Board Service List updated 1/17/2024

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In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

PUC 2-1

Request:

Please provide a table showing the original targets and revised targets for each of the previous Renewable Energy Growth Program years to date. Please include the amount enrolled in each class. Please include a column showing the cancellations for each year in each class. Please include totals where appropriate. Please <u>also</u> provide an excel spreadsheet with the same information for the years 2016-2023.

Response:

Please reference the tables provided in the Company's response to Data Request PUC 2-4. The original targets are shown in the second column of each table, titled "Annual Enrollment Target (MW)." The fourth column of each table shows "Remaining Annual Enrollment Target (MW)," with negative MW values indicating Renewable Energy Classes where additional MW were allocated and awarded, above the original targets.

The amount enrolled in each class can be seen in the third column, titled "Awarded Projects (MW)." The cancellations for each year and in each class can be seen in the sixth column, titled "Cancelled Projects (MW)."

Please reference Attachment PUC 2-1 for the requested information in an Excel spreadsheet.

In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

Attachment PUC 2-1

Please see the Excel Worksheet of Attachment PUC 2-1

In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

PUC 2-2

Request:

What is the estimated total incremental, itemized cost of the RE Growth Program, that will be charged to customers through the RE Growth Factor (this is the annual update and should follow the same format and assumptions used previously)?

Response:

Please see Attachment PUC 2-2 for the requested information.

		Year 1 Y/E 3/31/2016 (a)	Year 2 Y/E 3/31/2017 (b)	Year 3 Y/E 3/31/2018 (c)	Year 4 Y/E 3/31/2019 (d)
(1) YEAR 1 BUILD	PBI Payments	\$25.37	8 \$938,601	\$5,089,744	\$5,356,131
(2) YEAR 1 BUILD	Market Value	\$25,57		\$950,427	\$595,272
(3) YEAR 1 BUILD	Net Cost	\$25,37	8 \$908,266	\$4,139,317	\$4,760,859
(4) YEAR 2 BUILD	PBI Payments	\$	0 \$411,612	\$3,248,092	\$3,311,895
(5) YEAR 2 BUILD	Market Value	\$		\$156,022	\$368,096
(6) YEAR 2 BUILD	Net Cost	\$	0 \$411,612	\$3,092,070	\$2,943,799
(7) YEAR 3 BUILD	PBI Payments	\$		\$0	\$2,873,920
(8) YEAR 3 BUILD	Market Value	\$		\$0	\$319,424
(9) YEAR 3 BUILD	Net Cost	\$	0 \$0	\$0	\$2,554,496
(10) YEAR 4 BUILD	PBI Payments	\$		\$0	\$1,412,157
(11) YEAR 4 BUILD (12) YEAR 4 BUILD	Market Value Net Cost	\$ \$		\$0 \$0	\$156,977 \$1,255,180
(12) TEAR 4 BOILD	Net Cost		J 30	30	31,233,160
(13) YEAR 5 BUILD (14) YEAR 5 BUILD	PBI Payments Market Value	\$ \$		\$0 \$0	\$0 \$0
(15) YEAR 5 BUILD	Net Cost	\$		\$0	\$0 \$0
. ,					
(16) YEAR 6 BUILD	PBI Payments	\$		\$0	\$0
(17) YEAR 6 BUILD (18) YEAR 6 BUILD	Market Value Net Cost	\$ \$		\$0 \$0	\$0 \$0
(19) YEAR 7 BUILD	PBI Payments	\$		\$0	\$0
(20) YEAR 7 BUILD	Market Value	\$		\$0	\$0
(21) YEAR 7 BUILD	Net Cost	\$	0 \$0	\$0	\$0
(22) YEAR 8 BUILD	PBI Payments	\$		\$0	\$0
(23) YEAR 8 BUILD	Market Value	\$		\$0	\$0
(24) YEAR 8 BUILD	Net Cost	\$	0 \$0	\$0	\$0
(25) YEAR 9 BUILD	PBI Payments	\$		\$0	\$0
(26) YEAR 9 BUILD	Market Value	\$		\$0	\$0
(27) YEAR 9 BUILD	Net Cost	\$	0 \$0	\$0	\$0
(28) YEAR 10 BUILD	PBI Payments	\$	0 \$0	\$0	\$0
(29) YEAR 10 BUILD	Market Value	\$		\$0	\$0
(30) YEAR 10 BUILD	Net Cost	\$	0 \$0	\$0	\$0
(31) YEAR 11 BUILD	PBI Payments	\$	0 \$0	\$0	\$0
(32) YEAR 11 BUILD	Market Value	\$		\$0	\$0
(33) YEAR 11 BUILD	Net Cost	\$	0 \$0	\$0	\$0
(34) YEAR 12 BUILD	PBI Payments	\$		\$0	\$0
(35) YEAR 12 BUILD	Market Value	S		\$0	\$0
(36) YEAR 12 BUILD	Net Cost	\$	0 \$0	\$0	\$0
(37) YEAR 13 BUILD	PBI Payments	\$		\$0	\$0
(38) YEAR 13 BUILD	Market Value	S		\$0	\$0
(39) YEAR 13 BUILD	Net Cost	\$	0 \$0	\$0	\$0
(40) YEAR 14 BUILD	PBI Payments	\$	0 \$0	\$0	\$0
(41) YEAR 14 BUILD	Market Value	\$		\$0	\$0
(42) YEAR 14 BUILD	Net Cost	\$	0 \$0	\$0	\$0
(43) YEAR 15 BUILD	PBI Payments	\$	0 \$0	\$0	\$0
(44) YEAR 15 BUILD	Market Value	S		\$0	\$0
(45) YEAR 15 BUILD	Net Cost	\$	0 \$0	\$0	\$0
(46) TOTAL	PBI Payments	\$25,37	8 \$1,350,213	\$8,337,836	\$12,954,104
(47) TOTAL	Market Value	\$		\$1,106,449	\$1,439,769
(48) TOTAL	Net Cost	\$25,37	8 \$1,319,878	\$7,231,387	\$11,514,335
(49) Admin/Metering Costs		\$913,77	1 \$938,320	\$922,788	\$1,188,972
(50) Estimated Remuneration		\$44	4 \$23,629	\$145,912	\$226,697
(51) Total Estimated RE Growth P	rogram Expense	\$939,59	3 \$2,281,826	\$8,300,087	\$12,930,003
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Column	and	Line	Notes

Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3, Line (16)
Column (b):	Actual Yr 2 costs per Docket 4707 Schedule ASC-3, Page 3, Line (22)
Column (c):	Actual Yr 3 costs per Docket 4847 Schedule NG-3 Revised, Page 3, Line (25)
Column (d):	Actual Yr 4 costs per Docket 4954 Schedule NG-3, Page 3, Line (23)
Column (e):	Actual Yr 5 costs per Docket 5039 Schedule NG-3 Compliance, Page 1, Line (2)(c)
Column (f)	Actual Yr 6 costs as per Docket No. 5164, Schedule NG-3, Page 3, Column (c)
Column (g)	Actual Yr 7 costs as per Docket No. 22-04-REG, Schedule NECO-3 Page 3, Column (c)
Column (h)	Actual Yr 8 costs as per Docket No. 23-24-REG, Schedule NECO-3 Page 3, Column (c)
Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule NECO-2 Page 1, Line (1)(a)
Lines (1) through (45) and (50) Columns (j) through (al):	Estimates based on estimated build in each year pages 11 through 25
Line (49) Columns (i) through (al):	Estimates based on change in net cost in each year
Line (50)	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On and after April 1, 2023: \$0
Line (51)	Line (48) + Line (49) + Line (50)
Column (am):	Sum of Columns (a) through (al)

		Year 5 Y/E 3/31/2020	Year 6 Y/E 3/31/2021	Year 7 Y/E 3/31/2022	Year 8 Y/E 3/31/2023
		(e)	(f)	(g)	(h)
(1) YEAR 1 BUILD	PBI Payments	\$6,130,416	\$4,912,803	\$5,248,998	\$5.112.684
(2) YEAR 1 BUILD	Market Value	\$1,192,443	\$1,314,145	\$1,935,233	\$2,072,212
(3) YEAR 1 BUILD	Net Cost	\$4,937,973	\$3,598,658	\$3,313,764	\$3,040,472
(4) YEAR 2 BUILD	PBI Payments	\$3,859,892	\$3,263,268	\$3,485,021	\$3,421,741
(5) YEAR 2 BUILD (6) YEAR 2 BUILD	Market Value Net Cost	\$750,798 \$3,109,094	\$872,904 \$2,390,364	\$1,284,879 \$2,200,141	\$1,386,859 \$2,034,882
**					
(7) YEAR 3 BUILD	PBI Payments	\$6,130,416	\$6,268,844	\$6,198,291	\$5,722,803
(8) YEAR 3 BUILD	Market Value	\$1,192,443	\$1,676,878	\$2,285,225	\$2,319,498
(9) YEAR 3 BUILD	Net Cost	\$4,937,973	\$4,591,967	\$3,913,066	\$3,403,305
(10) YEAR 4 BUILD	PBI Payments	\$4,995,154	\$5,214,734	\$4,836,410	\$4,564,756
(11) YEAR 4 BUILD	Market Value	\$971,621	\$1,394,910	\$1,783,118	\$1,850,132
(12) YEAR 4 BUILD	Net Cost	\$4,023,534	\$3,819,825	\$3,053,292	\$2,714,624
(13) YEAR 5 BUILD	PBI Payments	\$1,589,367	\$5,794,481	\$4,313,090	\$5,547,099
(14) YEAR 5 BUILD	Market Value	\$309,152	\$1,549,988	\$1,590,177	\$2,248,283
(15) YEAR 5 BUILD	Net Cost	\$1,280,215	\$4,244,492	\$2,722,913	\$3,298,816
(16) YEAR 6 BUILD	PBI Payments	\$0	\$1,362,440	\$3,602,617	\$4,687,564
(17) YEAR 6 BUILD	Market Value	\$0	\$364,445	\$1,328,235	\$1,899,907
(18) YEAR 6 BUILD	Net Cost	\$0	\$997,996	\$2,274,381	\$2,787,657
(19) YEAR 7 BUILD	PBI Payments	\$0	\$0	\$3,719,398	\$5,797,724
(20) YEAR 7 BUILD	Market Value	\$0	\$0	\$1,371,291	\$2,349,864
(21) YEAR 7 BUILD	Net Cost	\$0	\$0	\$2,348,107	\$3,447,860
(22) YEAR 8 BUILD	PBI Payments	\$0	\$0	\$0	\$3,044,418
(23) YEAR 8 BUILD	Market Value	\$0	\$0	\$0	\$1,233,927
(24) YEAR 8 BUILD	Net Cost	\$0	\$0	\$0	\$1,810,491
(25) YEAR 9 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(26) YEAR 9 BUILD	Market Value	\$0	\$0	\$0	\$0
(27) YEAR 9 BUILD	Net Cost	\$0	\$0	\$0	\$0
(28) YEAR 10 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(29) YEAR 10 BUILD	Market Value	\$0	\$0	\$0	\$0
(30) YEAR 10 BUILD	Net Cost	\$0	\$0	\$0	\$0
(31) YEAR 11 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(32) YEAR 11 BUILD	Market Value	\$0	\$0	\$0	\$0
(33) YEAR 11 BUILD	Net Cost	\$0	\$0	\$0	\$0
(34) YEAR 12 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(35) YEAR 12 BUILD	Market Value	\$0	\$0	\$0	\$0
(36) YEAR 12 BUILD	Net Cost	\$0	\$0	\$0	\$0
(37) YEAR 13 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(38) YEAR 13 BUILD	Market Value	\$0	\$0	\$0	\$0
(39) YEAR 13 BUILD	Net Cost	\$0	\$0	\$0	\$0
(40) YEAR 14 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(41) YEAR 14 BUILD	Market Value	\$0	\$0	\$0	\$0
(42) YEAR 14 BUILD	Net Cost	\$0	\$0	\$0	\$0
(43) YEAR 15 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(44) YEAR 15 BUILD	Market Value	\$0	\$0	\$0	\$0
(45) YEAR 15 BUILD	Net Cost	\$0	\$0	\$0	\$0
(46) TOTAL	PBI Payments	\$22,705,246	\$26,816,572	\$31,403,825	\$37,898,789
(47) TOTAL	Market Value	\$4,416,457	\$7,173,270	\$11,578,159	\$15,360,681
(48) TOTAL	Net Cost	\$18,288,790	\$19,643,301	\$19,825,666	\$22,538,108
(49) Admin/Metering Costs		\$1,166,647	\$932,707	\$1,314,741	\$903,118
(50) Estimated Remuneration		\$397,342	\$469,290	\$549,567	\$663,229
(51) Total Estimated RE Growth Pro	ogram Expense	\$19,852,779	\$21,045,298	\$21,689,974	\$24,104,455

Column	and	Line	Notes

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Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3, Line (16)
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Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule NECO-2 Page 1, Line (1)(a)
Lines (1) through (45) and (50)	Estimates based on estimated build in each year pages 11
Columns (j) through (al):	through 25
Line (49) Columns (i) through	Estimates based on change in net cost in each year
(al):	
Line (50)	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On and after April 1, 2023: \$0
Line (51)	Line (48) + Line (49) + Line (50)
Column (am):	Sum of Columns (a) through (al)

		Year 9	Year 10	Year 11	Year 12
		Y/E 3/31/2024 (i)	Y/E 3/31/2025 (j)	Y/E 3/31/2026 (k)	Y/E 3/31/2027 (I)
(1) YEAR 1 BUILD I	PBI Payments	\$6,725,772	\$6,725,772	\$6,725,772	\$6.725.772
	Market Value	\$0,725,772 \$2,523,473	\$6,725,772 \$2,523,473	\$6,725,772 \$2,523,473	\$0,725,772
	Net Cost	\$4,202,299	\$4,202,299	\$4,202,299	\$4,202,299
(4) YEAR 2 BUILD I	PBI Payments	\$4,501,324	\$4,501,324	\$4,501,324	\$4,501,324
	Market Value	\$1,688,872	\$1,688,872	\$1,688,872	\$1,688,872
(6) YEAR 2 BUILD	Net Cost	\$2,812,452	\$2,812,452	\$2,812,452	\$2,812,452
	PBI Payments	\$7,528,388	\$7,528,388	\$7,528,388	\$7,528,388
	Market Value Net Cost	\$2,824,610 \$4,703,778	\$2,824,610 \$4,703,778	\$2,824,610 \$4,703,778	\$2,824,610 \$4,703,778
	ivet Cost				
	PBI Payments	\$6,004,969	\$6,004,969	\$6,004,969	\$6,004,969
	Market Value Net Cost	\$2,253,032 \$3,751,937	\$2,253,032 \$3,751,937	\$2,253,032 \$3,751,937	\$2,253,032 \$3,751,937
	PBI Payments	\$7,297,248	\$7,297,248	\$7,297,248	\$7,297,248
	Market Value Net Cost	\$2,737,888 \$4,559,360	\$2,737,888 \$4,559,360	\$2,737,888 \$4,559,360	\$2,737,888 \$4,559,360
	PBI Payments	\$6,166,523	\$6,166,523	\$6,166,523	\$6,166,523
	Market Value Net Cost	\$2,313,646 \$3,852,877	\$2,313,646 \$3,852,877	\$2,313,646 \$3,852,877	\$2,313,646 \$3,852,877
	PBI Payments	\$7,626,947	\$7,626,947	\$7,626,947	\$7,626,947
	Market Value Net Cost	\$2,861,589 \$4,765,358	\$2,861,589 \$4,765,358	\$2,861,589 \$4,765,358	\$2,861,589 \$4,765,358
(21) TEAR / BUILD	ivet Cost	\$4,703,538	\$4,703,338	\$4,763,338	\$4,703,338
	PBI Payments	\$4,004,954	\$3,753,589	\$3,753,589	\$3,753,589
	Market Value Net Cost	\$1,502,637	\$1,047,468	\$1,047,468	\$1,047,468
(24) YEAR 8 BUILD	Net Cost	\$2,502,317	\$2,706,121	\$2,706,121	\$2,706,121
	PBI Payments	\$46,043	\$1,051,829	\$1,577,744	\$1,577,744
	Market Value	\$17,275	\$516,663	\$774,994	\$774,994
(27) YEAR 9 BUILD	Net Cost	\$28,768	\$535,166	\$802,750	\$802,750
	PBI Payments	\$0	\$9,455,719	\$18,911,438	\$28,367,158
	Market Value	\$0	\$3,766,047	\$7,532,093	\$11,298,140
(30) YEAR 10 BUILD	Net Cost	\$0	\$5,689,673	\$11,379,345	\$17,069,018
	PBI Payments	\$0	\$0	\$11,101,592	\$22,203,184
	Market Value	\$0	\$0	\$4,633,423	\$9,266,847
(33) YEAR 11 BUILD	Net Cost	\$0	\$0	\$6,468,169	\$12,936,337
	PBI Payments	\$0	\$0	\$0	\$14,554,915
	Market Value	\$0	\$0 \$0	\$0 \$0	\$6,368,177
	Net Cost	\$0			\$8,186,739
	PBI Payments	\$0	\$0	\$0	\$0
	Market Value Net Cost	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(39) YEAR 13 BUILD	Net Cost	20	\$0	20	20
	PBI Payments	\$0	\$0	\$0	\$0
	Market Value	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(42) YEAR 14 BUILD	Net Cost	20	\$0	20	20
	PBI Payments	\$0	\$0	\$0	\$0
	Market Value	\$0	\$0	\$0 \$0	\$0
(45) YEAR 15 BUILD	Net Cost	\$0	\$0		\$0
	PBI Payments	\$49,902,168	\$60,112,309	\$81,195,535	\$116,307,761
	Market Value	\$18,723,023	\$22,533,288	\$31,191,090	\$45,958,736
(48) TOTAL	Net Cost	\$31,179,145	\$37,579,021	\$50,004,445	\$70,349,024
(49) Admin/Metering Costs		\$1,249,227	\$1,460,918	\$1,708,481	\$1,997,997
(50) Estimated Remuneration		\$0	\$0	\$0	\$0
(51) Total Estimated RE Growth Progra	am Evnense	\$32,428,372	\$39,039,938	\$51,712,926	\$72,347,021

Column and Line Notes:

nn and Line Notes:	
Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3,
	Line (16)
Column (b):	Actual Yr 2 costs per Docket 4707 Schedule ASC-3, Page 3,
	Line (22)
Column (c):	Actual Yr 3 costs per Docket 4847 Schedule NG-3 Revised,
(2).	Page 3, Line (25)
Column (d):	Actual Yr 4 costs per Docket 4954 Schedule NG-3, Page 3,
(_).	Line (23)
Column (e):	Actual Yr 5 costs per Docket 5039 Schedule NG-3
Column (c).	Compliance, Page 1, Line (2)(c)
Column (f)	Actual Yr 6 costs as per Docket No. 5164, Schedule NG-3,
Column (1)	Page 3. Column (c)
Column (g)	Actual Yr 7 costs as per Docket No. 22-04-REG, Schedule
Column (g)	NECO-3 Page 3, Column (c)
Column (h)	Actual Yr 8 costs as per Docket No. 23-24-REG, Schedule
Column (ii)	NECO-3 Page 3, Column (c)
Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule
Column (1)	NECO-2 Page 1, Line (1)(a)
	NECO-2 Page 1, Line (1)(a)
Lines (1) through (45) and (50)	Estimates based on estimated build in each year pages 11
Columns (j) through (al):	through 25
Line (49) Columns (i) through	Estimates based on change in net cost in each year
(al):	25 minutes outset on entange in net cost in each year
Line (50)	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On
Line (50)	
Line (51)	and after April 1, 2023: \$0 Line (48) + Line (49) + Line (50)
Line (51) Column (am):	and after April 1, 2025: \$0 Line (48) + Line (49) + Line (50) Sum of Columns (a) through (al)

		Year 13 Y/E 3/31/2028 (m)	Year 14 Y/E 3/31/2029 (n)	Year 15 Y/E 3/31/2030 (o)	Year 16 Y/E 3/31/2031 (p)
(1) YEAR 1 BUILD	PBI Payments	\$6,725,772	\$6,725,772	\$6,725,772	\$6,725,772
(2) YEAR 1 BUILD	Market Value	\$2,523,473	\$2,523,473	\$2,523,473	\$2,523,473
(3) YEAR 1 BUILD	Net Cost	\$4,202,299	\$4,202,299	\$4,202,299	\$4,202,299
(4) YEAR 2 BUILD	PBI Payments	\$4,501,324	\$4,501,324	\$4,501,324	\$4,501,324
(5) YEAR 2 BUILD	Market Value	\$1,688,872	\$1,688,872	\$1,688,872	\$1,688,872
(6) YEAR 2 BUILD	Net Cost	\$2,812,452	\$2,812,452	\$2,812,452	\$2,812,452
(7) YEAR 3 BUILD	PBI Payments	\$7,528,388	\$7,528,388	\$7,528,388	\$7,528,388
(8) YEAR 3 BUILD	Market Value	\$2,824,610	\$2,824,610	\$2,824,610	\$2,824,610
(9) YEAR 3 BUILD	Net Cost	\$4,703,778	\$4,703,778	\$4,703,778	\$4,703,778
(10) YEAR 4 BUILD	PBI Payments	\$6,004,969	\$6,004,969	\$6,004,969	\$6,004,969
(11) YEAR 4 BUILD	Market Value	\$2,253,032	\$2,253,032	\$2,253,032	\$2,253,032
(12) YEAR 4 BUILD	Net Cost	\$3,751,937	\$3,751,937	\$3,751,937	\$3,751,937
(13) YEAR 5 BUILD	PBI Payments	\$7,297,248	\$7,297,248	\$7,297,248	\$7,297,248
(14) YEAR 5 BUILD	Market Value	\$2,737,888	\$2,737,888	\$2,737,888	\$2,737,888
(15) YEAR 5 BUILD	Net Cost	\$4,559,360	\$4,559,360	\$4,559,360	\$4,559,360
(16) YEAR 6 BUILD	PBI Payments	\$6,166,523	\$6,166,523	\$6,166,523	\$6,166,523
(17) YEAR 6 BUILD	Market Value	\$2,313,646	\$2,313,646	\$2,313,646	\$2,313,646
(18) YEAR 6 BUILD	Net Cost	\$3,852,877	\$3,852,877	\$3,852,877	\$3,852,877
(19) YEAR 7 BUILD	PBI Payments	\$7,626,947	\$7,626,947	\$7,626,947	\$7,626,947
(20) YEAR 7 BUILD	Market Value	\$2,861,589	\$2,861,589	\$2,861,589	\$2,861,589
(21) YEAR 7 BUILD	Net Cost	\$4,765,358	\$4,765,358	\$4,765,358	\$4,765,358
(22) YEAR 8 BUILD	PBI Payments	\$3,753,589	\$3,753,589	\$3,753,589	\$3,753,589
(23) YEAR 8 BUILD	Market Value	\$1,047,468	\$1,047,468	\$1,047,468	\$1,047,468
(24) YEAR 8 BUILD	Net Cost	\$2,706,121	\$2,706,121	\$2,706,121	\$2,706,121
(25) YEAR 9 BUILD	PBI Payments	\$1,577,744	\$1,577,744	\$1,577,744	\$1,577,744
(26) YEAR 9 BUILD	Market Value	\$774,994	\$774,994	\$774,994	\$774,994
(27) YEAR 9 BUILD	Net Cost	\$802,750	\$802,750	\$802,750	\$802,750
(28) YEAR 10 BUILD	PBI Payments	\$28,367,158	\$28,367,158	\$28,367,158	\$28,367,158
(29) YEAR 10 BUILD	Market Value	\$11,298,140	\$11,298,140	\$11,298,140	\$11,298,140
(30) YEAR 10 BUILD	Net Cost	\$17,069,018	\$17,069,018	\$17,069,018	\$17,069,018
(31) YEAR 11 BUILD	PBI Payments	\$33,304,775	\$33,304,775	\$33,304,775	\$33,304,775
(32) YEAR 11 BUILD	Market Value	\$13,900,270	\$13,900,270	\$13,900,270	\$13,900,270
(33) YEAR 11 BUILD	Net Cost	\$19,404,506	\$19,404,506	\$19,404,506	\$19,404,506
(34) YEAR 12 BUILD	PBI Payments	\$29,109,830	\$43,664,746	\$43,664,746	\$43,664,746
(35) YEAR 12 BUILD	Market Value	\$12,736,353	\$19,104,530	\$19,104,530	\$19,104,530
(36) YEAR 12 BUILD	Net Cost	\$16,373,477	\$24,560,216	\$24,560,216	\$24,560,216
(37) YEAR 13 BUILD	PBI Payments	\$3,138,526	\$6,277,052	\$9,415,579	\$9,415,579
(38) YEAR 13 BUILD	Market Value	\$1,373,192	\$2,746,383	\$4,119,575	\$4,119,575
(39) YEAR 13 BUILD	Net Cost	\$1,765,334	\$3,530,669	\$5,296,003	\$5,296,003
(40) YEAR 14 BUILD	PBI Payments	\$0	\$3,138,526	\$6,277,052	\$9,415,579
(41) YEAR 14 BUILD	Market Value	\$0	\$1,373,192	\$2,746,383	\$4,119,575
(42) YEAR 14 BUILD	Net Cost	\$0	\$1,765,334	\$3,530,669	\$5,296,003
(43) YEAR 15 BUILD	PBI Payments	\$0	\$0	\$3,138,526	\$6,277,052
(44) YEAR 15 BUILD	Market Value	\$0	\$0	\$1,373,192	\$2,746,383
(45) YEAR 15 BUILD	Net Cost	\$0	\$0	\$1,765,334	\$3,530,669
(46) TOTAL	PBI Payments	\$145,102,794	\$165,934,762	\$175,350,340	\$181,627,392
(47) TOTAL	Market Value	\$58,333,528	\$67,448,088	\$71,567,663	\$74,314,047
(48) TOTAL	Net Cost	\$86,769,266	\$98,486,674	\$103,782,677	\$107,313,346
(49) Admin/Metering Costs		\$2,336,572	\$2,732,522	\$3,195,568	\$3,737,082
(50) Estimated Remuneration		\$0	\$0	\$0	\$0
(51) Total Estimated RE Growth P	rogram Expense	\$89,105,838	\$101,219,195	\$106,978,245	\$111,050,427

Column and Line Notes:

I	nn and Line Notes:	
	Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3, Line (16)
	Column (b):	Actual Yr 2 costs per Docket 4707 Schedule ASC-3, Page 3, Line (22)
	Column (c):	Actual Yr 3 costs per Docket 4847 Schedule NG-3 Revised, Page 3, Line (25)
	Column (d):	Actual Yr 4 costs per Docket 4954 Schedule NG-3, Page 3, Line (23)
	Column (e):	Actual Yr 5 costs per Docket 5039 Schedule NG-3 Compliance, Page 1, Line (2)(c)
	Column (f)	Actual Yr 6 costs as per Docket No. 5164, Schedule NG-3, Page 3, Column (c)
	Column (g)	Actual Yr 7 costs as per Docket No. 22-04-REG, Schedule NECO-3 Page 3, Column (c)
	Column (h)	Actual Yr 8 costs as per Docket No. 23-24-REG, Schedule NECO-3 Page 3, Column (c)
	Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule NECO-2 Page 1, Line (1)(a)
	Lines (1) through (45) and (50)	Estimates based on estimated build in each year pages 11
	Columns (j) through (al):	through 25
	Line (49) Columns (i) through	Estimates based on change in net cost in each year
	(al):	
	Line (50)	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On and after April 1, 2023: \$0
	Line (51)	Line (48) + Line (49) + Line (50)
	Column (am):	Sum of Columns (a) through (al)

		Year 17 Y/E 3/31/2032 (q)	Year 18 Y/E 3/31/2033 (r)	Year 19 Y/E 3/31/2034 (s)	Year 20 Y/E 3/31/2035 (t)
		(4)	(1)	(5)	(1)
(1) YEAR 1 BUILD	PBI Payments	\$6,725,772	\$6,725,772	\$6,725,772	\$6,725,772
(2) YEAR 1 BUILD	Market Value	\$2,523,473	\$2,523,473	\$2,523,473	\$2,523,473
(3) YEAR 1 BUILD	Net Cost	\$4,202,299	\$4,202,299	\$4,202,299	\$4,202,299
(4) YEAR 2 BUILD	PBI Payments	\$4,501,324	\$4,501,324	\$4,501,324	\$4,501,324
(5) YEAR 2 BUILD	Market Value	\$1,688,872	\$1,688,872	\$1,688,872	\$1,688,872
(6) YEAR 2 BUILD	Net Cost	\$2,812,452	\$2,812,452	\$2,812,452	\$2,812,452
(7) YEAR 3 BUILD	PBI Payments	\$7,528,388	\$7,528,388	\$7,528,388	\$7,528,388
(7) YEAR 3 BUILD (8) YEAR 3 BUILD	Market Value	\$7,528,388 \$2,824,610	\$7,528,388 \$2,824,610	\$7,528,388 \$2,824.610	\$7,528,388
(9) YEAR 3 BUILD	Net Cost	\$4,703,778	\$4,703,778	\$4,703,778	\$4,703,778
(10) YEAR 4 BUILD	PBI Payments	\$6,004,969	\$6,004,969	\$6,004,969	\$6,004,969
(11) YEAR 4 BUILD	Market Value Net Cost	\$2,253,032 \$3,751,937	\$2,253,032	\$2,253,032	\$2,253,032
(12) YEAR 4 BUILD	Net Cost	\$3,/31,93/	\$3,751,937	\$3,751,937	\$3,751,937
(13) YEAR 5 BUILD	PBI Payments	\$7,297,248	\$7,297,248	\$7,297,248	\$7,297,248
(14) YEAR 5 BUILD	Market Value	\$2,737,888	\$2,737,888	\$2,737,888	\$2,737,888
(15) YEAR 5 BUILD	Net Cost	\$4,559,360	\$4,559,360	\$4,559,360	\$4,559,360
(16) YEAR 6 BUILD	PBI Payments	\$6,166,523	\$6,166,523	\$6,166,523	\$6,166,523
(17) YEAR 6 BUILD	Market Value	\$2,313,646	\$2,313,646	\$2,313,646	\$2,313,646
(18) YEAR 6 BUILD	Net Cost	\$3,852,877	\$3,852,877	\$3,852,877	\$3,852,877
(19) YEAR 7 BUILD (20) YEAR 7 BUILD	PBI Payments Market Value	\$7,626,947 \$2,861,589	\$7,626,947 \$2,861,589	\$7,626,947 \$2,861,589	\$7,626,947 \$2,861,589
(21) YEAR 7 BUILD	Net Cost	\$4,765,358	\$4,765,358	\$4,765,358	\$4,765,358
(21) TEMY BOILE	100	01,705,550	\$ 1,7 03,330	91,700,000	91,703,330
(22) YEAR 8 BUILD	PBI Payments	\$3,753,589	\$3,753,589	\$3,753,589	\$3,753,589
(23) YEAR 8 BUILD	Market Value	\$1,047,468	\$1,047,468	\$1,047,468	\$1,047,468
(24) YEAR 8 BUILD	Net Cost	\$2,706,121	\$2,706,121	\$2,706,121	\$2,706,121
(25) YEAR 9 BUILD	PBI Payments	\$1,577,744	\$1,577,744	\$1,577,744	\$1,577,744
(26) YEAR 9 BUILD	Market Value	\$774,994	\$774,994	\$774,994	\$774,994
(27) YEAR 9 BUILD	Net Cost	\$802,750	\$802,750	\$802,750	\$802,750
(28) YEAR 10 BUILD	PBI Payments	\$28,367,158	\$28,367,158	\$28,367,158	\$28,367,158
(29) YEAR 10 BUILD	Market Value	\$11,298,140	\$11,298,140	\$11,298,140	\$11,298,140
(30) YEAR 10 BUILD	Net Cost	\$17,069,018	\$17,069,018	\$17,069,018	\$17,069,018
(31) YEAR 11 BUILD	PBI Payments	\$33,304,775	\$33,304,775	\$33,304,775	\$33,304,775
(32) YEAR 11 BUILD (33) YEAR 11 BUILD	Market Value Net Cost	\$13,900,270 \$19,404,506	\$13,900,270 \$19,404,506	\$13,900,270 \$19,404,506	\$13,900,270 \$19,404,506
(55) TEAR IT BOILD	rec cost	\$17,404,500	317,404,300	\$17,404,500	\$17,404,500
(34) YEAR 12 BUILD	PBI Payments	\$43,664,746	\$43,664,746	\$43,664,746	\$43,664,746
(35) YEAR 12 BUILD	Market Value	\$19,104,530	\$19,104,530	\$19,104,530	\$19,104,530
(36) YEAR 12 BUILD	Net Cost	\$24,560,216	\$24,560,216	\$24,560,216	\$24,560,216
(37) YEAR 13 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(38) YEAR 13 BUILD	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(39) YEAR 13 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(40) VEAR 14 DUILD	DDI D	60 415 570	60 415 570	60 415 570	60 417 770
(40) YEAR 14 BUILD (41) YEAR 14 BUILD	PBI Payments Market Value	\$9,415,579 \$4,119,575	\$9,415,579 \$4,119,575	\$9,415,579 \$4,119,575	\$9,415,579 \$4,119,575
(42) YEAR 14 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(43) YEAR 15 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(44) YEAR 15 BUILD (45) YEAR 15 BUILD	Market Value Net Cost	\$4,119,575 \$5,206,002	\$4,119,575	\$4,119,575 \$5,296,003	\$4,119,575 \$5,296,003
(CF) TEAR IS BUILD	not cost	\$5,296,003	\$5,296,003	93,270,003	93,290,003
(46) TOTAL	PBI Payments	\$184,765,919	\$184,765,919	\$184,765,919	\$184,765,919
(47) TOTAL	Market Value	\$75,687,238	\$75,687,238	\$75,687,238	\$75,687,238
(48) TOTAL	Net Cost	\$109,078,680	\$109,078,680	\$109,078,680	\$109,078,680
(49) Admin/Metering Costs		\$4,370,358	\$4,370,358	\$4,370,358	\$4,370,358
· · /		, 0,000	4 -50 - 550 0		4 ., 0,000
(50) Estimated Remuneration		\$0	\$0	\$0	\$0
(51) Total Estimated RE Growth P	rogram Evnence	\$113,449,039	\$113,449,039	\$113,449,039	\$113,449,039
(51) Total Estillated RE Growth P	rogram Expense	\$113,449,039	\$113, 44 9,039	\$113 ,44 9,039	\$115,449,039

Column	and	Line	Notes

ш	nn and Line Notes:	
	Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3, Line (16)
	Column (b):	Actual Yr 2 costs per Docket 4707 Schedule ASC-3, Page 3, Line (22)
	Column (c):	Actual Yr 3 costs per Docket 4847 Schedule NG-3 Revised, Page 3, Line (25)
	Column (d):	Actual Yr 4 costs per Docket 4954 Schedule NG-3, Page 3, Line (23)
	Column (e):	Actual Yr 5 costs per Docket 5039 Schedule NG-3 Compliance, Page 1, Line (2)(c)
	Column (f)	Actual Yr 6 costs as per Docket No. 5164, Schedule NG-3, Page 3, Column (c)
	Column (g)	Actual Yr 7 costs as per Docket No. 22-04-REG, Schedule NECO-3 Page 3, Column (c)
	Column (h)	Actual Yr 8 costs as per Docket No. 23-24-REG, Schedule NECO-3 Page 3, Column (c)
	Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule NECO-2 Page 1, Line (1)(a)
	Lines (1) through (45) and (50)	Estimates based on estimated build in each year pages 11
	Columns (j) through (al):	through 25
	Line (49) Columns (i) through	Estimates based on change in net cost in each year
	(al):	
	Line (50)	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On and after April 1, 2023: \$0
	Line (51)	Line (48) + Line (49) + Line (50)
	Column (am):	Sum of Columns (a) through (al)

		Year 21 Y/E 3/31/2036 (u)	Year 22 Y/E 3/31/2037 (v)	Year 23 Y/E 3/31/2038 (w)	Year 24 Y/E 3/31/2039 (x)
(1) YEAR 1 BUILD	PBI Payments	\$6,725,772	\$6,725,772	\$4,483,848	\$2,241,924
(2) YEAR 1 BUILD	Market Value	\$2,523,473	\$2,523,473	\$1,682,315	\$841,158
(3) YEAR 1 BUILD	Net Cost	\$4,202,299	\$4,202,299	\$2,801,533	\$1,400,766
(4) YEAR 2 BUILD	PBI Payments	\$4,501,324	\$4,501,324	\$4,501,324	\$3,000,883
(5) YEAR 2 BUILD	Market Value	\$1,688,872	\$1,688,872	\$1,688,872	\$1,125,915
(6) YEAR 2 BUILD	Net Cost	\$2,812,452	\$2,812,452	\$2,812,452	\$1,874,968
(7) YEAR 3 BUILD	PBI Payments	\$7,528,388	\$7,528,388	\$7,528,388	\$7,528,388
(8) YEAR 3 BUILD	Market Value	\$2,824,610	\$2,824,610	\$2,824,610	\$2,824,610
(9) YEAR 3 BUILD	Net Cost	\$4,703,778	\$4,703,778	\$4,703,778	\$4,703,778
(10) YEAR 4 BUILD	PBI Payments	\$6,004,969	\$6,004,969	\$6,004,969	\$6,004,969
(11) YEAR 4 BUILD	Market Value	\$2,253,032	\$2,253,032	\$2,253,032	\$2,253,032
(12) YEAR 4 BUILD	Net Cost	\$3,751,937	\$3,751,937	\$3,751,937	\$3,751,937
(13) YEAR 5 BUILD	PBI Payments	\$7,297,248	\$7,297,248	\$7,297,248	\$7,297,248
(14) YEAR 5 BUILD	Market Value	\$2,737,888	\$2,737,888	\$2,737,888	\$2,737,888
(15) YEAR 5 BUILD	Net Cost	\$4,559,360	\$4,559,360	\$4,559,360	\$4,559,360
(16) YEAR 6 BUILD	PBI Payments	\$6,166,523	\$6,166,523	\$6,166,523	\$6,166,523
(17) YEAR 6 BUILD	Market Value	\$2,313,646	\$2,313,646	\$2,313,646	\$2,313,646
(18) YEAR 6 BUILD	Net Cost	\$3,852,877	\$3,852,877	\$3,852,877	\$3,852,877
(19) YEAR 7 BUILD	PBI Payments	\$7,626,947	\$7,626,947	\$7,626,947	\$7,626,947
(20) YEAR 7 BUILD	Market Value	\$2,861,589	\$2,861,589	\$2,861,589	\$2,861,589
(21) YEAR 7 BUILD	Net Cost	\$4,765,358	\$4,765,358	\$4,765,358	\$4,765,358
(22) YEAR 8 BUILD	PBI Payments	\$3,753,589	\$3,753,589	\$3,753,589	\$3,753,589
(23) YEAR 8 BUILD	Market Value	\$1,047,468	\$1,047,468	\$1,047,468	\$1,047,468
(24) YEAR 8 BUILD	Net Cost	\$2,706,121	\$2,706,121	\$2,706,121	\$2,706,121
(25) YEAR 9 BUILD	PBI Payments	\$1,577,744	\$1,577,744	\$1,577,744	\$1,577,744
(26) YEAR 9 BUILD	Market Value	\$774,994	\$774,994	\$774,994	\$774,994
(27) YEAR 9 BUILD	Net Cost	\$802,750	\$802,750	\$802,750	\$802,750
(28) YEAR 10 BUILD	PBI Payments	\$28,367,158	\$28,367,158	\$28,367,158	\$28,367,158
(29) YEAR 10 BUILD	Market Value	\$11,298,140	\$11,298,140	\$11,298,140	\$11,298,140
(30) YEAR 10 BUILD	Net Cost	\$17,069,018	\$17,069,018	\$17,069,018	\$17,069,018
(31) YEAR 11 BUILD	PBI Payments	\$33,304,775	\$33,304,775	\$33,304,775	\$33,304,775
(32) YEAR 11 BUILD	Market Value	\$13,900,270	\$13,900,270	\$13,900,270	\$13,900,270
(33) YEAR 11 BUILD	Net Cost	\$19,404,506	\$19,404,506	\$19,404,506	\$19,404,506
(34) YEAR 12 BUILD	PBI Payments	\$43,664,746	\$43,664,746	\$43,664,746	\$43,664,746
(35) YEAR 12 BUILD	Market Value	\$19,104,530	\$19,104,530	\$19,104,530	\$19,104,530
(36) YEAR 12 BUILD	Net Cost	\$24,560,216	\$24,560,216	\$24,560,216	\$24,560,216
(37) YEAR 13 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(38) YEAR 13 BUILD	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(39) YEAR 13 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(40) YEAR 14 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(41) YEAR 14 BUILD	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(42) YEAR 14 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(43) YEAR 15 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(44) YEAR 15 BUILD	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(45) YEAR 15 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(46) TOTAL	PBI Payments	\$184,765,919	\$184,765,919	\$182,523,995	\$178,781,629
(47) TOTAL	Market Value	\$75,687,238	\$75,687,238	\$74,846,081	\$73,441,965
(48) TOTAL	Net Cost	\$109,078,680	\$109,078,680	\$107,677,914	\$105,339,664
(49) Admin/Metering Costs		\$4,370,358	\$4,370,358	\$4,314,235	\$4,220,550
(50) Estimated Remuneration		\$0	\$0	\$0	\$0
(51) Total Estimated RE Growth Pro	ogram Expense	\$113,449,039	\$113,449,039	\$111,992,149	\$109,560,214

Column and Line Notes:

u	nn and Line Notes:	
	Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3, Line (16)
	Column (b):	Actual Yr 2 costs per Docket 4707 Schedule ASC-3, Page 3, Line (22)
	Column (c):	Actual Yr 3 costs per Docket 4847 Schedule NG-3 Revised, Page 3, Line (25)
	Column (d):	Actual Yr 4 costs per Docket 4954 Schedule NG-3, Page 3, Line (23)
	Column (e):	Actual Yr 5 costs per Docket 5039 Schedule NG-3 Compliance, Page 1, Line (2)(c)
	Column (f)	Actual Yr 6 costs as per Docket No. 5164, Schedule NG-3, Page 3, Column (c)
	Column (g)	Actual Yr 7 costs as per Docket No. 22-04-REG, Schedule NECO-3 Page 3, Column (c)
	Column (h)	Actual Yr 8 costs as per Docket No. 23-24-REG, Schedule NECO-3 Page 3, Column (c)
	Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule NECO-2 Page 1, Line (1)(a)
	Lines (1) through (45) and (50)	Estimates based on estimated build in each year pages 11
	Columns (j) through (al):	through 25
	Line (49) Columns (i) through (al):	Estimates based on change in net cost in each year
	Line (50)	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On and after April 1, 2023: \$0
	Line (51)	Line (48) + Line (49) + Line (50)
	Column (am):	Sum of Columns (a) through (al)

		Year 25 Y/E 3/31/2040 (y)	Year 26 Y/E 3/31/2041 (z)	Year 27 Y/E 3/31/2042 (aa)	Year 28 Y/E 3/31/2043 (ab)
(1) YEAR 1 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(2) YEAR 1 BUILD	Market Value	\$0	\$0	\$0	\$0
(3) YEAR 1 BUILD	Net Cost	\$0	\$0	\$0	\$0
(4) YEAR 2 BUILD	PBI Payments	\$1,500,441	\$0	\$0	\$0
(5) YEAR 2 BUILD	Market Value	\$562,957	\$0	\$0	\$0
(6) YEAR 2 BUILD	Net Cost	\$937,484	\$0	\$0	\$0
(7) YEAR 3 BUILD	PBI Payments	\$5,018,925	\$2,509,463	\$0	\$0
(8) YEAR 3 BUILD	Market Value	\$1,883,074	\$941,537	\$0	\$0
(9) YEAR 3 BUILD	Net Cost	\$3,135,852	\$1,567,926	\$0	\$0
(10) YEAR 4 BUILD	PBI Payments	\$6,004,969	\$4,003,313	\$2.001,656	\$0
(11) YEAR 4 BUILD	Market Value	\$2,253,032	\$1,502,021	\$751,011	\$0
(12) YEAR 4 BUILD	Net Cost	\$3,751,937	\$2,501,291	\$1,250,646	\$0
(13) YEAR 5 BUILD	PBI Payments	\$7,297,248	\$7,297,248	\$4,864,832	\$2,432,416
(14) YEAR 5 BUILD	Market Value	\$2,737,888	\$2,737,888	\$1,825,259	\$912,629
(15) YEAR 5 BUILD	Net Cost	\$4,559,360	\$4,559,360	\$3,039,573	\$1,519,787
(16) YEAR 6 BUILD	PBI Payments	\$6,166,523	\$6,166,523	\$6,166,523	\$4,111,015
(17) YEAR 6 BUILD	Market Value	\$2,313,646	\$2,313,646	\$2,313,646	\$1,542,431
(18) YEAR 6 BUILD	Net Cost	\$3,852,877	\$3,852,877	\$3,852,877	\$2,568,585
(19) YEAR 7 BUILD	PBI Payments	\$7,626,947	\$7,626,947	\$7,626,947	\$7,626,947
(20) YEAR 7 BUILD	Market Value	\$2,861,589	\$2,861,589	\$2,861,589	\$2,861,589
(21) YEAR 7 BUILD	Net Cost	\$4,765,358	\$4,765,358	\$4,765,358	\$4,765,358
(22) YEAR 8 BUILD	PBI Payments	\$3,753,589	\$3,753,589	\$3,753,589	\$3,753,589
(23) YEAR 8 BUILD	Market Value	\$1,047,468	\$1,047,468	\$1,047,468	\$1,047,468
(24) YEAR 8 BUILD	Net Cost	\$2,706,121	\$2,706,121	\$2,706,121	\$2,706,121
(25) YEAR 9 BUILD	PBI Payments	\$1,577,744	\$1,577,744	\$1,577,744	\$1,577,744
(26) YEAR 9 BUILD	Market Value	\$774,994	\$774,994	\$774,994	\$774,994
(27) YEAR 9 BUILD	Net Cost	\$802,750	\$802,750	\$802,750	\$802,750
(28) YEAR 10 BUILD	PBI Payments	\$28,367,158	\$28,367,158	\$28,367,158	\$28,367,158
(29) YEAR 10 BUILD	Market Value	\$11,298,140	\$11,298,140	\$11,298,140	\$11,298,140
(30) YEAR 10 BUILD	Net Cost	\$17,069,018	\$17,069,018	\$17,069,018	\$17,069,018
(31) YEAR 11 BUILD	PBI Payments	\$33,304,775	\$33,304,775	\$33,304,775	\$33,304,775
(32) YEAR 11 BUILD	Market Value	\$13,900,270	\$13,900,270	\$13,900,270	\$13,900,270
(33) YEAR 11 BUILD	Net Cost	\$19,404,506	\$19,404,506	\$19,404,506	\$19,404,506
(34) YEAR 12 BUILD	PBI Payments	\$43,664,746	\$43,664,746	\$43,664,746	\$43,664,746
(35) YEAR 12 BUILD	Market Value	\$19,104,530	\$19,104,530	\$19,104,530	\$19,104,530
(36) YEAR 12 BUILD	Net Cost	\$24,560,216	\$24,560,216	\$24,560,216	\$24,560,216
(37) YEAR 13 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(38) YEAR 13 BUILD	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(39) YEAR 13 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(40) YEAR 14 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(41) YEAR 14 BUILD	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(42) YEAR 14 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(43) YEAR 15 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(44) YEAR 15 BUILD	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(45) YEAR 15 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(46) TOTAL	PBI Payments	\$172,529,801	\$166,518,241	\$159,574,706	\$153,085,126
(47) TOTAL	Market Value	\$71,096,314	\$68,840,809	\$66,235,632	\$63,800,777
(48) TOTAL	Net Cost	\$101,433,488	\$97,677,432	\$93,339,074	\$89,284,349
(49) Admin/Metering Costs		\$4,064,045	\$3,913,555	\$3,739,733	\$3,577,276
(50) Estimated Remuneration		\$0	\$0	\$0	\$0
		6105 405 522	£101 500 005		802.071.725
(51) Total Estimated RE Growth Pr	ogram Expense	\$105,497,533	\$101,590,987	\$97,078,807	\$92,861,625

Column and Line Notes:

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Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3,
	Line (16)
Column (b):	Actual Yr 2 costs per Docket 4707 Schedule ASC-3, Page 3.
Column (b).	Line (22)
	Ellie (22)
Column (c):	Actual Yr 3 costs per Docket 4847 Schedule NG-3 Revised,
	Page 3, Line (25)
Column (d):	Actual Yr 4 costs per Docket 4954 Schedule NG-3, Page 3,
	Line (23)
Column (e):	Actual Yr 5 costs per Docket 5039 Schedule NG-3
(-)-	Compliance, Page 1, Line (2)(c)
Column (f)	Actual Yr 6 costs as per Docket No. 5164, Schedule NG-3,
Column (1)	Page 3. Column (c)
61 ()	
Column (g)	Actual Yr 7 costs as per Docket No. 22-04-REG, Schedule
	NECO-3 Page 3, Column (c)
Column (h)	Actual Yr 8 costs as per Docket No. 23-24-REG, Schedule
	NECO-3 Page 3, Column (c)
Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule
	NECO-2 Page 1, Line (1)(a)
Lines (1) through (45) and (50)	Estimates based on estimated build in each year pages 11
Columns (j) through (al):	through 25
Line (49) Columns (i) through	Estimates based on change in net cost in each year
(al):	Estimates based on change in not cost in each year
. ,	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On
Line (50)	
	and after April 1, 2023: \$0
Line (51)	Line (48) + Line (49) + Line (50)
Column (am):	Sum of Columns (a) through (al)

		Year 29 Y/E 3/31/2044 (ac)	Year 30 Y/E 3/31/2045 (ad)	Year 31 Y/E 3/31/2046 (ae)	Year 32 Y/E 3/31/2047 (af)
(1) YEAR 1 BUILD (2) YEAR 1 BUILD	PBI Payments Market Value	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(3) YEAR 1 BUILD	Net Cost	\$0		\$0	\$0
(4) YEAR 2 BUILD (5) YEAR 2 BUILD	PBI Payments Market Value	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(6) YEAR 2 BUILD	Net Cost	\$0		\$0	\$0
(7) YEAR 3 BUILD	PBI Payments	\$0 \$0	\$0 \$0	\$0	\$0 \$0
(8) YEAR 3 BUILD (9) YEAR 3 BUILD	Market Value Net Cost	\$0	\$0	\$0 \$0	\$0
(10) YEAR 4 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(11) YEAR 4 BUILD (12) YEAR 4 BUILD	Market Value Net Cost	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(13) YEAR 5 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(14) YEAR 5 BUILD (15) YEAR 5 BUILD	Market Value Net Cost	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
(16) YEAR 6 BUILD	PBI Payments	\$2,055,508	\$0	\$0	\$0
(17) YEAR 6 BUILD (18) YEAR 6 BUILD	Market Value Net Cost	\$771,215 \$1,284,292	\$0 \$0	\$0 \$0	\$0 \$0
(19) YEAR 7 BUILD	PBI Payments	\$5,084,631	\$2,542,316	\$0	\$0
(20) YEAR 7 BUILD	Market Value	\$1,907,726	\$953,863	\$0	\$0 \$0
(21) YEAR 7 BUILD	Net Cost	\$3,176,905	\$1,588,453	\$0	\$0
(22) YEAR 8 BUILD	PBI Payments	\$3,753,589	\$2,502,393	\$1,251,196	\$0
(23) YEAR 8 BUILD (24) YEAR 8 BUILD	Market Value Net Cost	\$1,047,468 \$2,706,121	\$698,312 \$1,804,081	\$349,156 \$902,040	\$0 \$0
(25) YEAR 9 BUILD	PBI Payments	\$1,577,744	\$1,577,744	\$1,051,829	\$525,915
(26) YEAR 9 BUILD	Market Value	\$774,994	\$774,994	\$516,663	\$258,331
(27) YEAR 9 BUILD	Net Cost	\$802,750	\$802,750	\$535,166	\$267,583
(28) YEAR 10 BUILD	PBI Payments	\$28,367,158	\$28,367,158	\$28,367,158	\$18,911,438
(29) YEAR 10 BUILD (30) YEAR 10 BUILD	Market Value Net Cost	\$11,298,140 \$17,069,018	\$11,298,140 \$17,069,018	\$11,298,140 \$17,069,018	\$7,532,093 \$11,379,345
(31) YEAR 11 BUILD	PBI Payments	\$33,304,775	\$33,304,775	\$33,304,775	\$33,304,775
(32) YEAR 11 BUILD	Market Value	\$13,900,270	\$13,900,270	\$13,900,270	\$13,900,270
(33) YEAR 11 BUILD	Net Cost	\$19,404,506	\$19,404,506	\$19,404,506	\$19,404,506
(34) YEAR 12 BUILD (35) YEAR 12 BUILD	PBI Payments Market Value	\$43,664,746 \$19,104,530	\$43,664,746 \$19,104,530	\$43,664,746 \$19,104,530	\$43,664,746 \$19,104,530
(36) YEAR 12 BUILD	Net Cost	\$24,560,216	\$24,560,216	\$24,560,216	\$24,560,216
(37) YEAR 13 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(38) YEAR 13 BUILD	Market Value Net Cost	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(39) YEAR 13 BUILD		\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(40) YEAR 14 BUILD (41) YEAR 14 BUILD	PBI Payments Market Value	\$9,415,579 \$4,119,575	\$9,415,579 \$4,119,575	\$9,415,579 \$4,119,575	\$9,415,579 \$4,119,575
(42) YEAR 14 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(43) YEAR 15 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(44) YEAR 15 BUILD	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(45) YEAR 15 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(46) TOTAL (47) TOTAL	PBI Payments Market Value	\$146,054,887 \$61,163,069	\$140,205,867 \$59,088,835	\$135,886,440 \$57,527,484	\$124,653,610 \$53,153,950
(48) TOTAL	Net Cost	\$84,891,817	\$81,117,032	\$78,358,956	\$71,499,660
(49) Admin/Metering Costs		\$3,401,285	\$3,250,044	\$3,139,538	\$2,864,713
(50) Estimated Remuneration		\$0	\$0	\$0	\$0
(51) Total Estimated RE Growth P	rogram Expense	\$88,293,102	\$84,367,076	\$81,498,494	\$74,364,373

Column	and	Line	Notes:

ш	illi alid Lille Notes.	
	Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3, Line (16)
	Column (b):	Actual Yr 2 costs per Docket 4707 Schedule ASC-3, Page 3, Line (22)
	Column (c):	Actual Yr 3 costs per Docket 4847 Schedule NG-3 Revised, Page 3, Line (25)
	Column (d):	Actual Yr 4 costs per Docket 4954 Schedule NG-3, Page 3, Line (23)
	Column (e):	Actual Yr 5 costs per Docket 5039 Schedule NG-3 Compliance, Page 1, Line (2)(c)
	Column (f)	Actual Yr 6 costs as per Docket No. 5164, Schedule NG-3, Page 3, Column (c)
	Column (g)	Actual Yr 7 costs as per Docket No. 22-04-REG, Schedule NECO-3 Page 3, Column (c)
	Column (h)	Actual Yr 8 costs as per Docket No. 23-24-REG, Schedule NECO-3 Page 3, Column (c)
	Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule NECO-2 Page 1, Line (1)(a)
	Lines (1) through (45) and (50)	Estimates based on estimated build in each year pages 11
	Columns (j) through (al):	through 25
	Line (49) Columns (i) through	Estimates based on change in net cost in each year
	(al):	
	Line (50)	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On and after April 1, 2023: \$0
	Line (51)	Line (48) + Line (49) + Line (50)
	Column (am):	Sum of Columns (a) through (al)

		Year 33 Y/E 3/31/2048 (ag)	Year 34 Y/E 3/31/2049 (ah)	Year 35 Y/E 3/31/2050 (ai)	Year 36 Y/E 3/31/2051 (aj)
(1) YEAR 1 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(2) YEAR 1 BUILD	Market Value	\$0	\$0	\$0	\$0
(3) YEAR 1 BUILD	Net Cost	\$0	\$0	\$0	\$0
(4) YEAR 2 BUILD	PBI Payments	\$0		\$0	\$0
(5) YEAR 2 BUILD	Market Value	\$0		\$0	\$0
(6) YEAR 2 BUILD	Net Cost	\$0		\$0	\$0
(7) YEAR 3 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(8) YEAR 3 BUILD	Market Value	\$0	\$0	\$0	\$0
(9) YEAR 3 BUILD	Net Cost	\$0	\$0	\$0	\$0
(10) YEAR 4 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(11) YEAR 4 BUILD	Market Value	\$0	\$0	\$0	\$0
(12) YEAR 4 BUILD	Net Cost	\$0	\$0	\$0	\$0
(13) YEAR 5 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(14) YEAR 5 BUILD	Market Value	\$0	\$0	\$0	\$0
(15) YEAR 5 BUILD	Net Cost	\$0	\$0	\$0	\$0
(16) YEAR 6 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(17) YEAR 6 BUILD	Market Value	\$0	\$0	\$0	\$0
(18) YEAR 6 BUILD	Net Cost	\$0	\$0	\$0	\$0
(19) YEAR 7 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(20) YEAR 7 BUILD	Market Value	\$0	\$0	\$0	\$0
(21) YEAR 7 BUILD	Net Cost	\$0	\$0	\$0	\$0
(22) YEAR 8 BUILD	PBI Payments	\$0	\$0	\$0	\$0
(23) YEAR 8 BUILD	Market Value	\$0	\$0	\$0	\$0
(24) YEAR 8 BUILD	Net Cost	\$0	\$0	\$0	\$0
(25) YEAR 9 BUILD (26) YEAR 9 BUILD (27) YEAR 9 BUILD	PBI Payments Market Value Net Cost	\$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$0
(28) YEAR 10 BUILD	PBI Payments	\$9,455,719	\$0	\$0	\$0
(29) YEAR 10 BUILD	Market Value	\$3,766,047	\$0	\$0	\$0
(30) YEAR 10 BUILD	Net Cost	\$5,689,673	\$0	\$0	\$0
(31) YEAR 11 BUILD	PBI Payments	\$22,203,184	\$11,101,592	\$0	\$0
(32) YEAR 11 BUILD	Market Value	\$9,266,847	\$4,633,423	\$0	\$0
(33) YEAR 11 BUILD	Net Cost	\$12,936,337	\$6,468,169	\$0	\$0
(34) YEAR 12 BUILD	PBI Payments	\$43,664,746	\$29,109,830	\$14,554,915	\$0
(35) YEAR 12 BUILD	Market Value	\$19,104,530	\$12,736,353	\$6,368,177	\$0
(36) YEAR 12 BUILD	Net Cost	\$24,560,216	\$16,373,477	\$8,186,739	\$0
(37) YEAR 13 BUILD(38) YEAR 13 BUILD(39) YEAR 13 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$6,277,052	\$3,138,526
	Market Value	\$4,119,575	\$4,119,575	\$2,746,383	\$1,373,192
	Net Cost	\$5,296,003	\$5,296,003	\$3,530,669	\$1,765,334
(40) YEAR 14 BUILD(41) YEAR 14 BUILD(42) YEAR 14 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$6,277,052
	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$2,746,383
	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$3,530,669
(43) YEAR 15 BUILD	PBI Payments	\$9,415,579	\$9,415,579	\$9,415,579	\$9,415,579
(44) YEAR 15 BUILD	Market Value	\$4,119,575	\$4,119,575	\$4,119,575	\$4,119,575
(45) YEAR 15 BUILD	Net Cost	\$5,296,003	\$5,296,003	\$5,296,003	\$5,296,003
(46) TOTAL	PBI Payments	\$103,570,384	\$68,458,158	\$39,663,125	\$18,831,157
(47) TOTAL	Market Value	\$44,496,149	\$29,728,502	\$17,353,710	\$8,239,150
(48) TOTAL	Net Cost	\$59,074,236	\$38,729,656	\$22,309,414	\$10,592,007
(49) Admin/Metering Costs		\$2,366,875	\$1,551,747	\$893,851	\$424,380
(50) Estimated Remuneration	F	\$0	\$0	\$0	\$0
(51) Total Estimated RE Growth P	rogram expense	\$61,441,110	\$40,281,402	\$23,203,266	\$11,016,387

Column	and	Line	Notes:

Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3, Line (16)
Column (b):	Actual Yr 2 costs per Docket 4707 Schedule ASC-3, Page 3, Line (22)
Column (c):	Actual Yr 3 costs per Docket 4847 Schedule NG-3 Revised, Page 3, Line (25)
Column (d):	Actual Yr 4 costs per Docket 4954 Schedule NG-3, Page 3, Line (23)
Column (e):	Actual Yr 5 costs per Docket 5039 Schedule NG-3 Compliance, Page 1, Line (2)(c)
Column (f)	Actual Yr 6 costs as per Docket No. 5164, Schedule NG-3, Page 3, Column (c)
Column (g)	Actual Yr 7 costs as per Docket No. 22-04-REG, Schedule NECO-3 Page 3, Column (c)
Column (h)	Actual Yr 8 costs as per Docket No. 23-24-REG, Schedule NECO-3 Page 3, Column (c)
Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule NECO-2 Page 1, Line (1)(a)
Lines (1) through (45) and (50)	Estimates based on estimated build in each year pages 11
Columns (j) through (al):	through 25
Line (49) Columns (i) through (al):	Estimates based on change in net cost in each year
(ai): Line (50)	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On
Line (50)	and after April 1, 2023: \$0
Line (51)	Line (48) + Line (49) + Line (50)
Column (am):	Sum of Columns (a) through (al)
` ′	

	Year 37 Y/E 3/31/2052	Year 38 Y/E 3/31/2053	Cumulative Cost
	(ak)	(al)	(am)
(1) YEAR 1 BUILD PBI Payments (2) YEAR 1 BUILD Market Value	\$0 \$0		\$133,701,336 \$45,942,165
(3) YEAR I BUILD Net Cost	\$0		\$87,759,171
(5) 1231(125125		40	901,133,111
(4) YEAR 2 BUILD PBI Payments	\$0		\$93,022,704
(5) YEAR 2 BUILD Market Value	\$0		\$31,841,515
(6) YEAR 2 BUILD Net Cost	\$0	\$0	\$61,181,189
(7) YEAR 3 BUILD PBI Payments	\$0	\$0	\$155,176,871
(8) YEAR 3 BUILD Market Value	\$0		\$55,811,843
(9) YEAR 3 BUILD Net Cost	\$0	\$0	\$99,365,028
(10) YEAR 4 BUILD PBI Payments (11) YEAR 4 BUILD Market Value	\$0 \$0		\$129,112,654 \$46,711,329
(12) YEAR 4 BUILD Net Cost	\$0		\$82,401,325
. /			,.,.
(13) YEAR 5 BUILD PBI Payments	\$0		\$155,891,750
(14) YEAR 5 BUILD Market Value	\$0		\$57,717,470
(15) YEAR 5 BUILD Net Cost	\$0	\$0	\$98,174,280
(16) YEAR 6 BUILD PBI Payments	\$0	\$0	\$132,983,080
(17) YEAR 6 BUILD Market Value	\$0		\$49,865,506
(18) YEAR 6 BUILD Net Cost	\$0	\$0	\$83,117,575
(40) HEAD SPINIS			04.50.500.000
(19) YEAR 7 BUILD PBI Payments (20) YEAR 7 BUILD Market Value	\$0 \$0		\$169,683,009 \$63,814,526
(21) YEAR 7 BUILD Net Cost	\$0		\$105,868,483
			, ,
(22) YEAR 8 BUILD PBI Payments	\$0		\$85,874,748
(23) YEAR 8 BUILD Market Value	\$0		\$24,733,397
(24) YEAR 8 BUILD Net Cost	\$0	\$0	\$61,141,351
(25) YEAR 9 BUILD PBI Payments	\$0	\$0	\$34,230,498
(26) YEAR 9 BUILD Market Value	\$0	\$0	\$16,808,822
(27) YEAR 9 BUILD Net Cost	\$0	\$0	\$17,421,676
(28) YEAR 10 BUILD PBI Payments	\$0	\$0	\$624,077,467
(29) YEAR 10 BUILD FBI Payments (29) YEAR 10 BUILD Market Value	\$0		\$248,559,078
(30) YEAR 10 BUILD Net Cost	\$0		\$375,518,389
(31) YEAR 11 BUILD PBI Payments	\$0		\$732,705,059
(32) YEAR 11 BUILD Market Value (33) YEAR 11 BUILD Net Cost	\$0 \$0		\$305,805,938 \$426,899,121
(33) TEAR IT BOILD Net Cost	30	30	3420,099,121
(34) YEAR 12 BUILD PBI Payments	\$0	\$0	\$960,624,403
(35) YEAR 12 BUILD Market Value	\$0		\$420,299,656
(36) YEAR 12 BUILD Net Cost	\$0	\$0	\$540,324,747
(37) YEAR 13 BUILD PBI Payments	\$0	\$0	\$207,142,728
(38) YEAR 13 BUILD Market Value	\$0		\$90,630,654
(39) YEAR 13 BUILD Net Cost	\$0	\$0	\$116,512,075
(40) YEAR 14 BUILD PBI Payments	\$3,138,526	\$0 \$0	\$207,142,728
(41) YEAR 14 BUILD Market Value (42) YEAR 14 BUILD Net Cost	\$1,373,192 \$1,765,334	\$0 \$0	\$90,630,654 \$116,512,075
(12) 12:11(11:2012)	9137003001	40	\$110,512,075
(43) YEAR 15 BUILD PBI Payments	\$6,277,052	\$3,138,526	\$207,142,728
(44) YEAR 15 BUILD Market Value	\$2,746,383	\$1,373,192	\$90,630,654
(45) YEAR 15 BUILD Net Cost	\$3,530,669	\$1,765,334	\$116,512,075
(46) TOTAL PBI Payments	\$9,415,579	\$3,138,526	\$4,028,511,765
(47) TOTAL Market Value	\$4,119,575	\$1,373,192	\$1,639,803,206
(48) TOTAL Net Cost	\$5,296,003	\$1,765,334	\$2,388,708,559
(40) 41 : 44 : - C :	0010.100	g=0 =00	604.025.22
(49) Admin/Metering Costs	\$212,190	\$70,730	\$94,926,327
(50) Estimated Remuneration	\$0	\$0	\$2,476,110
(51) Total Estimated RE Growth Program Expense	\$5,508,194	\$1,836,065	\$2,486,110,997

Column and Line Notes:

Column (a):	Actual Yr 1 costs per Docket 4626, Schedule NG-3, Page 3, Line (16)
Column (b):	$eq:Actual Yr 2 costs per Docket 4707 Schedule ASC-3, Page 3, \\ Line (22)$
Column (c):	Actual Yr 3 costs per Docket 4847 Schedule NG-3 Revised, Page 3, Line (25)
Column (d):	Actual Yr 4 costs per Docket 4954 Schedule NG-3, Page 3, Line (23)
Column (e):	Actual Yr 5 costs per Docket 5039 Schedule NG-3 Compliance, Page 1, Line (2)(c)
Column (f)	Actual Yr 6 costs as per Docket No. 5164, Schedule NG-3, Page 3, Column (c)
Column (g)	Actual Yr 7 costs as per Docket No. 22-04-REG, Schedule NECO-3 Page 3, Column (c)
Column (h)	Actual Yr 8 costs as per Docket No. 23-24-REG, Schedule NECO-3 Page 3, Column (c)
Column (i)	Estimated Yr 9 costs as per Docket No. 23-24-REG, Schedule NECO-2 Page 1, Line (1)(a)
Lines (1) through (45) and (50) Columns (j) through (al):	Estimates based on estimated build in each year pages 11 through 25
Line (49) Columns (i) through (al):	Estimates based on change in net cost in each year
Line (50)	Prior to April 1, 2023: Equal to 1.75% of PBI Payments; On and after April 1, 2023: \$0
Line (51)	Line (48) + Line (49) + Line (50)
Column (am):	Sum of Columns (a) through (al)

Estimated

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Initial Program Year through March 31, 2016

Estimated

Section 1: Estimated Annual Performance-Based Incentive Payments

<u>Unit</u>		Unit	Unit Availability	Program Year	Tariff Price	Program Year
		Capacity (kW)	Factor	Output (kWh)	(\$ per kWh)	Cost
		(a)	(b)	(c)	(d)	(e)
(I) 0 H0 L0 L1 L0 - 10015 P. V. F. H. 15V. T. W.		2.260.0	120/	2 204 122	60 4125	6005.024
 Small Scale Solar I - Operational 2015 Program Year Enrollees - 15 Year Tariff 		2,268.0	12%	2,384,122	\$0.4135	\$985,834
 Small Scale Solar I - Operational 2015 Program Year Enrollees - 20 Year Tariff 		336.0	12%	353,203	\$0.3775	\$133,334
 Small Scale Solar II - Operational 2015 Program Year Enrollees - 20 Year Tariff 		15.0	12%	15,768	\$0.2980	\$4,699
(4) Medium-Scale Solar - Operational 2015 Program Year Enrollees - 20 year Tariff		2,206.0	12%	2,318,947	\$0.2440	\$565,823
 Commerical Scale Solar - Operational 2015 Program Year Enrollees - 20 year Tariff 		4,131.0	12%	4,342,507	\$0.1890	\$820,734
(6) Large-Scale Solar - Operational 2015 Program Year Enrollees - 20 year Tariff		7,960.0	12%	8,367,552	\$0.1625	\$1,359,727
(7) Wind I (1.5 MW to 2.99 MW) with No Federal Tax Incentives - Operational 2015 Program Year	Enrollees - 20 year Tariff	1,500.0	19%	2,496,600	\$0.2275	\$567,977
(8) Wind II (3.0 MW to 5.0 MW) with No Federal Tax Incentives - Operational 2015 Program Year	Enrollees - 20 year Tariff	6,000.0	19%	9,986,400	\$0.1824	\$1,821,519
(9)	Total	24,416.0		30,265,099		\$6,259,647

Section 2: Estimated Market Value

		Estimated	Market	Energy	PEG.	REC	Total Market	
G1		kWh Purchased Under Tariffs	Energy	Market	REC	Market		
Class			Proxy	Value	Proxy	Value	Value	
		(f)	(g)	(h)	(i)	(j)	(k)	
(10) Small Scale Solar I - Operational 2015 Program Year Enrollees - 15 Year Tariff		2,384,122			\$0.0394	\$93,911	\$93,911	
(11) Small Scale Solar I - Operational 2015 Program Year Enrollees - 20 Year Tariff		353,203			\$0.0394	\$13,913	\$13,913	
(12) Small Scale Solar II - Operational 2015 Program Year Enrollees - 20 Year Tariff		15,768			\$0.0394	\$621	\$621	
(13) Medium-Scale Solar - Operational 2015 Program Year Enrollees - 20 year Tariff		2,318,947	\$0.0581	\$134,615	\$0.0394	\$91,343	\$225,958	
(14) Commerical Scale Solar - Operational 2015 Program Year Enrollees - 20 year Tariff		4,342,507	\$0.0581	\$252,083	\$0.0394	\$171,051	\$423,134	
(15) Large-Scale Solar - Operational 2015 Program Year Enrollees - 20 year Tariff		8,367,552	\$0.0581	\$485,736	\$0.0394	\$329,598	\$815,334	
(16) Wind I (1.5 MW to 2.99 MW) with No Federal Tax Incentives - Operational 2015 Program Year	Enrollees - 20 year Tariff	2,496,600	\$0.0681	\$169,919	\$0.0394	\$98,341	\$268,260	
(17) Wind II (3.0 MW to 5.0 MW) with No Federal Tax Incentives - Operational 2015 Program Year	Enrollees - 20 year Tariff	9,986,400	\$0.0681	\$679,674	\$0.0394	\$393,364	\$1,073,039	
(18)	Total	30,265,099		\$1,722,027		\$1,192,142	\$2,914,169	

	Net Cost
	(1)
(19) Small Scale Solar I - Operational 2015 Program Year Enrollees - 15 Year Tariff	\$891,924
(20) Small Scale Solar I - Operational 2015 Program Year Enrollees - 20 Year Tariff	\$119,422
(21) Small Scale Solar II - Operational 2015 Program Year Enrollees - 20 Year Tariff	\$4,078
(22) Medium-Scale Solar - Operational 2015 Program Year Enrollees - 20 year Tariff	\$339,865
(23) Commerical Scale Solar - Operational 2015 Program Year Enrollees - 20 year Tariff	\$397,600
(24) Large-Scale Solar - Operational 2015 Program Year Enrollees - 20 year Tariff	\$544,393
(25) Wind I (1.5 MW to 2.99 MW) with No Federal Tax Incentives - Operational 2015 Program Year Enrollees - 20 year Tariff	\$299,717
(26) Wind II (3.0 MW to 5.0 MW) with No Federal Tax Incentives - Operational 2015 Program Year Enrollees - 20 year Tariff	\$748,481
(27) Total Estimated Above (Below) Market Cost	\$3,345,478

- Column Descriptions:

 (a) estimated
 (b) estimated
 (c) column (a) x column (b) x 8,760 hours
 (d) per current tariff
 (e) column (c) x column (d)
 (f) per column (c)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

- (h) column (f) x column (g)
 (i) REC Proxy based on recent market information
 (j) column (f) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

\$2,899,218

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Second Program Year through March 31, 2017

Section 1: Estimated Annual Performance-Based Incentive Payments

	Section 1: Estimated Annual Performance-Based Incentive Payments							
	Unit		Unit <u>Capacity (kW)</u> (a)	Unit Availability Factor (b)	Estimated Program Year <u>Output (kWh)</u> (c)	Tariff Price (\$ per kWh) (d)	Estimated Program Year <u>Cost</u> (e)	
(2) (3) (4) (5)	Medium-Scale Solar (including ITC/PTC & Bonus Depreciation) - Operational 2016 Program Year Enrollees - 20 year Tariff Commercial-Scale Solar (including ITC/PTC & Bonus Depreciation) - Operational 2016 Program Year Enrollees - 20 year Tariff	Total	4,392.0 37.0 1,053.0 37.0 12.0 2,491.0 15,445.0	12% 12% 12% 12% 12% 12% 12%	4,616,870 38,894 1,106,914 38,894 12,614 2,618,539 7,803,058	\$0.3765 \$0.4142 \$0.3345 \$0.2490 \$0.2739 \$0.2255 \$0.1814	\$1,738,252 \$16,110 \$370,263 \$9,685 \$3,455 \$590,481 \$1,415,475 \$4,143,719	
	Section 2: Estimated Market Value							
	<u>Class</u>		Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC Proxy (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(10 (11 (12 (13 (14	Small Scale Solar I - Operational 2016 Program Year Enrollees - 15 Year Tariff Small Scale Solar I - Operational 2016 Program Year Enrollees - 15 Year Tariff - SolarWise Small Scale Solar I - Operational 2016 Program Year Enrollees - 20 Year Tariff Small Scale Solar II - Operational 2016 Program Year Enrollees - 20 Year Tariff Small Scale Solar II - Operational 2016 Program Year Enrollees - 20 Year Tariff Small Scale Solar II - Operational 2016 Program Year Enrollees - 20 Year Tariff - Solarwise Medium-Scale Solar (including ITC/PTC & Bonus Depreciation) - Operational 2016 Program Year Enrollees - 20 year Tariff Commercial-Scale Solar (including ITC/PTC & Bonus Depreciation) - Operational 2016 Program Year Enrollees - 20 year Tariff		4,616,870 38,894 1,106,914 38,894 12,614 2,618,539 7,803,058	\$0.0581 \$0.0581	\$152,006 <u>\$452,967</u>	\$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394	\$181,859 \$1,532 \$43,601 \$1,532 \$497 \$103,144 \$307,362	\$181,859 \$1,532 \$43,601 \$1,532 \$497 \$255,150 \$760,330
(16		Total	16,235,784		\$604,974		\$639,528	\$1,244,501
	Section 3: Estimated Net Cost							Estimated Net Cost (I)
(18 (19 (20 (21 (22) Small Scale Solar I - Operational 2016 Program Year Enrollees - 15 Year Tariff) Small Scale Solar I - Operational 2016 Program Year Enrollees - 15 Year Tariff - SolarWise) Small Scale Solar I - Operational 2016 Program Year Enrollees - 20 Year Tariff) Small Scale Solar I - Operational 2016 Program Year Enrollees - 20 Year Tariff) Small Scale Solar II - Operational 2016 Program Year Enrollees - 20 Year Tariff - Solarwise) Small Scale Solar II - Operational 2016 Program Year Enrollees - 20 Year Tariff - Solarwise) Medium-Scale Solar (including ITC/PTC & Bonus Depreciation) - Operational 2016 Program Year Enrollees - 20 year Tariff) Commercial-Scale Solar (including ITC/PTC & Bonus Depreciation) - Operational 2016 Program Year Enrollees - 20 year Tariff							\$1,556,393 \$14,578 \$326,661 \$8,153 \$2,958 \$335,330 \$655,145

(24) Total Estimated Above (Below) Market Cost

- Column Descriptions:
 (a) estimated
 (b) estimated
 (c) column (a) x column (b) x 8,760 hours
 (d) per current tariff
 (e) column (c) x column (d)
 (f) per current tariff
 (e) column (c) x column (c)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

- (h) column (f) x column (g)
 (i) REC Proxy based on recent market information
 (j) column (h) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Third Program Year through March 31, 2018

Section 1: Estimated	Annual Performance-Based	Incentive Payments

	Unit	Unit <u>Capacity (kW)</u> (a)		Unit Availability <u>Factor</u> (b)	Estimated Program Year Output (kWh) (c)	Tariff Price (\$ per kWh) (d)	Estimated Program Year <u>Cost</u> (e)
(1)	Small Scale Solar II - Non-Operational 2017 Program Year Enrollees - 20 Year Tariff		104.0	12%	109,325	\$0.2775	\$30,338
(2)	Small Scale Solar I - Operational 2017 Program Year Enrollees - 15 Year Tariff		4,603.0	12%	4,838,674	\$0.3475	\$1,681,439
(3)	Small Scale Solar I - Operational 2017 Program Year Enrollees - 15 Year Tariff - SolarWise		5.0	12%	5,256	\$0.3649	\$1,918
(4)	Small Scale Solar I - Operational 2017 Program Year Enrollees - 20 Year Tariff		668.0	12%	702,202	\$0.3085	\$216,629
(5)	Small Scale Solar II - Operational 2017 Program Year Enrollees - 20 Year Tariff		93.0	12%	97,762	\$0.2775	\$27,129
(6)	Small Scale Shared Solar I - Operational 2017 Program Year Enrollees - 15 Year Tariff		54.0	12%	56,765	\$0.3475	\$19,726
(7)	Small Scale Shared Solar I - Operational 2017 Program Year Enrollees - 20 Year Tariff		5.0	12%	5,256	\$0.3085	\$1,621
(8)	Medium-Scale Solar - Operational 2017 Program Year Enrollees - 20 year Tariff		2,592.0	12%	2,724,710	\$0.2275	\$619,872
(9)	Commercial-Scale Solar - Operational 2017 Program Year Enrollees - 20 year Tariff		3,930.0	12%	4,131,216	\$0.1741	\$719,245
(10)	Commercial-Scale Solar - CRDG - Operational 2017 Program Year Enrollees - 20 year Tariff		3,990.0	12%	4,194,288	\$0.4110	\$1,723,852
(11)	Large-Scale Solar - Operational 2017 Program Year Enrollees - 20 year Tariff		9,658.0	12%	10,152,490	\$0.1361	\$1,381,754
(12)	Large-Scale Solar - CRDG - Operational 2017 Program Year Enrollees - 20 year Tariff		3,000.0	12%	3,153,600	\$0.1650	<u>\$520,344</u>
(13)		Total	8,702.0		30,171,542		\$6,943,866

Section 2: Estimated Market Value

Class	Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC <u>Proxy</u> (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(14) Small Scale Solar II - Non-Operational 2017 Program Year Enrollees - 20 Year Tariff	109,32	5		\$0.0394	\$4,306	\$4,306
(15) Small Scale Solar I - Operational 2017 Program Year Enrollees - 15 Year Tariff	4,838,67	1		\$0.0394	\$190,595	\$190,595
(16) Small Scale Solar I - Operational 2017 Program Year Enrollees - 15 Year Tariff - SolarWise	5,25	5		\$0.0394	\$207	\$207
(17) Small Scale Solar I - Operational 2017 Program Year Enrollees - 20 Year Tariff	702,20	2		\$0.0394	\$27,660	\$27,660
(18) Small Scale Solar II - Operational 2017 Program Year Enrollees - 20 Year Tariff	97,76	2		\$0.0394	\$3,851	\$3,851
(19) Small Scale Shared Solar I - Operational 2017 Program Year Enrollees - 15 Year Tariff	56,76	5		\$0.0394	\$2,236	\$2,236
(20) Small Scale Shared Solar I - Operational 2017 Program Year Enrollees - 20 Year Tariff	5,25	5		\$0.0394	\$207	\$207
(21) Medium-Scale Solar - Operational 2017 Program Year Enrollees - 20 year Tariff	2,724,71	\$0.0581	\$158,169	\$0.0394	\$107,326	\$265,496
(22) Commercial-Scale Solar - Operational 2017 Program Year Enrollees - 20 year Tariff	4,131,21	\$0.0581	\$239,817	\$0.0394	\$162,729	\$402,546
(23) Commercial-Scale Solar - CRDG - Operational 2017 Program Year Enrollees - 20 year Tariff	4,194,28	80.0581	\$243,478	\$0.0394	\$165,213	\$408,691
(24) Large-Scale Solar - Operational 2017 Program Year Enrollees - 20 year Tariff	10,152,49	\$0.0581	\$589,352	\$0.0394	\$399,907	\$989,259
(25) Large-Scale Solar - CRDG - Operational 2017 Program Year Enrollees - 20 year Tariff	3,153,60	<u>\$0.0581</u>	<u>\$183,066</u>	\$0.0394	<u>\$124,220</u>	<u>\$307,287</u>
(26)	Total 30,171,54	2	\$1,413,883		\$1,188,457	\$2,602,341

	Esumateu
	Net Cost
	(1)
(27) Small Scale Solar II - Non-Operational 2017 Program Year Enrollees - 20 Year Tariff	\$26,031
(28) Small Scale Solar I - Operational 2017 Program Year Enrollees - 15 Year Tariff	\$1,490,844
(29) Small Scale Solar I - Operational 2017 Program Year Enrollees - 15 Year Tariff - SolarWise	\$1,711
(30) Small Scale Solar I - Operational 2017 Program Year Enrollees - 20 Year Tariff	\$188,969
(31) Small Scale Solar II - Operational 2017 Program Year Enrollees - 20 Year Tariff	\$23,278
(32) Small Scale Shared Solar I - Operational 2017 Program Year Enrollees - 15 Year Tariff	\$17,490
(33) Small Scale Shared Solar I - Operational 2017 Program Year Enrollees - 20 Year Tariff	\$1,414
(34) Medium-Scale Solar - Operational 2017 Program Year Enrollees - 20 year Tariff	\$354,376
(35) Commercial-Scale Solar - Operational 2017 Program Year Enrollees - 20 year Tariff	\$316,699
(36) Commercial-Scale Solar - CRDG - Operational 2017 Program Year Enrollees - 20 year Tariff	\$1,315,161
(37) Large-Scale Solar - Operational 2017 Program Year Enrollees - 20 year Tariff	\$392,495
(38) Large-Scale Solar - CRDG - Operational 2017 Program Year Enrollees - 20 year Tarriff	<u>\$213,057</u>
(39) Total Estimated Above (Below) Market Cost	\$4,341,526

- Column Descriptions:
 (a) estimated
 (b) estimated
 (c) column (a) x column (b) x 8,760 hours
 (d) per current tariff
 (e) column (c) x column (d)
 (f) per column (c)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

- (h) column (f) x column (g)

 (i) REC Proxy based on recent market information
 (j) column (f) x column (i)
 (k) column (h)+ column (j)
 (l) column (e) column (k)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Fourth Program Year through March 31, 2019

Section 1: Estimated Annual Performance-Based Incentive Payments <u>Unit</u>	Unit <u>Capacity (kW)</u> (a)	Unit Availability Factor (b)	Estimated Program Year <u>Output (kWh)</u> (c)	Tariff Price (\$ per kWh) (d)	Estimated Program Year <u>Cost</u> (e)
(1) Small Scale Solar I - Operational 2018 Program Year Enrollees - 15 Year Tariff	4,668.0	12%	4,907,002	\$0.3225	\$1,582,508
(2) Small Scale Solar I - Operational 2018 Program Year Enrollees - 20 Year Tariff	333.0	12%	350,050	\$0.2855	\$99,939
(3) Small Scale Solar II - Operational 2018 Program Year Enrollees - 20 Year Tariff	419.0	12%	440,453	\$0.2945	\$129,713
(4) Small Scale Shared Solar I - Operational 2018 Program Year Enrollees - 15 Year Tariff	31.0	12%	32,587	\$0.3225	\$10,509
(5) Small Scale Shared Solar II - Operational 2018 Program Year Enrollees - 20 Year Tariff	36.0	12%	37,843	\$0.2945	\$11,145
(6) Wind II (3.0 MW to 5.0 MW) with No Federal Tax Incentives - Operational 2018 Program Year Enrollees - 20 year Tariff	6,000.0	19%	9,986,400	\$0.1755	\$1,752,613
(7) Medium-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff	2,436.0	12%	2,560,723	\$0.2816	\$721,100
(8) Commercial-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff	3,173.0	12%	3,335,458	\$0.1745	\$582,037
(9) Large-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff	2,930.0	12%	3,080,016	\$0.1475	\$454,302
(10) Large-Scale Solar - CRDG - Operational 2018 Program Year Enrollees - 20 year Tariff	1,199.0	12%	1,260,389	\$0.1850	\$233,172
(11)	Total 21,225.0		25,990,920		\$5,577,039

Section 2: Estimated Market Value

	Estimated kWh Purchased	Market	Energy Market	REC	REC Market	Total Market
Class	Under Tariffs	Energy	<u>Value</u>	Proxy	<u>Value</u>	
Class	(f)	Proxy (g)	(h)	(i)	(j)	Value (k)
	(1)	(8)	(11)	(1)	0)	(A)
(12) Small Scale Solar I - Operational 2018 Program Year Enrollees - 15 Year Tariff	4,907,002			\$0.0394	\$193,287	\$193,287
(13) Small Scale Solar I - Operational 2018 Program Year Enrollees - 20 Year Tariff	350,050			\$0.0394	\$13,788	\$13,788
(14) Small Scale Solar II - Operational 2018 Program Year Enrollees - 20 Year Tariff	440,453			\$0.0394	\$17,349	\$17,349
(15) Small Scale Shared Solar I - Operational 2018 Program Year Enrollees - 15 Year Tariff	32,587			\$0.0394	\$1,284	\$1,284
(16) Small Scale Shared Solar II - Operational 2018 Program Year Enrollees - 20 Year Tariff	37,843			\$0.0394	\$1,491	\$1,491
(17) Wind II (3.0 MW to 5.0 MW) with No Federal Tax Incentives - Operational 2018 Program Year Enrollees - 20 year Tariff	9,986,400	\$0.0681	\$679,674	\$0.0394	\$393,364	\$1,073,039
(18) Medium-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff	2,560,723	\$0.0581	\$148,650	\$0.0394	\$100,867	\$249,517
(19) Commercial-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff	3,335,458	\$0.0581	\$193,623	\$0.0394	\$131,384	\$325,007
(20) Large-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff	3,080,016	\$0.0581	\$178,795	\$0.0394	\$121,322	\$300,117
(21) Large-Scale Solar - CRDG - Operational 2018 Program Year Enrollees - 20 year Tariff	1,260,389	\$0.0581	<u>\$73,166</u>	\$0.0394	<u>\$49,647</u>	<u>\$122,812</u>
(22) T	otal 25,990,920		\$1,273,908		\$1,023,782	\$2,297,691

	Estimated Net Cost (1)
(23) Small Scale Solar 1 - Operational 2018 Program Year Enrollees - 15 Year Tariff (24) Small Scale Solar 1 - Operational 2018 Program Year Enrollees - 20 Year Tariff (25) Small Scale Solar 1 - Operational 2018 Program Year Enrollees - 20 Year Tariff (26) Small Scale Shared Solar 1 - Operational 2018 Program Year Enrollees - 15 Year Tariff (27) Small Scale Shared Solar 1 - Operational 2018 Program Year Enrollees - 15 Year Tariff (28) Wind II (3.0 MW to 5.0 MW) with No Federal Tax Incentives - Operational 2018 Program Year Enrollees - 20 year Tariff (39) Medium-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff (30) Commercial-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff (31) Large-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff (32) Large-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff (33) Large-Scale Solar - Operational 2018 Program Year Enrollees - 20 year Tariff	\$1,389,221 \$86,151 \$112,364 \$9,226 \$9,654 \$679,575 \$471,583 \$257,030 \$154,186 \$110,560
(33) Total Estimated Above (Below) Market Cost	\$3,279,349

- Column Descriptions:
 (a) estimated
 (b) estimated
 (c) column (a) x column (b) x 8,760 hours
 (d) per current tariff
 (e) column (c) x column (d)
 (f) per current tariff
 (e) dolumn (c) x column (d)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

- (h) column (f) x column (g)
 (i) REC Proxy based on recent market information
 (j) column (f) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Fifth Program Year through March 31, 2020

Section 1: Estimated Annual Performance-Based Incentive Payments

			Estimated		Estimated
	Unit	Unit Availability	Program Year	Tariff Price	Program Year
<u>Unit</u>	Capacity (kW)	Factor	Output (kWh)	(\$ per kWh)	Cost
	(a)	(b)	(c)	(d)	(e)
(1) Small Scale Solar II - Non-Operational 2019 Program Year Enrollees - 20 Year Tariff	20.0	12%	21.024	\$0.2765	\$5,813
(2) Small Scale Solar I - Non-Operational 2019 Program Year Enrollees - 15 Year Tariff	118.0	12%	124,042	\$0.2845	\$35,290
(3) Small Scale Solar I - Non-Operational 2019 Program Year Enrollees - 20 Year Tariff	15.0	12%	15,768	\$0.2495	\$3,934
(4) Small Scale Solar II - Operational 2019 Program Year Enrollees - 20 Year Tariff	682.0	12%	716,918	\$0.2765	\$198,228
(5) Small Scale Solar II - Operational 2019 Shared Solar Program Year Enrollees - 20 Year Tariff	19.0	12%	19,973	\$0.2355	\$4,704
(6) Small Scale Solar I - Operational 2019 Program Year Enrollees - 15 Year Tariff	3,345.0	12%	3,516,264	\$0.2845	\$1,000,377
(7) Small Scale Solar I - Operational 2019 Program Year Enrollees - 20 Year Tariff	191.0	12%	200,779	\$0.2495	\$50,094
(8) Small Scale Solar I - Operational 2019 Shared Solar Program Year Enrollees - 15 Year Tariff	54.0	12%	56,765	\$0.2845	\$16,150
(9) Wind I (1,000-2,999 kW) with No Federal Tax Incentives - Operational 2019 Program Year Enrollees - 20 year Tariff	1,500.0	19%	2,496,600	\$0.1934	\$482,842
(10) Wind II (3.0 MW to 5.0 MW) with No Federal Tax Incentives - Operational 2019 Program Year Enrollees - 20 year Tariff	3,000.0	19%	4,993,200	\$0.1934	\$965,685
(11) Medium-Scale Solar - Operational 2019 Program Year Enrollees - 20 year Tariff	6,328.0	12%	6,651,994	\$0.2490	\$1,656,346
(12) Commercial-Scale Solar - Operational 2019 Program Year Enrollees - 20 year Tariff	9,646.0	12%	10,139,875	\$0.1713	\$1,736,961
(13) Commercial-Scale Solar - CRDG - Operational 2019 Program Year Enrollees - 20 year Tariff	458.0	12%	481,450	\$0.1800	\$86,661
(14) Large-Scale Solar - Non-Operational 2019 Program Year Enrollees - 20 year Tariff	355.0	12%	373,176	\$0.1499	\$55,939
(15) Large-Scale Solar - CRDG - (1.0MW to 5.0MW DC) - Non-Operational 2019 Program Year Enrollees - 20 year Tariff	3,393.0	12%	3,566,722	\$0.1287	\$459,037
(16) To	tal 29,124.0		33,374,549		\$6,758,061

Section 2: Estimated Market Value

Class		Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC Proxy (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)	
(17) Small Scale Solar II - Non-Operational 2019 Program Year Enrollees - 20 Year Tariff (18) Small Scale Solar I - Non-Operational 2019 Program Year Enrollees - 15 Year Tariff (20) Small Scale Solar I - Non-Operational 2019 Program Year Enrollees - 20 Year Tariff (20) Small Scale Solar II - Operational 2019 Program Year Enrollees - 20 Year Tariff (21) Small Scale Solar II - Operational 2019 Shared Solar Program Year Enrollees - 20 Year Tariff (22) Small Scale Solar II - Operational 2019 Program Year Enrollees - 15 Year Tariff (23) Small Scale Solar I - Operational 2019 Program Year Enrollees - 15 Year Tariff (24) Small Scale Solar I - Operational 2019 Program Year Enrollees - 15 Year Tariff (25) Wind I (1,000-2.999 kW) with No Federal Tax Incentives - Operational 2019 Program Year Enrollees - 20 year Tariff (26) Wind II (1,00 WH 0.5 O, MW) with No Federal Tax Incentives - Operational 2019 Program Year Enrollees - 20 year Tariff (27) Commercial-Scale Solar - Operational 2019 Program Year Enrollees - 20 year Tariff (28) Commercial-Scale Solar - CRDG - Operational 2019 Program Year Enrollees - 20 year Tariff (29) Commercial-Scale Solar - CRDG - Operational 2019 Program Year Enrollees - 20 year Tariff (30) Large-Scale Solar - Non-Operational 2019 Program Year Enrollees - 20 year Tariff (31) Large-Scale Solar - CRDG - (1.0MW to 5.0MW DC) - Non-Operational 2019 Program Year Enrollees - 20 year Tariff	Fariff (21,024 124,042 15,768 716,918 19,973 3,516,264 200,779 56,765 2,496,600 4,993,200 6,651,994 10,139,875 481,450 373,176 3,566,722	\$0.0681 \$0.0681 \$0.0581 \$0.0581 \$0.0581 \$0.0581	\$169,919 \$339,837 \$386,148 \$588,620 \$27,948 \$21,663 \$207,048	\$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394	\$828 \$4,886 \$621 \$28,239 \$787 \$138,506 \$7,909 \$2,236 \$98,341 \$196,682 \$262,022 \$399,410 \$18,964 \$14,699 \$140,493	\$828 \$4,886 \$621 \$28,239 \$787 \$138,506 \$7,909 \$2,236 \$268,260 \$536,519 \$648,170 \$988,029 \$46,912 \$36,362 \$34,912	
(32)	Total	33,374,549		\$1,741,183		\$1,314,623	\$3,055,806	

	Net Cost
	(1)
(33) Small Scale Solar II - Non-Operational 2019 Program Year Enrollees - 20 Year Tariff	\$4,985
(34) Small Scale Solar I - Non-Operational 2019 Program Year Enrollees - 15 Year Tariff	\$30,404
(35) Small Scale Solar I - Non-Operational 2019 Program Year Enrollees - 20 Year Tariff	\$3,313
(36) Small Scale Solar II - Operational 2019 Program Year Enrollees - 20 Year Tariff	\$169,989
(37) Small Scale Solar II - Operational 2019 Shared Solar Program Year Enrollees - 20 Year Tariff	\$3,917
(38) Small Scale Solar I - Operational 2019 Program Year Enrollees - 15 Year Tariff	\$861,871
(39) Small Scale Solar I - Operational 2019 Program Year Enrollees - 20 Year Tariff	\$42,186
(40) Small Scale Solar I - Operational 2019 Shared Solar Program Year Enrollees - 15 Year Tariff	\$13,914
(41) Wind I (1,000-2,999 kW) with No Federal Tax Incentives - Operational 2019 Program Year Enrollees - 20 year Tariff	\$214,583
(42) Wind II (3.0 MW to 5.0 MW) with No Federal Tax Incentives - Operational 2019 Program Year Enrollees - 20 year Tariff	\$429,166
(43) Medium-Scale Solar - Operational 2019 Program Year Enrollees - 20 year Tariff	\$1,008,176
(44) Commercial-Scale Solar - Operational 2019 Program Year Enrollees - 20 year Tariff	\$748,931
(45) Commercial-Scale Solar - CRDG - Operational 2019 Program Year Enrollees - 20 year Tariff	\$39,748
(46) Large-Scale Solar - Non-Operational 2019 Program Year Enrollees - 20 year Tariff	\$19,577
(47) Large-Scale Solar - CRDG - (1.0MW to 5.0MW DC) - Non-Operational 2019 Program Year Enrollees - 20 year Tariff	<u>\$111,496</u>
(48) Total Estimated Above (Below) Market Cost	\$3,702,255

- Column Descriptions:

 (a) estimated
 (b) estimated
 (c) column (a) x column (b) x 8,760 hours
 (d) per current tariff
 (e) column (a) x column (d)
 (f) per corrent tariff
 (e) column (c) x column (d)
 (f) per column (e)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

- (h) column (f) x column (g)
 (i) REC Proxy based on recent market information
 (j) column (f) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Sixth Program Year through March 31, 2021

Section 1: Estimated Annual Performance-Based Incentive Payments

	Section 1: Estimated Annual Performance-Based Incentive Payments					
				Estimated		Estimated
		Unit	Unit Availability	Program Year	Tariff Price	Program Year
	<u>Unit</u>	Capacity (kW)	Factor	Output (kWh)	(\$ per kWh)	Cost
		(a)	(b)	(c)	(d)	(e)
(1)	Small Scale Solar I - Non-Operational 2020 Program Year Enrollees - 15 Year Tariff	321.0	12%	337,435	\$0.2965	\$100,050
(2)	Small Scale Solar I - Non-Operational 2020 Program Year Enrollees - 20 Year Tariff	43.0	12%	45,202	\$0.2345	\$10,600
(3)	Small Scale Solar I - Non-Operational 2020 Shared Solar Program Year Enrollees - 15 Year Tariff	4.0	12%	4,205	\$0.2965	\$1,247
(4)	Small Scale Solar II - Operational 2020 Shared Solar Program Year Enrollees - 20 Year Tariff	10.0	12%	10,512	\$0.2345	\$2,465
(5)	Small Scale Solar I - Operational 2020 Program Year Enrollees - 15 Year Tariff	3,591.0	12%	3,774,859	\$0.2965	\$1,119,246
(6)	Small Scale Solar I - Operational 2020 Program Year Enrollees - 20 Year Tariff	359.0	12%	377,381	\$0.2345	\$88,496
(7)	Small Scale Solar I - Operational 2020 Shared Solar Program Year Enrollees - 15 Year Tariff	54.0	12%	56,765	\$0.2965	\$16,831
(8)	Medium-Scale Solar - Operational 2020 Program Year Enrollees - 20 year Tariff	2,544.0	12%	2,674,253	\$0.2428	\$649,309
(9)	Commercial-Scale Solar (251-999 kW DC) - Operational 2020 Program Year Enrollees - 20 year Tariff	2,283.0	12%	2,399,890	\$0.1828	\$438,700
(10)	Large-Scale Solar (1.0 MW to 5.0 MW) - Operational 2020 Program Year Enrollees - 20 year Tariff	10,077.0	12%	10,592,942	\$0.1258	\$1,332,592
(11)	Commercial-Scale Solar - CRDG - Operational 2020 Program Year Enrollees - 20 year Tariff	995.0	12%	1,045,944	\$0.2050	\$214,419
(12)	Commercial-Scale Solar (251-999 kW DC) - Non-Operational 2020 Program Year Enrollees - 20 year Tariff	3,651.0	12%	3,837,931	\$0.1802	\$691,595
(13)	Large-Scale Solar - Non-Operational 2020 Program Year Enrollees - 20 year Tariff	5,227.0	12%	5,494,622	\$0.1819	\$999,472
(14)	Medium-Scale Solar - Non Operational 2020 Program Year Enrollees - 20 year Tariff	<u>250.0</u>	12%	262,800	\$0.1863	<u>\$48,960</u>
(15)	Total	29,409.0		30,914,741		\$5,713,979

Section 2: Estimated Market Value

Class	Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC <u>Proxy</u> (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(16) Small Scale Solar I - Non-Operational 2020 Program Year Enrollees - 15 Year Tariff	337,435			\$0.0394	\$13,292	\$13,292
(17) Small Scale Solar I - Non-Operational 2020 Program Year Enrollees - 20 Year Tariff	45,202			\$0.0394	\$1,780	\$1,780
(18) Small Scale Solar I - Non-Operational 2020 Shared Solar Program Year Enrollees - 15 Year Tariff	4,205			\$0.0394	\$166	\$166
(19) Small Scale Solar II - Operational 2020 Shared Solar Program Year Enrollees - 20 Year Tariff	10,512			\$0.0394	\$414	\$414
(20) Small Scale Solar I - Operational 2020 Program Year Enrollees - 15 Year Tariff	3,774,859			\$0.0394	\$148,692	\$148,692
(21) Small Scale Solar I - Operational 2020 Program Year Enrollees - 20 Year Tariff	377,381			\$0.0394	\$14,865	\$14,865
(22) Small Scale Solar I - Operational 2020 Shared Solar Program Year Enrollees - 15 Year Tariff	56,765			\$0.0394	\$2,236	\$2,236
(23) Medium-Scale Solar - Operational 2020 Program Year Enrollees - 20 year Tariff	2,674,253	\$0.0581	\$155,240	\$0.0394	\$105,339	\$260,579
(24) Commercial-Scale Solar (251-999 kW DC) - Operational 2020 Program Year Enrollees - 20 year Tariff	2,399,890	\$0.0581	\$139,314	\$0.0394	\$94,532	\$233,845
(25) Large-Scale Solar (1.0 MW to 5.0 MW) - Operational 2020 Program Year Enrollees - 20 year Tariff	10,592,942	\$0.0581	\$614,920	\$0.0394	\$417,256	\$1,032,176
(26) Commercial-Scale Solar - CRDG - Operational 2020 Program Year Enrollees - 20 year Tariff	1,045,944	\$0.0581	\$60,717	\$0.0394	\$41,200	\$101,917
(27) Commercial-Scale Solar (251-999 kW DC) - Non-Operational 2020 Program Year Enrollees - 20 year Tariff	3,837,931	\$0.0581	\$222,792	\$0.0394	\$151,176	\$373,968
(28) Large-Scale Solar - Non-Operational 2020 Program Year Enrollees - 20 year Tariff	5,494,622	\$0.0581	\$318,963	\$0.0394	\$216,433	\$535,396
(29) Medium-Scale Solar - Non Operational 2020 Program Year Enrollees - 20 year Tariff	262,800	\$0.0581	<u>\$15,256</u>	\$0.0394	\$10,352	\$25,607
(30)	Total 30,914,74		\$1,527,202		\$1,217,732	\$2,744,933

	,	Estimated	
		Net Cost	
		(1)	
(31) Small Scale Solar I - Non-Operational 2020 Program Year Enrollees - 15 Year Tariff	\$	86,758	
(32) Small Scale Solar I - Non-Operational 2020 Program Year Enrollees - 20 Year Tariff	\$	8,819	
(33) Small Scale Solar I - Non-Operational 2020 Shared Solar Program Year Enrollees - 15 Year Tariff	\$	1,081	
(34) Small Scale Solar II - Operational 2020 Shared Solar Program Year Enrollees - 20 Year Tariff	\$	2,051	
(35) Small Scale Solar I - Operational 2020 Program Year Enrollees - 15 Year Tariff	\$	970,554	
(36) Small Scale Solar I - Operational 2020 Program Year Enrollees - 20 Year Tariff	\$	73,631	
(37) Small Scale Solar I - Operational 2020 Shared Solar Program Year Enrollees - 15 Year Tariff	\$	14,595	
(38) Medium-Scale Solar - Operational 2020 Program Year Enrollees - 20 year Tariff	\$	388,729	
(39) Commercial-Scale Solar (251-999 kW DC) - Operational 2020 Program Year Enrollees - 20 year Tariff	\$	204,855	
(40) Large-Scale Solar (1.0 MW to 5.0 MW) - Operational 2020 Program Year Enrollees - 20 year Tariff	\$	300,416	
(41) Commercial-Scale Solar - CRDG - Operational 2020 Program Year Enrollees - 20 year Tariff	\$	112,502	
(42) Commercial-Scale Solar (251-999 kW DC) - Non-Operational 2020 Program Year Enrollees - 20 year Tariff	\$	317,627	
(43) Large-Scale Solar - Non-Operational 2020 Program Year Enrollees - 20 year Tariff	\$	464,076	
(44) Medium-Scale Solar - Non Operational 2020 Program Year Enrollees - 20 year Tariff	\$	23,352	
(45) Total Estimated Above (Below) Market Cost		\$2,969,046	

- Column Descriptions:
 (a) estimated
 (b) estimated
 (c) column (a) x column (b) x 8,760 hours
 (d) per current tariff
 (e) column (c) x column (d)
 (p) per cultimn (c)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

- (h) column (f) x column (g)
 (i) REC Proxy based on recent market information
 (j) column (f) x column (i)
 (k) column (h)+ column (j)
 (l) column (e) column (k)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Seventh Program Year through March 31, 2022

Section 1: Estimated Annual Performance-Based Incentive Payments

					Estimated		Estimated	
		Unit		Unit Availability	Program Year	Tariff Price	Program Year	
	<u>Unit</u>	Capacity (kW)		Factor	Output (kWh)	(\$ per kWh)	Cost	
		(a)		(b)	(c)	(d)	(e)	
(1)	Small Scale Solar I - Non-Operational 2021 Program Year Enrollees - 15 Year Tariff		939.0	12%	987,077	\$0.2875	\$283,785	
(2)	Small Scale Solar I - Non-Operational 2021 Program Year Enrollees - 20 Year Tariff		32.0	12%	33,638	\$0.2435	\$8,191	
(3)	Small Scale Solar I - Non-Operational 2021 Shared Solar Program Year Enrollees - 15 Year Tariff		26.0	12%	27,331	\$0.2875	\$7,858	
(4)	Small Scale Solar I - Operational 2021 Program Year Enrollees - 15 Year Tariff		8,065.0	12%	8,477,928	\$0.2875	\$2,437,404	
(5)	Small Scale Solar I - Operational 2021 Program Year Enrollees - 20 Year Tariff		196.0	12%	206,035	\$0.2435	\$50,170	
(6)	Small Scale Solar I - Operational 2021 Shared Solar Program Year Enrollees - 15 Year Tariff		196.0	12%	206,035	\$0.2875	\$59,235	
(7)	Commercial-Scale Solar II (751-999 kW DC) - Operational 2021 Program Year Enrollees - 20 year Tariff		8,979.0	12%	9,438,725	\$0.1539	\$1,452,620	
(8)	Large-Scale Solar - (1.0 MW to 5.0 MW DC) - Operational 2021 Program Year Enrollees - 20 year Tariff		5,689.0	12%	5,980,277	\$0.1125	\$672,781	
(9)	Medium-Scale Solar - Operational 2021 Program Year Enrollees - 20 year Tariff		1,250.0	12%	1,314,000	\$0.2010	\$264,114	
(10	Commercial-Scale Solar I (251-750 kW DC) - Non-Operational 2021 Program Year Enrollees - 20 year Tariff		2,725.0	12%	2,864,520	\$0.1859	\$532,514	
(11) Commercial-Scale Solar II (751-999 kW DC) - Non-Operational 2021 Program Year Enrollees - 20 year Tariff		995.0	12%	1,045,944	\$0.1520	\$158,983	
(12) Medium-Scale Solar - Non-Operational 2021 Program Year Enrollees - 20 year Tariff		5,913.0	12%	6,215,746	\$0.2080	<u>\$1,292,875</u>	
(13		Total	35,005.0		36,797,256		\$7,220,530	

Section 2: Estimated Market Value

		Estimated	Market	Energy		REC	Total
		kWh Purchased	Energy	Market	REC	Market	Market
Class		Under Tariffs	Proxy	Value	Proxy	Value	Value
		(f)	(g)	(h)	(i)	(j)	(k)
(14) Small Scale Solar I - Non-Operational 2021 Program Year Enrollees - 15 Year Tariff		987,077			\$0.0394	\$38,881	\$38,881
(15) Small Scale Solar I - Non-Operational 2021 Program Year Enrollees - 20 Year Tariff		33,638			\$0.0394	\$1,325	\$1,325
(16) Small Scale Solar I - Non-Operational 2021 Shared Solar Program Year Enrollees - 15 Year Tariff		27,331			\$0.0394	\$1,077	\$1,077
(17) Small Scale Solar I - Operational 2021 Program Year Enrollees - 15 Year Tariff		8,477,928			\$0.0394	\$333,946	\$333,946
(18) Small Scale Solar I - Operational 2021 Program Year Enrollees - 20 Year Tariff		206,035			\$0.0394	\$8,116	\$8,116
(19) Small Scale Solar I - Operational 2021 Shared Solar Program Year Enrollees - 15 Year Tariff		206,035			\$0.0394	\$8,116	\$8,116
(20) Commercial-Scale Solar II (751-999 kW DC) - Operational 2021 Program Year Enrollees - 20 year Tariff		9,438,725	\$0.0581	\$547,918	\$0.0394	\$371,791	\$919,709
(21) Large-Scale Solar - (1.0 MW to 5.0 MW DC) - Operational 2021 Program Year Enrollees - 20 year Tariff		5,980,277	\$0.0581	\$347,155	\$0.0394	\$235,563	\$582,718
(22) Medium-Scale Solar - Operational 2021 Program Year Enrollees - 20 year Tariff		1,314,000	\$0.0581	\$76,278	\$0.0394	\$51,758	\$128,036
(23) Commercial-Scale Solar I (251-750 kW DC) - Non-Operational 2021 Program Year Enrollees - 20 year Tariff		2,864,520	\$0.0581	\$166,285	\$0.0394	\$112,833	\$279,119
(24) Commercial-Scale Solar II (751-999 kW DC) - Non-Operational 2021 Program Year Enrollees - 20 year Tariff		1,045,944	\$0.0581	\$60,717	\$0.0394	\$41,200	\$101,917
(25) Medium-Scale Solar - Non-Operational 2021 Program Year Enrollees - 20 year Tariff		6,215,746	\$0.0581	\$360,824	\$0.0394	\$244,838	<u>\$605,662</u>
(26)	Total	36,797,256		\$1,559,177		\$1,449,444	\$3,008,621

	Estimated Net Cost (1)
(27) Small Scale Solar I - Non-Operational 2021 Program Year Enrollees - 15 Year Tariff (28) Small Scale Solar I - Non-Operational 2021 Program Year Enrollees - 20 Year Tariff (29) Small Scale Solar I - Non-Operational 2021 Program Year Enrollees - 15 Year Tariff (30) Small Scale Solar I - Operational 2021 Program Year Enrollees - 15 Year Tariff (31) Small Scale Solar I - Operational 2021 Program Year Enrollees - 15 Year Tariff (32) Small Scale Solar I - Operational 2021 Program Year Enrollees - 15 Year Tariff (33) Commercial-Scale Solar I (751-999 kW DC) - Operational 2021 Program Year Enrollees - 20 year Tariff (34) Large-Scale Solar I (751-999 kW DC) - Operational 2021 Program Year Enrollees - 20 year Tariff (35) Medium-Scale Solar - Operational 2021 Program Year Enrollees - 20 year Tariff (36) Commercial-Scale Solar I (251-959 kW DC) - Non-Operational 2021 Program Year Enrollees - 20 year Tariff (37) Commercial-Scale Solar I (751-999 kW DC) - Non-Operational 2021 Program Year Enrollees - 20 year Tariff	\$244,904 \$6,866 \$6,781 \$2,103,459 \$42,054 \$51,119 \$332,910 \$90,063 \$136,078 \$253,395 \$57,067
(38) Medium-Scale Solar - Non-Operational 2021 Program Year Enrollees - 20 year Tariff	\$687,213
(39) Total Estimated Above (Below) Market Cost	\$4,211,909

- Column Descriptions:
 (a) estimated
 (b) estimated
 (c) column (a) x column (b) x 8,760 hours
 (d) per current tariff
 (e) column (c) x column (d)
 (f) per column (c)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

- $\label{eq:continuous} \begin{tabular}{ll} (h) column (f) x column (g) \\ (i) REC price estimate based on most recent market information (j) column (f) x column (f) (k) column (h) + column (j) \\ (k) column (h) + column (j) \\ (l) column (e) column (k) \\ \end{tabular}$

\$601,640

\$1,047,468

Estimated

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Eighth Program Year through March 31, 2023

Estimated

<u>Unit</u>		Unit <u>Capacity (kW)</u> (a)	Unit Availability Factor (b)	Estimated Program Year Output (kWh) (c)	Tariff Price (\$ per kWh) (d)	Estimated Program Year <u>Cost</u> (e)	
(1) Small Scale Solar I - Non-Operational 2022 Program Year Enrollees - 15 Yea (2) Small Scale Solar I - Non-Operational 2022 Shared Solar Program Year Enrol (3) Small Scale Solar II - Non-Operational 2022 Program Year Enrollees - 20 Ye4 Small Scale Solar II - Operational 2022 Program Year Enrollees - 20 Year Ta (5) Small Scale Solar I - Operational 2022 Program Year Enrollees - 15 Year Tar (6) Small Scale Solar I - Operational 2022 Program Year Enrollees - 15 Year Tar (6) Small Scale Solar I - Operational 2022 Program Year Enrollees - 20 year Ta (8) Commercial-Scale Solar - Operational 2022 Program Year Enrollees - 20 year Ta (8) Commercial-Scale Solar I (10 MW to 5.0 MW DC) - Operational 2022 Program Y (10) Medium-Scale Solar - Non Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta (10 MW to 5.0 MW DC) - Operationa	lees - 15 Year Tariff ar Tariff iff iff - 15 Year Tariff iff ar Enrollees - 20 year Tariff ar Enrollees - 20 year Tariff	813.0 29.0 29.0 184.0 5.706.0 463.0 2.253.0 1,254.0 3,574.0 225.0	12% 12% 12% 12% 12% 12% 12% 12% 12%	854,626 30,485 30,485 193,421 5,998,147 486,706 2,368,354 1,318,205 3,756,989 236,520	\$0.3105 \$0.3105 \$0.2755 \$0.2755 \$0.3105 \$0.3105 \$0.2535 \$0.1775 \$0.1644 \$0.2398	\$265,361 \$9,466 \$8,399 \$53,287 \$1,862,425 \$151,122 \$600,378 \$233,981 \$212,453 \$56,717 \$3,753,589	
Section 2: Estimated Market Value Class		Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC Proxy (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(12) Small Scale Solar I - Non-Operational 2022 Program Year Enrollees - 15 Yea (13) Small Scale Solar I - Non-Operational 2022 Shared Solar Program Year Enrol (14) Small Scale Solar II - Non-Operational 2022 Program Year Enrollees - 20 Ye (15) Small Scale Solar II - Operational 2022 Program Year Enrollees - 20 Year Ta (16) Small Scale Solar I - Operational 2022 Program Year Enrollees - 15 Year Tar (17) Small Scale Solar I - Operational 2022 Shared Solar Program Year Enrollees - 18 Medium-Scale Solar - Operational 2022 Program Year Enrollees - 20 year Ta (19) Commercial-Scale Solar I (751-999 kW DC) - Operational 2022 Program Y (20) Large-Scale Solar - (1.0 MW to 5.0 MW DC) - Operational 2022 Program Y (21) Medium-Scale Solar - (1.0 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Ta	lees - 15 Year Tariff ar Tariff iff iff - 15 Year Tariff iff ar Enrollees - 20 year Tariff ar Enrollees - 20 year Tariff	854,626 30,485 30,485 193,421 5,998,147 486,706 2,368,354 1,318,205 3,756,989 226,529	\$0.0581 \$0.0581 \$0.0581 \$0.0581	\$137,483 \$76,522 \$218,093 \$13,730	\$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394	\$33,664 \$1,201 \$1,201 \$7,619 \$236,267 \$19,171 \$93,289 \$51,924 \$147,988 \$9,317	\$33,664 \$1,201 \$1,201 \$7,619 \$236,267 \$19,171 \$230,772 \$128,446 \$366,081 \$23,047
(22)	T + 1	15 252 026		6445.020		6001.040	61.047.460

15,273,936

Total

\$445,828

Estimated	

(22)

	Net Cost
	(1)
(23) Small Scale Solar I - Non-Operational 2022 Program Year Enrollees - 15 Year Tariff	\$231,698
(24) Small Scale Solar I - Non-Operational 2022 Shared Solar Program Year Enrollees - 15 Year Tariff	\$8,265
(25) Small Scale Solar II - Non-Operational 2022 Program Year Enrollees - 20 Year Tariff	\$7,198
(26) Small Scale Solar II - Operational 2022 Program Year Enrollees - 20 Year Tariff	\$45,669
(27) Small Scale Solar I - Operational 2022 Program Year Enrollees - 15 Year Tariff	\$1,626,158
(28) Small Scale Solar I - Operational 2022 Shared Solar Program Year Enrollees - 15 Year Tariff	\$131,951
(29) Medium-Scale Solar - Operational 2022 Program Year Enrollees - 20 year Tariff	\$369,605
(30) Commercial-Scale Solar II (751-999 kW DC) - Operational 2022 Program Year Enrollees - 20 year Tariff	\$105,535
(31) Large-Scale Solar - (1.0 MW to 5.0 MW DC) - Operational 2022 Program Year Enrollees - 20 year Tariff	\$146,372
(32) Medium-Scale Solar - Non Operational 2022 Program Year Enrollees - 20 year Tariff	\$33,671
(33) Total Estimated Above (Below) Market Cost	\$2,706,121

Column Descriptions:

- (a) estimated (b) estimated
- column (a) x column (b) x 8,760 hours per current tariff column (c) x column (d)
- (c) (d) (e) (f) (g)

- per column (c)

 Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

- (h) column (f) x column (g)
- (i) ocumin (i) x column (g)

 (i) REC price estimate based on most recent market information
 (j) column (f) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Ninth Program Year through March 31, 2024

Section 1: Estimated Annual Performance-Based Incentive Payments

	Unit	Unit Availability	Program Year	Tariff Price	Program Year
<u>Unit</u>	Capacity (kW)	Factor	Output (kWh)	(\$ per kWh)	Cost
	(a)	(b)	(c)	(d)	(e)
Small Scale Solar I - Non-Operational 2023 Program Year Enrollees - 15 Year Tariff	273.8	12%	287,766	\$0.3105	\$89,351
Small Scale Solar II - Non-Operational 2023 Program Year Enrollees - 20 Year Tariff	109.5	12%	115,106	\$0.2755	\$31,712
Small Scale Solar I - Operational 2023 Program Year Enrollees - 15 Year Tariff	214.4	12%	225,417	\$0.3105	\$69,992
Small Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year Tariff	159.7	12%	167,864	\$0.2755	\$46,246
Medium-Scale Solar	1,879.0	12%	1,975,205	\$0.2523	\$498,299
Large Scale Solar	4,998.0	12%	5,253,898	\$0.1434	\$753,409
Commercial-Scale Solar - CRDG (>250-500 kW DC)	383.0	12%	402,610	\$0.2204	<u>\$88,735</u>
Total	8,017.4		8,427,865		\$1,577,744
	Small Scale Solar I - Non-Operational 2023 Program Year Enrollees - 15 Year Tariff Small Scale Solar II - Non-Operational 2023 Program Year Enrollees - 20 Year Tariff Small Scale Solar I - Operational 2023 Program Year Enrollees - 15 Year Tariff Small Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year Tariff Medium-Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year Tariff Medium-Scale Solar Commercial-Scale Solar Commercial-Scale Solar - CRDG (>250-500 kW DC)	Unit Capacity (kW) (a) Small Scale Solar I - Non-Operational 2023 Program Year Enrollees - 15 Year Tariff 273.8 Small Scale Solar II - Non-Operational 2023 Program Year Enrollees - 20 Year Tariff 109.5 Small Scale Solar I - Operational 2023 Program Year Enrollees - 20 Year Tariff 214.4 Small Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year Tariff 159.7 Medium-Scale Solar 1,879.0 Large Scale Solar 4,998.0 Commercial-Scale Solar - CRDG (>250-500 kW DC) 383.0	Unit Capacity (kW) (a) Factor (b) Small Scale Solar I - Non-Operational 2023 Program Year Enrollees - 15 Year Tariff 273.8 12% Small Scale Solar II - Non-Operational 2023 Program Year Enrollees - 20 Year Tariff 109.5 12% Small Scale Solar I - Operational 2023 Program Year Enrollees - 15 Year Tariff 214.4 12% Small Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year Tariff 159.7 12% Medium-Scale Solar 1,879.0 12% Large Scale Solar 4,998.0 12% Commercial-Scale Solar - CRDG (>250-500 kW DC) 383.0 12%	Unit Capacity (kW) (a) Factor (b) Output (kWh) (c) Small Scale Solar I - Non-Operational 2023 Program Year Enrollees - 15 Year Tariff 273.8 12% 287.766 Small Scale Solar II - Non-Operational 2023 Program Year Enrollees - 20 Year Tariff 109.5 12% 115.106 Small Scale Solar I - Operational 2023 Program Year Enrollees - 15 Year Tariff 214.4 12% 225,417 Small Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year Tariff 159.7 12% 167.864 Medium-Scale Solar 1,879.0 12% 5,253.898 Large Scale Solar 4,998.0 12% 5,253.898 Commercial-Scale Solar CRDG (>250-500 kW DC) 383.0 12% 402,610	Unit Capacity (kW) (a) Factor (b) Output (kWh) (c) (S per kWh) (d) Small Scale Solar I - Non-Operational 2023 Program Year Enrollees - 15 Year Tariff 273.8 1.2% 287.766 \$0.3105 Small Scale Solar II - Non-Operational 2023 Program Year Enrollees - 20 Year Tariff 109.5 1.2% 115.106 \$0.2755 Small Scale Solar I - Operational 2023 Program Year Enrollees - 15 Year Tariff 214.4 12% 225.417 \$0.3105 Small Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year Tariff 159.7 12% 167.864 \$0.2755 Small Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year Tariff 1879.0 12% 1,975.205 \$0.22523 Large Scale Solar 4,998.0 12% 5,253,898 \$0.1434 Commercial-Scale Solar CRDG (>250-500 kW DC) 383.0 12% 402.610 \$0.2204

Section 2: Estimated Market Value

Class		Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC Proxy (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(9) Small Scale Solar I - Non-Operational 2023 Program Year Enrollees - 15 Ye (10) Small Scale Solar II - Non-Operational 2023 Program Year Enrollees - 20 Yr (11) Small Scale Solar I - Operational 2023 Program Year Enrollees - 15 Year Ta (12) Small Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year T (13) Medium-Scale Solar (14) Large Scale Solar (15) Commercial-Scale Solar - CRDG (>250-500 kW DC)	ear Tariff riff	287,766 115,106 225,417 167,864 1,975,205 5,253,898 402,610	\$0.0581 \$0.0581 \$0.0581	\$114,661 \$304,989 \$23,371	\$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394 \$0.0394	\$11,335 \$4,534 \$8,879 \$6,612 \$77,803 \$206,951 \$15,859	\$11,335 \$4,534 \$8,879 \$6,612 \$192,464 \$511,940 \$39,230
(16)	Total	8,427,865		\$443,021		\$331,974	\$774,994

	Estimated
	Net Cost
	(1)
(17) Small Scale Solar I - Non-Operational 2023 Program Year Enrollees - 15 Year Tariff	\$78.016
(17) Smain Scale Solar 1 - Non-Operational 2022 Frogram Fear Enrollees - 20 Year Tariff (18) Small Scale Solar 11 - Non-Operational 2023 Program Year Enrollees - 20 Year Tariff	
	\$27,178
(19) Small Scale Solar I - Operational 2023 Program Year Enrollees - 15 Year Tariff	\$61,113
(20) Small Scale Solar II - Operational 2023 Program Year Enrollees - 20 Year Tariff	\$39,634
(21) Medium-Scale Solar	\$305,835
(22) Large Scale Solar	\$241,469
(23) Commercial-Scale Solar - CRDG (>250-500 kW DC)	<u>\$49,505</u>
(24) Total Estimated Above (Below) Market Cost	\$802,750

- Column Descriptions:

 (a) estimated
 (b) estimated
 (c) column (a) x column (b) x 8,760 hours
 (d) per current tariff
 (e) column (c) x column (d)
 (f) per column (c)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)
- $\label{eq:continuous} \begin{array}{ll} \text{(h) column (f) x column (g)} \\ \text{(i) REC price estimate based on most recent market information (j) column (f) x column (j)} \\ \text{(k) column (h) + column (j)} \\ \text{(l) column (e) column (k)} \end{array}$

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Tenth Program Year through March 31, 2025

Castian 1. Estimated	Annual Performance-Bas	ad Incontina Darmonta

				Estimated		Estimated
		Unit	Unit Availability	Program Year	Tariff Price	Program Year
	<u>Unit</u>	Capacity (kW)	<u>Factor</u>	Output (kWh)	(\$ per kWh)	Cost
		(a)	(b)	(c)	(d)	(e)
(1)	Small Solar I	9,000.0	12%	9,460,800	\$0.3645	\$3,448,462
(2)	Medium Solar	5,000.0	12%	5,256,000	\$0.3315	\$1,742,364
(3)	Commercial Solar I	7,500.0	12%	7,884,000	\$0.3435	\$2,708,154
(4)	Commercial Solar I (CDRG)	500.0	12%	525,600	\$0.2935	\$154,264
(5)	Commercial Solar II	10,500.0	12%	11,037,600	\$0.3225	\$3,559,626
(6)	Commercial Solar II (CDRG)	1,000.0	12%	1,051,200	\$0.2735	\$287,503
(7)	Large Solar I	15,000.0	12%	15,768,000	\$0.1865	\$2,940,732
(8)	Large Solar I (CDRG)	5,000.0	12%	5,256,000	\$0.2135	\$1,122,156
(9)	Large Solar II	35,000.0	12%	36,792,000	\$0.1805	\$6,640,956
(10)	Large Solar III	15,000.0	12%	15,768,000	\$0.1845	\$2,909,196
(11)	Wind	1,500.0	19%	2,496,600	\$0.2025	\$505,562
(12)	Wind CRDG	1,500.0	19%	2,496,600	\$0.2205	\$550,500
(13)	Anareobic Digestion	500.0	81%	3,547,800	\$0.1905	\$675,856
(14)	Small Scale Hydropower	<u>500.0</u>	75%	3,285,000	\$0.3415	<u>\$1,121,828</u>
(15)	Tota	1 107,500.0		120,625,200		\$28,367,158

Section 2: Estimated Market Value

<u>Class</u>		Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC Proxy (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(16) Small Solar I		9,460,800			\$0.0394	\$372,661	\$372,661
(17) Medium Solar		5,256,000	\$0.0581	\$305,111	\$0.0394	\$207,034	\$512,145
(18) Commercial Solar I		7,884,000	\$0.0581	\$457,666	\$0.0394	\$310,551	\$768,217
(19) Commercial Solar I (CDRG)		525,600	\$0.0581	\$30,511	\$0.0394	\$20,703	\$51,214
(20) Commercial Solar II		11,037,600	\$0.0581	\$640,733	\$0.0394	\$434,771	\$1,075,504
(21) Commercial Solar II (CDRG)		1,051,200	\$0.0581	\$61,022	\$0.0394	\$41,407	\$102,429
(22) Large Solar I		15,768,000	\$0.0581	\$915,332	\$0.0394	\$621,102	\$1,536,434
(23) Large Solar I (CDRG)		5,256,000	\$0.0581	\$305,111	\$0.0394	\$207,034	\$512,145
(24) Large Solar II		36,792,000	\$0.0581	\$2,135,776	\$0.0394	\$1,449,237	\$3,585,012
(25) Large Solar III		15,768,000	\$0.0581	\$915,332	\$0.0394	\$621,102	\$1,536,434
(26) Wind		2,496,600	\$0.0681	\$169,919	\$0.0394	\$98,341	\$268,260
(27) Wind CRDG		2,496,600	\$0.0681	\$169,919	\$0.0394	\$98,341	\$268,260
(28) Anareobic Digestion		3,547,800	\$0.0644	\$228,301	\$0.0394	\$139,748	\$368,049
(29) Small Scale Hydropower		3,285,000	\$0.0645	<u>\$211,981</u>	\$0.0394	<u>\$129,396</u>	<u>\$341,377</u>
(30)	Total	120,625,200		\$6,546,713		\$4,751,427	\$11,298,140

Section 3: Estimated Net Cost

	Estimated
	Net Cost
	(1)
(31) Small Solar I	\$3,075,801
(32) Medium Solar	\$1,230,219
(33) Commercial Solar I	\$1,939,937
(34) Commercial Solar I (CDRG)	\$103,049
(35) Commercial Solar II	\$2,484,122
(36) Commercial Solar II (CDRG)	\$185,074
(37) Large Solar I	\$1,404,298
(38) Large Solar I (CDRG)	\$610,011
(39) Large Solar II	\$3,055,944
(40) Large Solar III	\$1,372,762
(41) Wind	\$237,302
(42) Wind CRDG	\$282,241
(43) Anareobic Digestion	\$307,807
(44) Small Scale Hydropower	<u>\$780,450</u>
(45) Total Estimated Above (Below) Market Cost	\$17,069,018

- (a) estimated
- (b) estimated (c) column (a) x column (b) x 8,760 hours
 (d) per proposed tariff
 (e) column (c) x column (d)

- (h) column (f) x column (g)
- (i) REC price estimate based on most recent market information
 (j) column (f) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

- (f) per column (c)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

Estimated

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Eleventh Program Year through March 31, 2026

Estimated

	Unit		Unit Capacity (kW)	Unit Availability Factor	Program Year Output (kWh)	Tariff Price (\$ per kWh)	Program Year Cost	
	<u>=</u>		(a)	(b)	(c)	(d)	(e)	
(1) Small So	lar I		10,000.0	12%	10,512,000	\$0,3465	\$3,642,408	
(2) Medium			7,000.0	12%	7,358,400	\$0.3195	\$2,351,009	
	cial Solar I		9,500.0	12%	9,986,400	\$0.3345	\$3,340,451	
	cial Solar I (CDRG)		500.0	12%	525,600	\$0.2855	\$150,059	
	cial Solar II		11,500.0	12%	12,088,800	\$0.3145	\$3,801,928	
	cial Solar II (CDRG)		1,000.0	12%	1,051,200	\$0.2665	\$280,145	
(7) Large So			20,000.0	12%	21,024,000	\$0.1805	\$3,794,832	
	lar I (CDRG)		5,000.0	12%	5,256,000	\$0.2075	\$1,090,620	
(9) Large So			35,000.0	12%	36,792,000	\$0.1745	\$6,420,204	
(10) Large So			30,000.0	12%	31,536,000	\$0.1785	\$5,629,176	
(11) Wind			1,500.0	19%	2,496,600	\$0.1985	\$495,575	
(12) Wind CR	PDG		1,500.0	19%	2,496,600	\$0.2165	\$540,514	
	ic Digestion		500.0	81%	3,547,800	\$0.1895	\$672,308	
	ale Hydropower		500.0	75%	3,285,000	\$0.3335	\$1,095,548	
()					2,200,000	4	2-3,00-4,0-10	
(15)		Total	133,500.0		147,956,400		\$33,304,775	
Section 2	2: Estimated Market Value							
			Estimated	Market	Energy		REC	Total
			kWh Purchased	Energy	Market	REC	Market	Market
	Class		Under Tariffs	Proxy	Value	Proxy	<u>Value</u>	<u>Value</u>
	<u>Cuas</u>		(f)	(g)	(h)	(i)	(j)	(k)
			(3)	(8)	(11)	(1)	0)	(11)
(16) Small So	lar I		10,512,000			\$0.0394	\$414,068	\$414,068
(17) Medium			7,358,400	\$0.0581	\$427,155	\$0.0394	\$289,847	\$717,002
	cial Solar I		9,986,400	\$0.0581	\$579,711	\$0.0394	\$393,364	\$973,075
(19) Commerc	cial Solar I (CDRG)		525,600	\$0.0581	\$30,511	\$0.0394	\$20,703	\$51,214
(20) Commerc	cial Solar II		12,088,800	\$0.0581	\$701,755	\$0.0394	\$476,178	\$1,177,933
(21) Commerci	cial Solar II (CDRG)		1,051,200	\$0.0581	\$61,022	\$0.0394	\$41,407	\$102,429
(22) Large So	lar I		21,024,000	\$0.0581	\$1,220,443	\$0.0394	\$828,135	\$2,048,579
(23) Large So	lar I (CDRG)		5,256,000	\$0.0581	\$305,111	\$0.0394	\$207,034	\$512,145
(24) Large So	lar II		36,792,000	\$0.0581	\$2,135,776	\$0.0394	\$1,449,237	\$3,585,012
(25) Large So	lar III		31,536,000	\$0.0581	\$1,830,665	\$0.0394	\$1,242,203	\$3,072,868
(26) Wind			2,496,600	\$0.0681	\$169,919	\$0.0394	\$98,341	\$268,260
(27) Wind CR	RDG		2,496,600	\$0.0681	\$169,919	\$0.0394	\$98,341	\$268,260
(28) Anareobi	ic Digestion		3,547,800	\$0.0644	\$228,301	\$0.0394	\$139,748	\$368,049
(29) Small Sca	ale Hydropower		3,285,000	\$0.0645	\$211,981	\$0.0394	\$129,396	\$341,377
(30)		Total	147,956,400		\$8,072,267		\$5,828,003	\$13,900,270

Section 3: Estimated Net Cost

Section 1: Estimated Annual Performance-Based Incentive Payments

	Net Cost
	(1)
and the state of t	62 220 240
(31) Small Solar I	\$3,228,340
(32) Medium Solar	\$1,634,006
(33) Commercial Solar I	\$2,367,376
(34) Commercial Solar I (CDRG)	\$98,844
(35) Commercial Solar II	\$2,623,995
(36) Commercial Solar II (CDRG)	\$177,716
(37) Large Solar I	\$1,746,253
(38) Large Solar I (CDRG)	\$578,475
(39) Large Solar II	\$2,835,192
(40) Large Solar III	\$2,556,308
(41) Wind	\$227,315
(42) Wind CRDG	\$272,254
(43) Anareobic Digestion	\$304,259
(44) Small Scale Hydropower	<u>\$754,170</u>
(45) Total Estimated Above (Below) Market Cost	\$19,404,506

- (a) estimated
- (b) estimated
- column (a) x column (b) x 8,760 hours per proposed tariff
- column (c) x column (d)
- (c) (d) (e) (f)
- (f) per column (c)
 (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)
- (h) column (f) x column (g)
 (i) REC price estimate based on most recent market information
 (j) column (f) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Twelfth Program Year through March 31, 2027

	Section 1: Estimated Annual Performance-Based Incen	tive Payments				
				Estimated		Estimated
		Unit	Unit Availability	Program Year	Tariff Price	Program Year
	<u>Unit</u>	Capacity (kW)	Factor	Output (kWh)	(\$ per kWh)	Cost
		(a)	(b)	(c)	(d)	(e)
(1)	Small Solar I	12,000.0	12%	12,614,400	\$0.3395	\$4,282,589
(2)	Medium Solar	9,000.0	12%	9,460,800	\$0.3135	\$2,965,961
(3)	Commercial Solar I	11,500.0	12%	12,088,800	\$0.3325	\$4,019,526
(4)	Commercial Solar I (CDRG)	500.0	12%	525,600	\$0.2835	\$149,008
(5)	Commercial Solar II	12,500.0	12%	13,140,000	\$0.3125	\$4,106,250
(6)	Commercial Solar II (CDRG)	1,000.0	12%	1,051,200	\$0.2635	\$276,991
(7)	Large Solar I	25,000.0	12%	26,280,000	\$0.1785	\$4,690,980
(8)	Large Solar I (CDRG)	5,000.0	12%	5,256,000	\$0.2052	\$1,078,531
(9)	Large Solar II	35,000.0	12%	36,792,000	\$0.1725	\$6,346,620
(10)	Large Solar III	30,000.0	12%	31,536,000	\$0.1775	\$5,597,640
(11)	Large Solar IV	40,000.0	12%	42,048,000	\$0.1745	\$7,337,376
(12)	Wind	1,500.0	19%	2,496,600	\$0.1985	\$495,575
(13)	Wind CRDG	1,500.0	19%	2,496,600	\$0.2175	\$543,011
(14)	Anareobic Digestion	500.0	81%	3,547,800	\$0.1905	\$675,856
(15)	Small Scale Hydropower	<u>500.0</u>	75%	3,285,000	\$0.3345	\$1,098,833
(16)	Tota	185,500.0		202,618,800		\$43,664,746

Section	η.	Fetimated	Mark	of V	مبداد

<u>Class</u>		Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC <u>Proxy</u> (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(17) Small Solar I		12,614,400			\$0.0394	\$496,881	\$496,881
(18) Medium Solar		9,460,800	\$0.0581	\$549,199	\$0.0394	\$372,661	\$921,860
(19) Commercial Solar I		12,088,800	\$0.0581	\$701,755	\$0.0394	\$476,178	\$1,177,933
(20) Commercial Solar I (CDRG)		525,600	\$0.0581	\$30,511	\$0.0394	\$20,703	\$51,214
(21) Commercial Solar II		13,140,000	\$0.0581	\$762,777	\$0.0394	\$517,585	\$1,280,362
(22) Commercial Solar II (CDRG)		1,051,200	\$0.0581	\$61,022	\$0.0394	\$41,407	\$102,429
(23) Large Solar I		26,280,000	\$0.0581	\$1,525,554	\$0.0394	\$1,035,169	\$2,560,723
(24) Large Solar I (CDRG)		5,256,000	\$0.0581	\$305,111	\$0.0394	\$207,034	\$512,145
(25) Large Solar II		36,792,000	\$0.0581	\$2,135,776	\$0.0394	\$1,449,237	\$3,585,012
(26) Large Solar III		31,536,000	\$0.0581	\$1,830,665	\$0.0394	\$1,242,203	\$3,072,868
(27) Large Solar IV		42,048,000	\$0.0581	\$2,440,886	\$0.0394	\$1,656,271	\$4,097,157
(28) Wind		2,496,600	\$0.0681	\$169,919	\$0.0394	\$98,341	\$268,260
(29) Wind CRDG		2,496,600	\$0.0681	\$169,919	\$0.0394	\$98,341	\$268,260
(30) Anareobic Digestion		3,547,800	\$0.0644	\$228,301	\$0.0394	\$139,748	\$368,049
(31) Small Scale Hydropower		3,285,000	\$0.0645	<u>\$211,981</u>	\$0.0394	\$129,396	\$341,377
(32)	Total	202,618,800		\$11,123,375		\$7,981,155	\$19,104,530

Section 3: Estimated Net Cost

	Net Cost
	(1)
(33) Small Solar I	\$3,785,708
(34) Medium Solar	\$2,044,100
(35) Commercial Solar I	\$2,841,593
(36) Commercial Solar I (CDRG)	\$97,793
(37) Commercial Solar II	\$2,825,888
(38) Commercial Solar II (CDRG)	\$174,562
(39) Large Solar I	\$2,130,257
(40) Large Solar I (CDRG)	\$566,387
(41) Large Solar II	\$2,761,608
(42) Large Solar III	\$2,524,772
(43) Large Solar IV	\$3,240,219
(44) Wind	\$227,315
(45) Wind CRDG	\$274,751
(46) Anareobic Digestion	\$307,807
(47) Small Scale Hydropower	<u>\$757,455</u>
(48) Total Estimated Above (Below) Market Cost	\$24,560,216

- (a) estimated
- (b) estimated
- (c) column (a) x column (b) x 8,760 hours
 (d) per proposed tariff
 (e) column (c) x column (d)
 (f) per column (c)

- (h) column (f) x column (g)
- (n) column (1) x column (g)

 (i) REC price estimate based on most recent market information
 (j) column (f) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

⁽f) per column (c)
(g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Thirteenth Program Year through March 31, 2028

Section 1: Estimated	Annual Performance-Based	Incentive Payments

	Section 1. Estimated Annual Ferformance-based in	Centive 1 ayments		Estimated		Estimated
		Unit	Unit Availability	Program Year	Tariff Price	Program Year
	<u>Unit</u>	Capacity (kW)	Factor	Output (kWh)	(\$ per kWh)	Cost
		(a)	(b)	(c)	(d)	(e)
(1)	Small Solar I	2,587.6	12%	2,720,086	\$0.3395	\$923,469
(2)	Medium Solar	1,940.7	12%	2,040,065	\$0.3135	\$639,560
(3)	Commercial Solar I	2,479.8	12%	2,606,749	\$0.3325	\$866,744
(4)	Commercial Solar I (CDRG)	107.8	12%	113,337	\$0.2835	\$32,131
(5)	Commercial Solar II	2,695.4	12%	2,833,423	\$0.3125	\$885,445
(6)	Commercial Solar II (CDRG)	215.6	12%	226,674	\$0.2635	\$59,729
(7)	Large Solar I	5,390.8	12%	5,666,846	\$0.1785	\$1,011,532
(8)	Large Solar I (CDRG)	1,078.2	12%	1,133,369	\$0.2052	\$232,567
(9)	Large Solar II	7,547.2	12%	7,933,585	\$0.1725	\$1,368,543
(10)	Large Solar III	6,469.0	12%	6,800,216	\$0.1775	\$1,207,038
(11)	Large Solar IV	8,625.3	12%	9,066,954	\$0.1745	\$1,582,184
(12)	Wind	323.5	19%	538,350	\$0.1985	\$106,863
(13)	Wind CRDG	323.5	19%	538,350	\$0.2175	\$117,091
(14)	Anareobic Digestion	107.8	81%	765,024	\$0.1905	\$145,737
(15)	Small Scale Hydropower	<u>107.8</u>	75%	708,356	\$0.3345	<u>\$236,945</u>
(16)	To	otal 40,000.0		43,691,385		\$9,415,579

Section 2: Estimated Market Value

<u>Class</u>		Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC <u>Proxy</u> (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(17) Small Solar I		2,720,086			\$0.0394	\$107,144	\$107,144
(18) Medium Solar		2,040,065	\$0.0581	\$118,426	\$0.0394	\$80,358	\$198,784
(19) Commercial Solar I		2,606,749	\$0.0581	\$151,322	\$0.0394	\$102,680	\$254,002
(20) Commercial Solar I (CDRG)		113,337	\$0.0581	\$6,579	\$0.0394	\$4,464	\$11,044
(21) Commercial Solar II		2,833,423	\$0.0581	\$164,480	\$0.0394	\$111,609	\$276,089
(22) Commercial Solar II (CDRG)		226,674	\$0.0581	\$13,158	\$0.0394	\$8,929	\$22,087
(23) Large Solar I		5,666,846	\$0.0581	\$328,960	\$0.0394	\$223,217	\$552,178
(24) Large Solar I (CDRG)		1,133,369	\$0.0581	\$65,792	\$0.0394	\$44,643	\$110,436
(25) Large Solar II		7,933,585	\$0.0581	\$460,545	\$0.0394	\$312,504	\$773,049
(26) Large Solar III		6,800,216	\$0.0581	\$394,753	\$0.0394	\$267,860	\$662,613
(27) Large Solar IV		9,066,954	\$0.0581	\$526,337	\$0.0394	\$357,147	\$883,484
(28) Wind		538,350	\$0.0681	\$36,640	\$0.0394	\$21,206	\$57,846
(29) Wind CRDG		538,350	\$0.0681	\$36,640	\$0.0394	\$21,206	\$57,846
(30) Anareobic Digestion		765,024	\$0.0644	\$49,229	\$0.0394	\$30,134	\$79,364
(31) Small Scale Hydropower		708,356	\$0.0645	\$45,710	\$0.0394	\$27,902	<u>\$73,612</u>
(32)	Total	43,691,385		\$2,398,571		\$1,721,004	\$4,119,575

Section 3: Estimated Net Cost

	Net Cost
	(1)
(33) Small Solar I	\$816,325
(34) Medium Solar	\$440,776
(35) Commercial Solar I	\$612,742
(36) Commercial Solar I (CDRG)	\$21,087
(37) Commercial Solar II	\$609,356
(38) Commercial Solar II (CDRG)	\$37,641
(39) Large Solar I	\$459,355
(40) Large Solar I (CDRG)	\$122,132
(41) Large Solar II	\$595,495
(42) Large Solar III	\$544,425
(43) Large Solar IV	\$698,699
(44) Wind	\$49,017
(45) Wind CRDG	\$59,245
(46) Anareobic Digestion	\$66,374
(47) Small Scale Hydropower	<u>\$163,333</u>
(48) Total Estimated Above (Below) Market Cost	\$5,296,003

- (a) estimated
- (b) estimated

- (h) column (f) x column (g)
- (i) REC price estimate based on most recent market information
- (j) column (f) x column (i) (k) column (h) + column (j) (l) column (e) column (k)

⁽b) estimated (1) k
(c) column (a) x column (b) x 8,760 hours (j) cx
(d) per proposed tariff (k) c
(e) column (c) x column (d) (l) cx
(f) per column (c)
(g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Fourteenth Program Year through March 31, 2029

	Section 1: Estimated Annual Performance-Based Ince	ntive Payments				
				Estimated		Estimated
		Unit	Unit Availability	Program Year	Tariff Price	Program Year
	<u>Unit</u>	Capacity (kW)	Factor	Output (kWh)	(\$ per kWh)	Cost
		(a)	(b)	(c)	(d)	(e)
(1)	Small Solar I	2,587.6	12%	2,720,086	\$0.3395	\$923,469
(2)	Medium Solar	1,940.7	12%	2,040,065	\$0.3135	\$639,560
(3)	Commercial Solar I	2,479.8	12%	2,606,749	\$0.3325	\$866,744
(4)	Commercial Solar I (CDRG)	107.8	12%	113,337	\$0.2835	\$32,131
(5)	Commercial Solar II	2,695.4	12%	2,833,423	\$0.3125	\$885,445
(6)	Commercial Solar II (CDRG)	215.6	12%	226,674	\$0.2635	\$59,729
(7)	Large Solar I	5,390.8	12%	5,666,846	\$0.1785	\$1,011,532
(8)	Large Solar I (CDRG)	1,078.2	12%	1,133,369	\$0.2052	\$232,567
(9)	Large Solar II	7,547.2	12%	7,933,585	\$0.1725	\$1,368,543
(10)	Large Solar III	6,469.0	12%	6,800,216	\$0.1775	\$1,207,038
(11)	Large Solar IV	8,625.3	12%	9,066,954	\$0.1745	\$1,582,184
(12)	Wind	323.5	19%	538,350	\$0.1985	\$106,863
(13)	Wind CRDG	323.5	19%	538,350	\$0.2175	\$117,091
(14)	Anareobic Digestion	107.8	81%	765,024	\$0.1905	\$145,737
(15)	Small Scale Hydropower	<u>107.8</u>	75%	<u>708,356</u>	\$0.3345	<u>\$236,945</u>
(16)	Т	fotal 40,000.0		43,691,385		\$9,415,579

Section 2: Estimated Market Value

<u>Class</u>		Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC <u>Proxy</u> (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(17) Small Solar I		2,720,086			\$0.0394	\$107,144	\$107,144
(18) Medium Solar		2,040,065	\$0.0581	\$118,426	\$0.0394	\$80,358	\$198,784
(19) Commercial Solar I		2,606,749	\$0.0581	\$151,322	\$0.0394	\$102,680	\$254,002
(20) Commercial Solar I (CDRG)		113,337	\$0.0581	\$6,579	\$0.0394	\$4,464	\$11,044
(21) Commercial Solar II		2,833,423	\$0.0581	\$164,480	\$0.0394	\$111,609	\$276,089
(22) Commercial Solar II (CDRG)		226,674	\$0.0581	\$13,158	\$0.0394	\$8,929	\$22,087
(23) Large Solar I		5,666,846	\$0.0581	\$328,960	\$0.0394	\$223,217	\$552,178
(24) Large Solar I (CDRG)		1,133,369	\$0.0581	\$65,792	\$0.0394	\$44,643	\$110,436
(25) Large Solar II		7,933,585	\$0.0581	\$460,545	\$0.0394	\$312,504	\$773,049
(26) Large Solar III		6,800,216	\$0.0581	\$394,753	\$0.0394	\$267,860	\$662,613
(27) Large Solar IV		9,066,954	\$0.0581	\$526,337	\$0.0394	\$357,147	\$883,484
(28) Wind		538,350	\$0.0681	\$36,640	\$0.0394	\$21,206	\$57,846
(29) Wind CRDG		538,350	\$0.0681	\$36,640	\$0.0394	\$21,206	\$57,846
(30) Anareobic Digestion		765,024	\$0.0644	\$49,229	\$0.0394	\$30,134	\$79,364
(31) Small Scale Hydropower		<u>708,356</u>	\$0.0645	\$45,710	\$0.0394	<u>\$27,902</u>	<u>\$73,612</u>
(32)	Total	43,691,385		\$2,398,571		\$1,721,004	\$4,119,575

Section 3: Estimated Net Cost

	Estimated
	Net Cost
	(l)
	(4)
(33) Small Solar I	\$816,325
(34) Medium Solar	\$440,776
(35) Commercial Solar I	\$612,742
(36) Commercial Solar I (CDRG)	\$21,087
(37) Commercial Solar II	\$609,356
(38) Commercial Solar II (CDRG)	\$37,641
(39) Large Solar I	\$459,355
(40) Large Solar I (CDRG)	\$122,132
(41) Large Solar II	\$595,495
(42) Large Solar III	\$544,425
(43) Large Solar IV	\$698,699
(44) Wind	\$49,017
(45) Wind CRDG	\$59,245
(46) Anareobic Digestion	\$66,374
(47) Small Scale Hydropower	<u>\$163,333</u>
(48) Total Estimated Above (Below) Market Cost	\$5,296,003

- (a) estimated
- (b) estimated (c) column (a) x column (b) x 8,760 hours (d) per proposed tariff
- (e) column (c) x column (d)
- (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)
- (h) column (f) x column (g)
- (n) column (1) x column (g)

 (i) REC price estimate based on most recent market information
 (j) column (f) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

Renewable Energy Growth Program Cost Recovery Estimated Performance-Based Incentive Payments and Market Value for the Units Approved in the Fifteenth Program Year through March 31, 2030

	Section 1: Estimated Annual Performance-Based Ince	entive Payments				
				Estimated		Estimated
		Unit	Unit Availability	Program Year	Tariff Price	Program Year
	<u>Unit</u>	Capacity (kW)	Factor	Output (kWh)	(\$ per kWh)	Cost
		(a)	(b)	(c)	(d)	(e)
(1)	Small Solar I	2,587.6	12%	2,720,086	\$0.3395	\$923,469
(2)	Medium Solar	1,940.7	12%	2,040,065	\$0.3135	\$639,560
(3)	Commercial Solar I	2,479.8	12%	2,606,749	\$0.3325	\$866,744
(4)	Commercial Solar I (CDRG)	107.8	12%	113,337	\$0.2835	\$32,131
(5)	Commercial Solar II	2,695.4	12%	2,833,423	\$0.3125	\$885,445
(6)	Commercial Solar II (CDRG)	215.6	12%	226,674	\$0.2635	\$59,729
(7)	Large Solar I	5,390.8	12%	5,666,846	\$0.1785	\$1,011,532
(8)	Large Solar I (CDRG)	1,078.2	12%	1,133,369	\$0.2052	\$232,567
(9)	Large Solar II	7,547.2	12%	7,933,585	\$0.1725	\$1,368,543
(10)	Large Solar III	6,469.0	12%	6,800,216	\$0.1775	\$1,207,038
(11)	Large Solar IV	8,625.3	12%	9,066,954	\$0.1745	\$1,582,184
(12)	Wind	323.5	19%	538,350	\$0.1985	\$106,863
(13)	Wind CRDG	323.5	19%	538,350	\$0.2175	\$117,091
(14)	Anareobic Digestion	107.8	81%	765,024	\$0.1905	\$145,737
(15)	Small Scale Hydropower	107.8	75%	708,356	\$0.3345	<u>\$236,945</u>
(16)	ר	Total 40,000.0		43,691,385		\$9,415,579

Section 2: Estimated Market Value

<u>Class</u>		Estimated kWh Purchased <u>Under Tariffs</u> (f)	Market Energy <u>Proxy</u> (g)	Energy Market <u>Value</u> (h)	REC Proxy (i)	REC Market <u>Value</u> (j)	Total Market <u>Value</u> (k)
(17) Small Solar I		2,720,086			\$0.0394	\$107,144	\$107,144
(18) Medium Solar		2,040,065	\$0.0581	\$118,426	\$0.0394	\$80,358	\$198,784
(19) Commercial Solar I		2,606,749	\$0.0581	\$151,322	\$0.0394	\$102,680	\$254,002
(20) Commercial Solar I (CDRG)		113,337	\$0.0581	\$6,579	\$0.0394	\$4,464	\$11,044
(21) Commercial Solar II		2,833,423	\$0.0581	\$164,480	\$0.0394	\$111,609	\$276,089
(22) Commercial Solar II (CDRG)		226,674	\$0.0581	\$13,158	\$0.0394	\$8,929	\$22,087
(23) Large Solar I		5,666,846	\$0.0581	\$328,960	\$0.0394	\$223,217	\$552,178
(24) Large Solar I (CDRG)		1,133,369	\$0.0581	\$65,792	\$0.0394	\$44,643	\$110,436
(25) Large Solar II		7,933,585	\$0.0581	\$460,545	\$0.0394	\$312,504	\$773,049
(26) Large Solar III		6,800,216	\$0.0581	\$394,753	\$0.0394	\$267,860	\$662,613
(27) Large Solar IV		9,066,954	\$0.0581	\$526,337	\$0.0394	\$357,147	\$883,484
(28) Wind		538,350	\$0.0681	\$36,640	\$0.0394	\$21,206	\$57,846
(29) Wind CRDG		538,350	\$0.0681	\$36,640	\$0.0394	\$21,206	\$57,846
(30) Anareobic Digestion		765,024	\$0.0644	\$49,229	\$0.0394	\$30,134	\$79,364
(31) Small Scale Hydropower		708,356	\$0.0645	<u>\$45,710</u>	\$0.0394	\$27,902	<u>\$73,612</u>
(32)	Total	43,691,385		\$2,398,571		\$1,721,004	\$4,119,575

Section 3: Estimated Net Cost

		Estimated
		Net Cost
		(1)
(33)	Small Solar I	\$816,325
(34)	Medium Solar	\$440,776
(35)	Commercial Solar I	\$612,742
(36)	Commercial Solar I (CDRG)	\$21,087
(37)	Commercial Solar II	\$609,356
(38)	Commercial Solar II (CDRG)	\$37,641
(39)	Large Solar I	\$459,355
(40)	Large Solar I (CDRG)	\$122,132
(41)	Large Solar II	\$595,495
(42)	Large Solar III	\$544,425
(43)	Large Solar IV	\$698,699
(44)	Wind	\$49,017
(45)	Wind CRDG	\$59,245
(46)	Anareobic Digestion	\$66,374
(47)	Small Scale Hydropower	\$163,333
(48)	Total Estimated Above (Below) Market Cost	\$5,296,003
/		

- (a) estimated
- (b) estimated
- (c) column (a) x column (b) x 8,760 hours
 (d) per proposed tariff
 (e) column (c) x column (d)

- (g) Market Energy Proxy is based on NYMEX electricity futures prices and renewable resource generation shapes (output in on peak and off peak hours)
- (h) column (f) x column (g)
- (n) column (1) x column (g)

 (i) REC price estimate based on most recent market information
 (j) column (f) x column (i)
 (k) column (h) + column (j)
 (l) column (e) column (k)

In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

PUC 2-3

Request:

Using the information contained in the response to PUC 2-2, please include the estimated annual REG factor that will appear on customer's bills over the next ten years. Explain the assumptions.

Response:

Please see Attachment PUC 2-3 for the requested information.

The assumptions utilized in the analysis are as follows:

- 1. April 2024 through March 2025 RE Growth Program costs will be recovered over the period January 2025 through December 2025. Likewise, for each program year thereafter. The Projected Annual RE Growth Program Costs are from the Company's response to PUC 2-2.
- 2. Annual RE Growth Program costs are allocated to each rate class for each period utilizing the total rate base allocator currently used in the Company's RE Growth Program Factor Filings (see, for instance, RIPUC Docket No. 23-24-REG).
- 3. For all rate classes except Street Lighting and Propulsion, the annual billing determinants (i.e., customer counts) for the period 2025 through 2027 are from the Company's forecast. For these same classes for the period 2028 through 2034, the annual customer counts are calculated using the Compound Annual Growth Rate (CAGR) from the Company's forecast for each respective class for the period 2025 2027. For Street Lighting, the Company does not forecast fixture counts and so the forecast for each year is set equal to the fixture count in the Company's most recent RE Growth Factor Filing (RIPUC Docket No. 23-24-REG). For Propulsion, the customer count is assumed constant at 12 per year.

(K)

(J)

(I)

Program Year: Program Year Period:	Program Year 2024	Program Year 2025	D 3/ 2026	Program Year 2027						D 3/ 2022	
			Program Year 2026	rrogram Year 2027	Program Year 2028	Program Year 2029	Program Year 2030	Program Year 2031	Program Year 2032	Program Year 2033	
	April 2024 - March 2025	April 2025 - March 2026	April 2026 - March 2027	April 2027 - March 2028	April 2028 - March 2029	April 2029 - March 2030	April 2030 - March 2031	April 2031 - March 2032	April 2032 - March 2033	April 2033 - March 2034	
Rate Effective Period:	Calendar Year 2025	Calendar Year 2026	Calendar Year 2027	Calendar Year 2028	Calendar Year 2029	Calendar Year 2030	Calendar Year 2031	Calendar Year 2032	Calendar Year 2033	Calendar Year 2034	
Projected Annual RE Growth Program Cost:	\$39,039,938	\$51,712,926	\$72,347,021	\$89,105,838	\$101,219,195	\$106,978,245	\$111,050,427	\$113,449,039	\$113,449,039	\$113,449,039	
Source: Company's Response to RIPUC Docket No. 23-44-REG, Pages 3 to 5 of 25, Row (51), Columns (j) to (s).											
Percentage of Total Rate Base	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
Residential (A-16 / A-60)	55.52%	55.52%	55.52%	55.52%	55.52%	55.52%	55.52%	55.52%	55.52%	55.52%	
Small C&I (C-06)	10.28%	10.28%	10.28%	10.28%	10.28%	10.28%	10.28%	10.28%	10.28%	10.28%	
General C&I (G-02)	16.06%	16.06%	16.06%	16.06%	16.06%	16.06%	16.06%	16.06%	16.06%	16.06%	
Large Demand (B-32 / G-32)	16.98%	16.98%	16.98%	16.98%	16,98%	16.98%	16.98%	16,98%	16.98%	16.98%	
Street Lighting (S-05 / S-06 / S-10 / S-14)	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	
Propulsion (X-01)	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	
Source: RIPUC Docket No. 23-24-REG, RE Growth Factor											
RE Growth Revenue Requirement by Rate Class	Calendar Year 2025	Calendar Year 2026	Calendar Year 2027	Calendar Year 2028	Calendar Year 2029	Calendar Year 2030	Calendar Year 2031	Calendar Year 2032	Calendar Year 2033	Calendar Year 2034	
Residential (A-16 / A-60)	\$21,674,974	\$28,711,017	\$40,167,066	\$49,471,561	\$56,196,897	\$59,394,322	\$61,655,197	\$62,986,906	\$62,986,906	\$62,986,906	
Small C&I (C-06)	\$4,013,306	\$5,316,089	\$7,437,274	\$9,160,080	\$10,405,333	\$10,997,364	\$11,415,984	\$11,662,561	\$11,662,561	\$11,662,561	
General C&I (G-02)	\$6,269,814	\$8,305,096	\$11,618,932	\$14,310,398	\$16,255,803	\$17,180,706	\$17,834,699	\$18,219,916	\$18,219,916	\$18,219,916	
Large Demand (B-32 / G-32)	\$6,628,982	\$8,780,855	\$12,284,524	\$15,130,171	\$17,187,019	\$18,164,906	\$18,856,363	\$19,263,647	\$19,263,647	\$19,263,647	
Street Lighting (S-05 / S-06 / S-10 / S-14)	\$441,151	\$584,356	\$817,521	\$1,006,896	\$1,143,777	\$1,208,854	\$1,254,870	\$1,281,974	\$1,281,974	\$1,281,974	
Propulsion (X-01)	\$11,712	\$15,514	\$21,704	\$26,732	\$30,366	\$32,093	\$33,315	\$34,035	\$34,035	\$34,035	
Annual Billing Determinants Calendar Year 2025 Calendar Year 2026 Calendar Year 2027 Calendar Year 2028 Calendar Year 2029 Calendar Year 2030 Calendar Year 2031 Calendar Year 2032 Calendar Year 2034 Calendar Year 2034											
		5,368,464	5,377,476	5.387.660	5,397,863	5,408,086	5,418,328	5,428,590	5.438.871	5,449,171	
Residential (A-16 / A-60) (Customer Count)	5 357 165										
	5,357,165					657.433	650 308	661 370	663 348	665 331	
Small C&I (C-06) (Customer Count)	647,691	649,895	651,570	653,518	655,473	657,433	659,398	661,370	663,348	665,331	
Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count)	647,691 98,773	649,895 99,052	651,570 99,251	653,518 99,492	655,473 99,733	99,974	100,216	100,459	100,702	100,945	
Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 / G-32) (Customer Count)	647,691 98,773 12,586	649,895 99,052 12,573	651,570 99,251 12,552	653,518 99,492 12,534	655,473 99,733 12,517	99,974 12,499	100,216 12,482	100,459 12,465	100,702 12,448	100,945 12,430	
Small C&1 (C-06) (Customer Count) General C&1 (G-02) (Customer Count) Large Demand (B-32 / G-32) (Customer Count) Street Lighting (S-05 / S-06 / S-10 / S-14) (Fixtures)	647,691 98,773 12,586 1,090,060	649,895 99,052 12,573 1,090,060	651,570 99,251 12,552 1,090,060 12	653,518 99,492 12,534 1,090,060	655,473 99,733 12,517 1,090,060	99,974 12,499 1,090,060 12	100,216 12,482 1,090,060 12	100,459 12,465 1,090,060 12	100,702 12,448 1,090,060 12	100,945 12,430 1,090,060 12	
Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 / G-32) (Customer Count) Street Lighting (S-05 / S-06 / S-10 / S-14) (Fixtures) Propulsion (X-01) (Customer Count) Source: For 2025 - 2027, the source is the Company's forece each respective rate class for the period 2025 - 2027. For St constant at 12 per year.	647,691 98,773 12,586 1,090,060 12 cast except for Street Lighting, the Company does	649,895 99,052 12,573 1,090,060 12 d Propulsion. For 2028 - 20: s not forecast fixture counts	651,570 99,251 12,552 1,090,060 12 34, for all rate classes excep and so the forecast for each	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Prop year is set equal to the fi	655,473 99,733 12,517 1,090,060 12 pulsion, each rate class's at kture count in the Compar	99,974 12,499 1,090,060 12 unual billing determinants y's most recent RE Growti	100,216 12,482 1,090,060 12 are calculated using the Coh Factor Filing (RIPUC Do	100,459 12,465 1,090,060 12 ompound Annual Growth ocket No. 23-24-REG). For	100,702 12,448 1,090,060 12 Rate (CAGR) from the Cor r Propulsion, the customer of	100,945 12,430 1,090,060 12 mpany's forecast for count is assumed	
Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 (G-32) (Customer Count) Street Lighting (S-05 / S-06 / S-10 / S-14) (Fixtures) Propulsion (X-01) (Customer Count) Source: For 2025 - 2027, the source is the Company's forece ach respective rate class for the period 2025 - 2027. For St constant at 12 per year. Proposed REG Factor	647,691 98,773 12,586 1,090,060 12 cast except for Street Lighting an treet Lighting, the Company doe:	649.895 99.052 12.573 1.090.060 12 d Propulsion. For 2028 - 20: s not forecast fixture counts Calendar Year 2026	651,570 99,251 12,552 1,090,060 12 34, for all rate classes excep and so the forecast for each	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Prop year is set equal to the fi:	655,473 99,733 12,517 1,090,060 12 pulsion, each rate class's at xture count in the Compar	99,974 12,499 1,090,060 12 unual billing determinants y's most recent RE Growtl	100,216 12,482 1,090,060 12 are calculated using the C h Factor Filing (RIPUC De	100,459 12,465 1,090,060 12 ompound Annual Growth ocket No. 23-24-REG). For	100,702 12,448 1,990,060 12 Rate (CAGR) from the Cor Propulsion, the customer of	100,945 12,430 1,090,060 12 mpany's forecast for count is assumed	
Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 /G-32) (Customer Count) Street Lighting (S-05 /S-06 /S-10 /S-14) (Fixtures) Propulsion (X-01) (Customer Count) Source: For 2025 - 2027, the source is the Company's forece each respective rate class for the period 2025 - 2027, For St constant at 12 per year. Proposed REG Factor Residential (A-16 / A-60) (Customer Count)	647,691 98,773 12,586 1,090,060 1,090,060 cast except for Street Lighting an treet Lighting, the Company does Calendar Year 2025 \$ 4.04	649,895 99,052 12,573 1,090,060 12 12 12 12 12 d Propulsion. For 2028 - 20: s not forecast fixture counts Calendar Year 2026 S 5.34	651,570 99,251 12,552 1,090,060 12 34, for all rate classes except and so the forecast for each Calendar Year 2027 \$ 7.46	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Proj year is set equal to the fi	655,473 99,733 12,517 1,090,060 12 oulsion, each rate class's at xture count in the Compar Calendar Year 2029 S 10.41	99,974 12,499 1,090,060 12 inual billing determinants y's most recent RE Growti Calendar Year 2030 \$ 10.98	100,216 12,482 1,090,060 12 are calculated using the C h Factor Filing (RIPUC De Calendar Year 2031 \$ 11.37	100,459 12,465 1,090,060 12 ompound Annual Growth ocket No. 23-24-REG). For Calendar Year 2032 \$ 11.60	100,702 12,448 1,090,060 12 Rate (CAGR) from the Co r Propulsion, the customer of Calendar Year 2033 5 11.58	100,945 12,430 1,090,060 12 mpany's forecast for count is assumed Calendar Year 2034 § 11.55	
Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 (G-32) (Customer Count) Street Lighting (S-05 /S-06 /S-10 /S-14) (Fixtures) Propulsion (X-01) (Customer Count) Source: For 2025 - 2027, the source is the Company's forece each respective rate class for the period 2025 - 2027. For St constant at 12 per year. Proposed REG Factor Residential (A-16 / A-60) (Customer Count) Small C&I (C-06) (Customer Count)	647,691 98,773 12,586 1,090,060 12 cast except for Street Lighting, the Company doe: Calendar Year 2025 \$ 4.04 \$ 6.19	649,895 99,052 12,573 1,090,060 12 d Propulsion. For 2028 - 20: s not forecast fixture counts Calendar Year 2026 5 5.34 5 8.17	651,570 99,251 12,552 1,090,060 12 34, for all rate classes except and so the forecast for each Calendar Year 2027 S 7.46 S 11.41	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Prop a year is set equal to the fi	655,473 99,733 12,517 1,090,060 12 sulsion, each rate class's ar kture count in the Compar Calendar Year 2029 S 10.41 S 15.87	99,974 12,499 1,090,060 12 mual billing determinants y's most recent RE Growti Calendar Year 2030 5 10.98 5 16.72	100.216 12,482 1,090,060 12 are calculated using the Co Factor Filing (RPUC Do Calendar Year 2031 5 11.37 5 17.31	100,459 12,465 1,090,060 12 ompound Annual Growth ocket No. 23-24-REG). For Calendar Year 2032 S 11.60 S 17.63	100.702 12,448 1,090,060 12 Rate (CAGR) from the Co Propulsion, the customer Calendar Year 2033 \$ 11.58 \$ 17.58	100,945 12,430 1,090,060 12 mpany's forecast for count is assumed Calendar Year 2034 \$ 11.55 \$ 17.52	
Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 / G-32) (Customer Count) Street Lighting (S-05 / S-06 / S-10 / S-14) (Fixtures) Propulsion (X-01) (Customer Count) Source: For 2025 - 2027, the source is the Company's forece ach respective rate class for the period 2025 - 2027. For St constant at 12 per year. Proposed REG Factor Residential (A-16 / A-60) (Customer Count) Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count)	647,691 98,773 12,2586 1,090,060 12 cast except for Street Lighting an treet Lighting, the Company doe: Calendar Year 2025 \$ 4.04 \$ 6.19 \$ 6.347	649,895 99,052 12,573 1,090,060 12 1 d Propulsion. For 2028 - 20: s not forecast fixture counts Calendar Year 2026 5 5.34 5 8.17 \$ 8.83,84	651,570 99,251 12,552 1,090,060 12 234, for all rate classes excep and so the forecast for each Calendar Year 2027 \$ 7.46 \$ 11,41 \$ 117,06	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Prop year is set equal to the fit	655,473 99,733 12,517 1,090,060 122 oulsion, each rate class's average count in the Compar Calendar Year 2029 \$ 10.41 \$ 15.87 \$ 15.87 \$ 162.99	99,974 12,499 1,090,060 1,090,060 12 Innual billing determinants y's most recent RE Growti Calendar Year 2030 \$ 10,98 \$ 16,72 \$ 171,85	100,216 12,482 1,090,060 12 are calculated using the Co h Factor Filing (RIPUC Do Calendar Year 2031 \$ 11.37 \$ 17.31 \$ 177.96	100,459 12,465 1,090,060 12 ompound Annual Growth ocket No. 23-24-REG). For Calendar Year 2032 \$ 11.60 \$ 17.63 \$ 181.36	100,702 12,448 1,090,060 1,090,060 12 12 Rate (CAGR) from the Cor Propulsion, the customer of Calendar Year 2033 S	100,945 12,430 1,090,060 12 mpany's forecast for count is assumed Calendar Year 2034 \$ 11.55 \$ 17.52 \$ 180.49	
Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 (G-32) (Customer Count) Street Lighting (S-05 / S-06 / S-10 / S-14) (Fixtures) Propulsion (X-01) (Customer Count) Source: For 2025 - 2027, the source is the Company's forece each respective rate class for the period 2025 - 2027, For St constant at 12 per year. Proposed REG Factor Residential (A-16 / A-60) (Customer Count) Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 / G-32) (Customer Count)	647,691 98,773 12,586 1,090,060 1,090,060 cast except for Street Lighting an treet Lighting, the Company doe: Calendar Year 2025 \$ 4.04 \$ 6.19 \$ 63.47 \$ 5 526,67	649,895 99,052 12,573 1,090,060 12 d Propulsion. For 2028 - 20. s not forecast fixture counts Calendar Year 2026 S 5.34 S 8.17 S 83.84 S 698.37	651,570 99,251 12,552 1,090,060 12 34, for all rate classes except and so the forecast for each Calendar Year 2027 S 7.46 S 11.41 S 117.06 S 978.72	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Prop year is set equal to the fi Calendar Year 2028 \$ 9,18 \$ 14,01 \$ 143.83 \$ 1,207,11	655,473 99,733 12,517 1,090,060 12 oulsion, each rate class's an exture count in the Compar Calendar Year 2029 \$ 10.41 \$ 15.87 \$ 162.99 \$ 1,373.11	99,974 12,499 1,090,060 1,090,060 12 nual billing determinants y's most recent RE Growt Calendar Year 2030 \$ 10,98 \$ 16,72 \$ 171,85 \$ 1,453,25	100.216 12.482 1,090,060 12 are calculated using the C to Factor Filing (RIPUC De Calendar Year 2031 \$ 11.37 \$ 17.31 \$ 17.796 \$ 1,510.67	100,459 12,465 1,090,060 12 0mpound Annual Growth beket No. 23-24-REG). For Calendar Year 2032 \$ 11.60 \$ 17.63 \$ 181.36 \$ 1,545,44	100.702 12.448 1.090,060 12 Rate (CAGR) from the Cor r Propulsion, the customer of Calendar Year 2033 S 11.58 S 17.58 S 18.002 S 1.547.58	100.945 12,430 1,090,060 12 mpany's forecast for count is assumed Calendar Year 2034 S 11.55 S 17.52 S 180.49 S 1,549.73	
Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 (G-32) (Customer Count) Street Lighting (S-05 / S-06 / S-10 / S-14) (Fixtures) Propulsion (X-01) (Customer Count) Source: For 2025 - 2027, the source is the Company's forece each respective rate class for the period 2025 - 2027. For St constant at 12 per year. Proposed REG Factor Residential (A-16 / A-60) (Customer Count) Small C&I (G-02) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 / G-32) (Customer Count) Street Lighting (S-05 / S-06 / S-10 / S-14) (Fixtures)	647,691 98,773 12,586 1,090,060 12 cast except for Street Lighting, the Company doe: Calendar Year 2025 \$ 4.04 \$ 6.19 \$ 63.47 \$ 5 526.67 \$ 0.40	649,895 99,052 12,573 1,090,060 12 d Propulsion. For 2028 - 20.6 s not forecast fixture counts Calendar Year 2026 \$ 5.34 \$ 81.7 \$ 83.84 \$ 698.37 \$ 0.53	651,570 99,251 12,552 1,090,060 12 34, for all rate classes except and so the forecast for each control of the forecast for each con	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Prop op year is set equal to the fi	655,473 99,733 12,517 1,090,060 12 sulsion, each rate class's at xture count in the Compar Calendar Year 2029 \$ 10.41 \$ 15.87 \$ 162,99 \$ 1,373.11 \$ 1.04	99,974 12,499 11,90,060 12 12 11 11 11 11 11 11 11 11 11 11 11	100.216 12,482 1,090,060 12 are calculated using the Co Factor Filing (RIPUC Do Calendar Year 2031 \$ 11.37 \$ 17.39 \$ 177.96 \$ 1,510.67 \$ 1,510.67	100,459 12,465 1,090,060 12 ompound Annual Growth ocket No. 23-24-REG). For Calendar Year 2032 \$ 11.60 \$ 17.63 \$ 181.36 \$ 1,545.44 \$ 1.17	100,702 12,448 1,090,060 12 12,448 1,090,060 12 Rate (CAGR) from the Cor Propulsion, the customer of the Core	100,945 12,430 1,090,060 12 mpany's forecast for count is assumed Calendar Year 2034 \$ 11.55 \$ 17.52 \$ 180.49 \$ 1,549,73 \$ 1.54	
General C&I (G-02) (Customer Count) Large Demand (B-32 / G-32) (Customer Count) Street Lighting (S-05 / S-06 / S-10 / S-14) (Fixtures) Propulsion (X-01) (Customer Count) Source: For 2025 - 2027, the source is the Company's forect each respective rate class for the period 2025 - 2027. For St constant at 12 per year. Proposed REG Factor Residential (A-16 / A-60) (Customer Count) Small C&I (C-06) (Customer Count) General C&I (G-02) (Customer Count) Large Demand (B-32 / G-32) (Customer Count) Street Lighting (S-05 / S-06 / S-10 / S-14) (Fixtures)	647,691 98,773 12,586 1,090,060 1,090,060 cast except for Street Lighting an treet Lighting, the Company doe: Calendar Year 2025 \$ 4.04 \$ 6.19 \$ 63.47 \$ 5 526,67	649,895 99,052 12,573 1,090,060 12 d Propulsion. For 2028 - 20. s not forecast fixture counts Calendar Year 2026 S 5.34 S 8.17 S 83.84 S 698.37	651,570 99,251 12,552 1,090,060 12 34, for all rate classes except and so the forecast for each control of the forecast for each con	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Prop year is set equal to the fi Calendar Year 2028 \$ 9,18 \$ 14,01 \$ 143.83 \$ 1,207,11	655,473 99,733 12,517 1,090,060 12 oulsion, each rate class's an exture count in the Compar Calendar Year 2029 \$ 10.41 \$ 15.87 \$ 162.99 \$ 1,373.11	99,974 12,499 1,090,060 1,090,060 12 nual billing determinants y's most recent RE Growt Calendar Year 2030 \$ 10,98 \$ 16,72 \$ 171,85 \$ 1,453,25	100.216 12.482 1,090,060 12 are calculated using the C to Factor Filing (RIPUC De Calendar Year 2031 \$ 11.37 \$ 17.31 \$ 17.796 \$ 1,510.67	100,459 12,465 1,090,060 12 0mpound Annual Growth beket No. 23-24-REG). For Calendar Year 2032 \$ 11.60 \$ 17.63 \$ 181.36 \$ 1,545,44	100,702 12,448 1,090,060 12 12,448 1,090,060 12 Rate (CAGR) from the Cor Propulsion, the customer of the Core	100,945 12,430 1,090,060 12 mpany's forecast for count is assumed Calendar Year 2034 \$ 11.55 \$ 17.52 \$ 180.49 \$ 1,549,73 \$ 1.54	
Small C&I (C-06) (Customer Count)	647,691 98,773 12,586 1,090,060 12 cast except for Street Lighting, the Company doe: Calendar Year 2025 \$ 4.04 \$ 6.19 \$ 63.47 \$ 5 526.67 \$ 0.40	649,895 99,052 12,573 1,090,060 12 d Propulsion. For 2028 - 20.6 s not forecast fixture counts Calendar Year 2026 \$ 5.34 \$ 81.7 \$ 83.84 \$ 698.37 \$ 0.53	651,570 99,251 12,552 1,090,060 12 34, for all rate classes except and so the forecast for each control of the forecast for each con	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Prop op year is set equal to the fi	655,473 99,733 12,517 1,090,060 12 sulsion, each rate class's at xture count in the Compar Calendar Year 2029 \$ 10.41 \$ 15.87 \$ 162,99 \$ 1,373.11 \$ 1.04	99,974 12,499 11,90,060 12 12 11 11 11 11 11 11 11 11 11 11 11	100.216 12,482 1,090,060 12 are calculated using the Co Factor Filing (RIPUC Do Calendar Year 2031 \$ 11.37 \$ 17.39 \$ 177.96 \$ 1,510.67 \$ 1,510.67	100,459 12,465 1,090,060 12 ompound Annual Growth ocket No. 23-24-REG). For Calendar Year 2032 \$ 11.60 \$ 17.63 \$ 181.36 \$ 1,545.44 \$ 1.17	100,702 12,448 1,090,060 12 12,448 1,090,060 12 Rate (CAGR) from the Cor Propulsion, the customer of the Core	100,945 12,430 1,090,060 12 mpany's forecast for count is assumed Calendar Year 2034 \$ 11.55 \$ 17.52 \$ 180.49 \$ 1,549,73 \$ 1.54	
Small C&I (C-06) (Customer Count)	647,691 98,773 12,586 1,090,060 12 cast except for Street Lighting an treet Lighting, the Company doe: Calendar Year 2025 \$ 4.04 \$ 6.19 \$ 6.19 \$ 5.347 \$ 9.75,99	649,895 99,052 12,573 1,090,060 12,12 d Propulsion. For 2028 - 20: s not forecast fixture counts Calendar Year 2026 \$ 5.34 \$ 8.17 \$ 8.38 \$ 8.17 \$ 9.698.37 \$ 0.53 \$ 1,292.82 1.30% Calendar Year 2026	651,570 99,251 1,2552 1,090,060 12,552 1,090,060 234, for all rate classes excepand so the forecast for each so forecast for each so forecast for each so forecast for each so forecast fore	653,518 99,492 12,534 1,090,060 12 t Street Lighting and Progrygar is set equal to the fi: Calendar Year 2028 \$ 9,18 \$ 14.01 \$ 143.83 \$ 1,207.11 \$ 0.92 \$ 2,227.64 Calendar Year 2028	655,473 99,733 12,517 1,090,060 12 pulsion, each rate class's at xture count in the Compar Calendar Year 2029 \$ 10.41 \$ 15.87 \$ 162,99 \$ 1,373.11 \$ 1.04 \$ 2,530.47	99,974 12,499 1,090,060 12 nual billing determinants y's most recent RE Growti Calendar Year 2030 \$ 10,98 \$ 16,72 \$ 171.85 \$ 1,453,25 \$ 1,10 \$ 2,674.45 Calendar Year 2030 Calendar Year 2030	100,216 12,482 1,090,060 12 are calculated using the C h Factor Filing (RIPUC De Calendar Year 2031 \$ 11.37 \$ 17.31 \$ 177.36 \$ 1,510.67 \$ 1,15 \$ 2,776.26 Calendar Year 2031	100,459 12,465 1,090,060 12 mpound Annual Growth beket No. 23-24-REG). Fo Calendar Year 2032 \$ 11.60 \$ 17.63 \$ 181.36 \$ 1,545.44 \$ 1.17 \$ 2,836.22 Calendar Year 2032	100.702 12.448 1.090,060 12.448 1.090,060 12 Rate (CAGR) from the Cor Propulsion, the customer of the Calendar Year 2033 S	100,945 12,430 1,090,060 12 mpany's forecast for count is assumed Calendar Year 2034 \$ 11.55 \$ 17.52 \$ 180.49 \$ 1,549.73 \$ 1.17 \$ 2,836.22	
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In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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Request:

Refer to "SEA Figure 1 – Comparison of REG Program Target Capacity to Actual Selected /Procured Capacity" on page 23 of the Testimony of Kennerly and Armstrong. For each of the categories that have existed prior to the change in law,

- a. please provide a breakdown of the MW targets compared to actual procurement for each of the years shown in Figure 1. Please provide this is in both (i) a bar chart format for each category similar to Figure 1, and (ii) a schedule showing actual MW targets and MWs procured for each category in each year, including a column indicating the percentage of target procured;
- b. in the referenced schedule, please also provide a column that states the ceiling price for each category in each year; and
- c. in the reference schedule, please provide a column that states the average percentage of the ceiling price for each competitive category for each year.

Response:

- a. Please see the tables and graphs below in response to this data request. The MW targets are shown in the second column of each table, titled "Annual Enrollment Target (MW)," as well as in each graph as the blue bars. The actual procurements are shown in the third column of each table, titled "Awarded Projects (MW)," as well as in each graph as the orange bars. The percentage of target procured is shown in the fifth column of each table, titled "% of Target Procured."
- b. The ceiling price for each category in each year is shown in the seventh column of each table, titled "Ceiling Price (cents/kWh)."
- c. The average percentage of the ceiling price for each competitive category for each year is shown in the ninth column of each table, titled "% of Ceiling Price Awarded," and is calculated utilizing the eighth column, which calculates the weighted average Performance-Based Incentive for renewable energy projects awarded for each renewable energy class.

In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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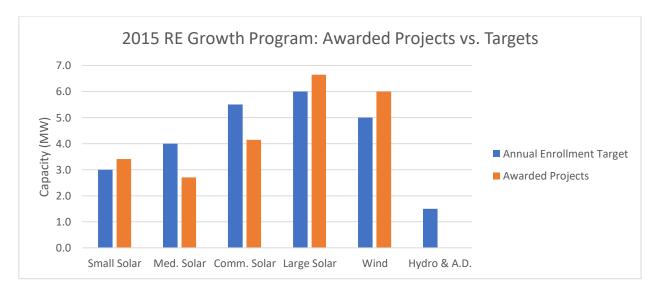
2015 Renewable Energy Growth Program									
Renewable Energy Class	Annual Enrollment Target (MW)	Awarded Projects (MW)	Remaining Annual Enrollment Target (MW)	% of Target Procured	Cancelled Projects (MW)	Ceiling Price (cents/kWh)	Weighted Average PBI (cents/kWh)	% of Ceiling Price Awarded	
Small-Scale Solar (1 to 25 kW)	3.0	3.4	-0.4	114%	0.3	-	-	-	
Medium-Scale Solar (26 to 250 kW)	4.0	2.7	1.3	68%	0.5	24.40	24.40	100%	
Commercial-Scale Solar (251 to 999 kW)	5.5	4.1	1.4	75%	0.0	20.95	18.81	90%	
Large-Scale Solar (1 to 5 MW)	6.0	6.6	-0.6	111%	0.0	16.70	16.34	98%	
Wind I with ITC (1.5 to 2.99 MW)						18.40			
Wind I with PTC (1.5 to 2.99 MW)						19.85			
Wind I with NFTI (1.5 to 2.99 MW)	5.0	6.0	1.0	120%	0.0	22.75	22.75	100%	
Wind II with ITC (3.0 to 5.0 MW)	3.0		-1.0			18.20			
Wind II with PTC (3.0 to 5.0 MW)						19.45			
Wind II with NFTI (3.0 to 5.0 MW)						22.35	22.35	100%	
Anaerobic Digestion with PTC (150 to 1,000 kW)						20.20			
Anaerobic Digestion with NFTI (150 to 1,000 kW)		0.0	1.5	0%	0.0	20.60			
Small-Scale Hydropower I with PTC (10 to 250 kW)	1.5					19.80			
Small-Scale Hydropower I with NFTI (10 to 250 kW)						21.35			
Small-Scale Hydropower II with PTC (251 to 1,000 kW)						18.55			
Small-Scale Hydropower II with NFTI (251 to 1,000 kW)						20.10			
Total:	25.0	22.9	2.1	92%	0.8				

Notes: The "Small-Scale Solar" Renewable Energy Class in this table may include multiple small-scale solar renewable energy classes with different standard Performance Based Incentives.

ITC = Investment Tax Credit; PTC = Production Tax Credit; NFTI = No Federal Tax Incentive

In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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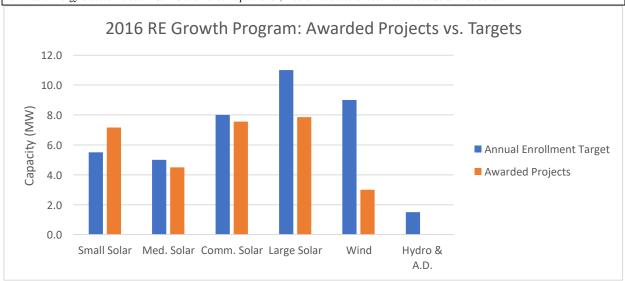
In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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2016 Renewable Energy Growth Program											
Renewable Energy Class	Annual Enrollment Target (MW)	Awarded Projects (MW)	Remaining Annual Enrollment Target (MW)	% of Target Procured	Cancelled Projects (MW)	Ceiling Price (cents/kWh)	Weighted Average PBI (cents/kWh)	% of Ceiling Price Awarded			
Small-Scale Solar (1 to 25 kW)	5.5	7.2	-1.7	130%	0.8	-	-	-			
Medium-Scale Solar (26 to 250 kW)	5.0	4.5	0.5	90%	2.0	22.55	22.55	100%			
Commercial-Scale Solar (251 to 999 kW)	8.0	7.6	0.4	94%	1.6	19.30	17.77	92%			
Large-Scale Solar (1 to 5 MW)	11.0	7.9	3.1	71%	7.9	15.10	12.58	83%			
Wind I (1.5 to 2.99 MW)		3.0	6.0	33%		18.75	18.75	100%			
Wind II (3.0 to 5.0 MW, 2-turbine)	9.0				3.0	18.00					
Wind III (3.0 to 5.0 MW, 3-turbine)						17.40					
Anaerobic Digestion I (150 to 500 kW)						20.00					
Anaerobic Digestion II (501 to 1,000 kW)	1.5	0.0	1.5	0%	0.0	20.00					
Small-Scale Hydropower I (10 to 250 kW)	1.5	0.0	1.5	0%	0.0	18.65					
Small-Scale Hydropower II (251 to 1,000 kW)						17.45		_			
Total:	40.0	30.1	9.9	75%	15.3						

Notes: The "Small-Scale Solar" Renewable Energy Class in this table may include multiple small-scale solar renewable energy classes with different standard Performance Based Incentives.

Renewable Energy Classes include ITC/PTC and Bonus Depreciation; Medium-scale solar does not include SolarWise bonus.



In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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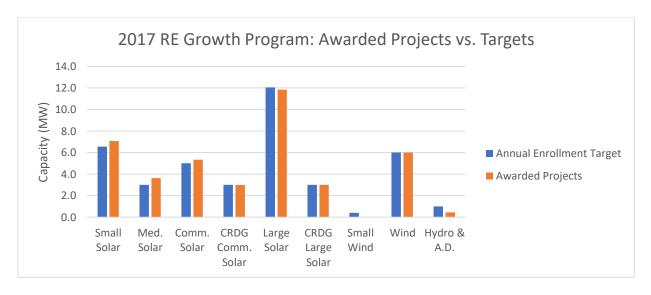
2017 Renewable Energy Growth Program										
Renewable Energy Class	Annual Enrollment Target (MW)	Awarded Projects (MW)	Remaining Annual Enrollment Target (MW)	% of Target Procured	Cancelled Projects (MW)	Ceiling Price (cents/kWh)	Weighted Average PBI (cents/kWh)	% of Ceiling Price Awarded		
Small-Scale Solar (1 to 25 kW)	6.6	7.1	-0.5	108%	1.0	-	-	-		
Medium-Scale Solar (26 to 250 kW)	3.0	3.6	-0.6	121%	1.5	22.75	22.75	100%		
Commercial-Scale Solar (251 to 999 kW DC)	5.0	5.3	-0.3	107%	1.4	18.75	17.19	92%		
Commercial-Scale Solar (251 to 999 kW DC, CRDG)	3.0	3.0	0.0	100%	1.0	20.65	20.58	100%		
Large-Scale Solar (1 to 5 MW)	12.1	11.9	0.2	98%	5.1	15.05	14.10	94%		
Large-Scale Solar (1 to 5 MW, CRDG)	3.0	3.0	0.0	100%	0.0	16.85	16.50	98%		
Small Wind (10 to 999 kW)	0.4	0.0	0.4	0%	0.0	21.45				
Wind I (1.0 to 2.99 MW) Wind I (1.0 to 2.99 MW) (CRDG) Wind II (3.0 to 5.0 MW, 2-turbine)						19.45 20.65 18.25	18.24	100%		
Wind II (3.0 to 5.0 MW, 2-turbine, CRDG) Wind III (3.0 to 5.0 MW, 3-turbine)	6.0	6.0	0.0	100%	0.0	19.35 17.35				
Wind III (3.0 to 5.0 MW, 3-tubine, CRDG)						18.55				
Anaerobic Digestion I (150 to 500 kW) Anaerobic Digestion II (501 to 1,000 kW)	1.0	0.5	0.6	45%	0.5	20.15				
Small-Scale Hydropower I (10 to 250 kW) Small-Scale Hydropower II (251 to 1,000 kW)						22.45	22.45	100%		
Total:	40.0	40.3	-0.3	101%	10.4	l				

Notes: The "Small-Scale Solar" Renewable Energy Class in this table may include multiple small-scale solar renewable energy classes with different standard Performance Based Incentives.

Medium-scale solar does not include SolarWise bonus.

In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

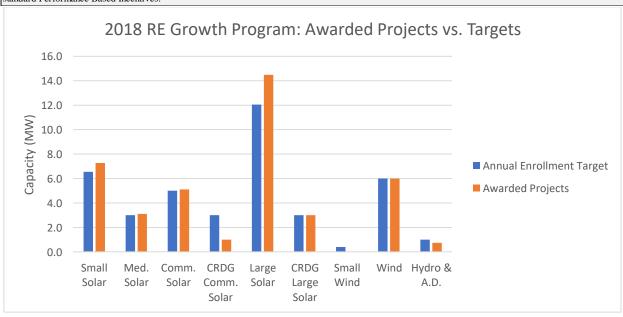
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In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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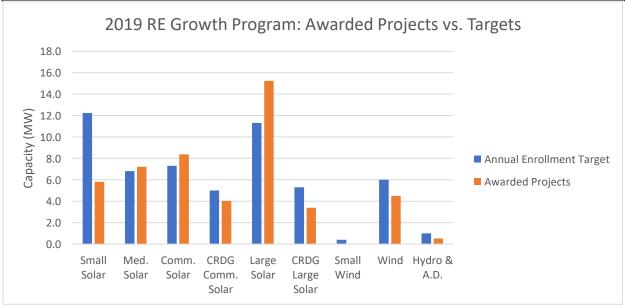
	2018 Renewable Energy Growth Program											
Renewable Energy Class	Annual Enrollment Target (MW)	Awarded Projects (MW)	Remaining Annual Enrollment Target (MW)	% of Target Procured	Cancelled Projects (MW)	Ceiling Price (cents/kWh)	Weighted Average PBI (cents/kWh)	% of Ceiling Price Awarded				
Small-Scale Solar (1 to 25 kW)	6.6	7.3	-0.7	111%	0.9	-	-	-				
Medium-Scale Solar (26 to 250 kW)	3.0	3.1	-0.1	103%	0.8	24.95	23.08	93%				
Commercial-Scale Solar (251 to 999 kW DC)	5.0	5.1	-0.1	102%	2.0	19.65	17.51	89%				
Commercial-Scale Solar (251 to 999 kW DC, CRDG)	3.0	1.0	2.0	33%	0.0	22.45	22.40	100%				
Large-Scale Solar (1 to 5 MW)	12.1	14.5	-2.4	120%	11.5	16.45	12.32	75%				
Large-Scale Solar (1 to 5 MW, CRDG)	3.0	3.0	0.0	100%	1.8	18.92	18.74	99%				
Small Wind (1 to 999 kW)	0.4	0.0	0.4	0%	0.0	22.25						
Large Wind (1.0 to 5.0 MW) Large Wind (1.0 to 5.0 MW, CRDG)	6.0	6.0	0.0	100%	0.0	17.55 19.35	17.55	100%				
Hydroelectric (1.0 to 5.0 MW) Anaerobic Digestion I (1.0 to 5.0 MW)	1.0	0.7	0.3	74%	0.7	24.55 20.55	24.55	100%				
Total:	40.0	40.7	-0.7	102%	17.7							



In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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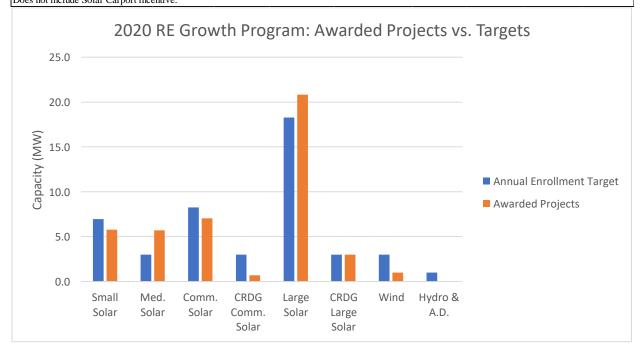
	2019 Renewable Energy Growth Program											
Renewable Energy Class	Annual Enrollment Target (MW)	Awarded Projects (MW)	Remaining Annual Enrollment Target (MW)	% of Target Procured	Cancelled Projects (MW)	Ceiling Price (cents/kWh)	Weighted Average PBI (cents/kWh)	% of Ceiling Price Awarded				
Small-Scale Solar (1 to 25 kW)	12.2	5.8	6.4	47%	0.8	-	-					
Medium-Scale Solar (26 to 250 kW)	6.8	7.2	-0.4	106%	1.9	23.55	23.18	98%				
Commercial-Scale Solar (251 to 999 kW)	7.3	8.4	-1.1	115%	3.7	17.85	16.93	95%				
Commercial-Scale Solar (251 to 999 kW, CRDG)	5.0	4.0	1.0	81%	2.6	20.53	20.16	98%				
Large-Scale Solar (1 to 5 MW)	11.3	15.2	-3.9	135%	10.9	15.15	12.75	84%				
Large-Scale Solar (1 to 5 MW, CRDG)	5.3	3.4	1.9	64%	3.4	17.42	12.87	74%				
Small Wind (1 to 999 kW)	0.4	0.0	0.4	0%	0.0	24.05						
Large Wind (1.0 to 5.0 MW) Large Wind (1.0 to 5.0 MW, CRDG)	6.0	4.5	1.5	75%	0.0	19.35 21.65	19.34	100%				
Hydroelectric (1.0 to 5.0 MW) Anaerobic Digestion I (1.0 to 5.0 MW)	1.0	0.5	0.5	52%	0.0	27.15 20.85	27.15	100%				
, m	55.3	49.1	6.3	89%	23.1		1 11 11					



In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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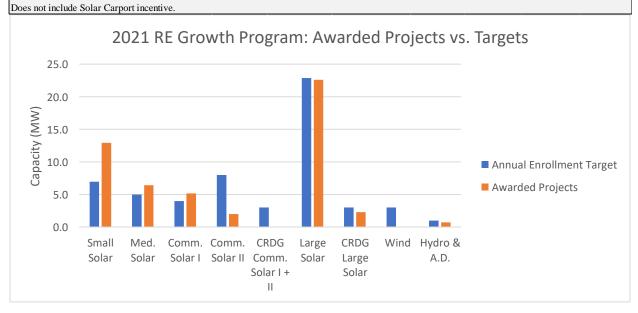
		2020 Re	newable Energy	Growth Program				
Renewable Energy Class	Annual Enrollment Target (MW)	Awarded Projects (MW)	Projects Annual % of Target Enrollment Procured		Cancelled Projects (MW)	Ceiling Price (cents/kWh)	Weighted Average PBI (cents/kWh)	% of Ceiling Price Awarded
Small-Scale Solar (1 to 25 kW)	7.0	5.8	1.2	83%	0.8	-	-	-
Medium-Scale Solar (26 to 250 kW)	3.0	5.7	-2.7	190%	1.7	21.15	20.18	95%
Commercial-Scale Solar (251 to 999 kW DC)	8.2	7.0	1.2	85%	0.3	18.25	17.81	98%
Commercial-Scale Solar (251 to 999 kW DC, CRDG)	3.0	0.7	2.3	23%	0.7	20.99	20.91	100%
Large-Scale Solar (1.0 to 5.0 MW)	18.3	20.8	-2.5	114%	8.0	13.65	13.03	95%
Large-Scale Solar (1.0 to 5.0 MW, CRDG)	3.0	3.0	0.0	100%	3.0	15.70	15.60	99%
Wind (Up to 5.0 MW) Wind (1.0 to 5.0 MW, CRDG)	3.0	1.0	2.0	33%	1.0	18.85 21.05	18.73	99%
Anaerobic Digestion I (1.0 to 5.0 MW)	1.0	0.0	1.0	0%	0.0	15.35		
Hydroelectric (1.0 to 5.0 MW) Total:	46.5	44.0	2.5	95%	15.4	21.45		



In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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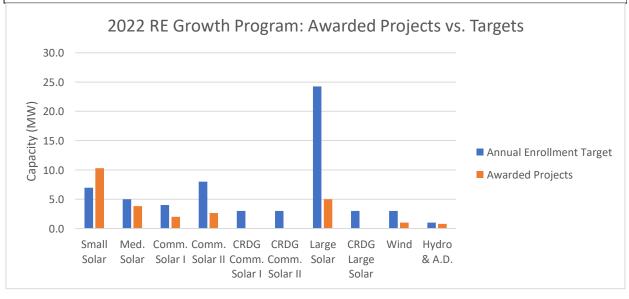
		2021 Re	newable Energy	Growth Program				
Renewable Energy Class	Annual Enrollment Target (MW)	Awarded Projects (MW)	Remaining Annual Enrollment Target (MW)	% of Target Procured	Cancelled Projects (MW)	Ceiling Price (cents/kWh)	Weighted Average PBI (cents/kWh)	% of Ceiling Price Awarded
Small-Scale Solar (1 to 25 kW)	7.0	12.9	-6.0	186%	1.8	-	-	-
Medium-Scale Solar (26 to 250 kW)	5.0	6.4	-1.4	128%	4.4	21.65	20.84	96%
Commercial-Scale Solar I (251 to 750 kW DC)	4.0	5.2	-1.2	129%	2.7	18.55	17.39	94%
Commercial-Scale Solar II (751 to 999 kW DC)	8.0	2.0	6.0	25%	0.0	15.25	15.20	100%
Commercial-Scale Solar (251 to 750 kW DC, CRDG) Commercial-Scale Solar (751 to 999 kW DC, CRDG)	3.0	0.0	3.0	0%	0.0	21.33		
Large-Scale Solar (1.0 to 5.0 MW DC)	22.9	22.6	0.3	99%	7.9	11.35	11.23	99%
Large-Scale Solar (1.0 to 5.0 MW DC, CRDG)	3.0	2.3	0.7	77%	2.3	13.05	12.95	99%
Wind (Up to 5.0 MW) Wind (Up to 5.0 MW, CRDG)	3.0	0.0	3.0	0%	0.0	18.75 21.05		
Anaerobic Digestion I (Up to 5.0 MW)	1.0	0.7	0.3	73%	0.0	15.85	26.07	000/
Hydroelectric (Up to 5.0 MW) Total:	56.8	52.1	4.7	92%	19.1	27.35	26.97	99%



In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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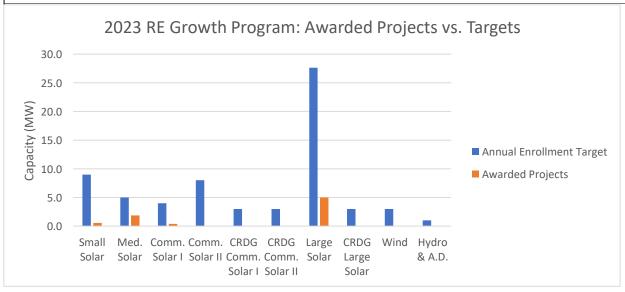
		2022 Re	newable Energy	Growth Program				
Renewable Energy Class	Annual Enrollment Target (MW)	Awarded Projects (MW)	Remaining Annual Enrollment Target (MW)	% of Target Procured	Cancelled Projects (MW)	Ceiling Price (cents/kWh)	Weighted Average PBI (cents/kWh)	% of Ceiling Price Awarded
Small-Scale Solar (1 to 25 kW)	7.0	10.3	-3.3	148%	0.5	-	-	-
Medium-Scale Solar (26 to 250 kW DC)	5.0	3.8	1.2	76%	1.2	24.45	23.54	96%
Commercial-Scale Solar I (251 to 500 kW DC)	4.0	2.0	2.0	50%	0.0	19.25	17.79	92%
Commercial-Scale Solar II (501 to 999 kW DC)	8.0	2.6	5.4	33%	1.0	15.75	15.75	100%
Commercial-Scale Solar (251 to 500 kW DC, CRDG)	3.0	0.0	3.0	0%	0.0	22.14		
Commercial-Scale Solar (501 to 999 kW DC, CRDG)	3.0	0.0	3.0	0%	0.0	18.11		
Large-Scale Solar (1.0 to 5.0 MW DC)	24.3	5.0	19.3	21%	0.0	10.95	10.85	99%
Large-Scale Solar (1.0 to 5.0 MW DC, CRDG)	3.0	0.0	3.0	0%	0.0	12.59		
Wind (Up to 5.0 MW) Wind (Up to 5.0 MW, CRDG)	3.0	1.0	2.0	33%	0.0	22.40 24.60	21.98	98%
Anaerobic Digestion (Up to 5.0 MW)	1.0	0.8	0.2	79%	0.0	25.55		
Hydroelectric (Up to 5.0 MW) Total:	61.2	25.5	35.7	42%	2.8	37.15	37.15	100%



In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

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		2023 Re	newable Energy	Growth Program				
Renewable Energy Class	Annual Enrollment Target (MW)	Awarded Projects (MW)	Remaining Annual Enrollment Target (MW)	% of Target Procured	Cancelled Projects (MW)	Ceiling Price (cents/kWh)	Weighted Average PBI (cents/kWh)	% of Ceiling Price Awarded
Small-Scale Solar (1 to 25 kW)	9.0	0.6	8.4	6%	0.0	-	-	-
Medium-Scale Solar (>25 to 250 kW DC)	5.0	1.9	3.1	38%	0.0	25.65	25.23	98%
Commercial-Scale Solar I (>250 to 500 kW DC)	4.0	0.4	3.6	10%	0.0	22.05	22.04	100%
Commercial-Scale Solar II (>500 to 1,000 kW DC)	8.0	0.0	8.0	0%	0.0	19.05		
Commercial-Scale Solar (>250 to 500 kW DC, CRDG)	3.0	0.0	3.0	0%	0.0	25.15		
Commercial-Scale Solar (>500 to 1,000 kW DC, CRDG)	3.0	0.0	3.0	0%	0.0	21.91		
Large-Scale Solar (>1.0 to 5.0 MW DC)	27.6	5.0	22.6	18%	0.0	14.35	14.34	100%
Large-Scale Solar (>1.0 to 5.0 MW DC, CRDG)	3.0	0.0	3.0	0%	0.0	16.50		
Wind (>0 to 5.0 MW)	3.0	0.0	3.0	0%	0.0	19.15		
Wind (>0 to 5.0 MW, CRDG)						21.15		
Anaerobic Digestion (>0 to 5.0 MW)	1.0	0.0	1.0	0%	0.0	19.05		
Hydroelectric (>0 to 5.0 MW) Total:	66.6	7.8	58.8	12%	0.0	31.95		



In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

PUC 2-5

Request:

Refer to "SEA Table 7 – OER and DG Board Recommended Megawatt Allocation Plan" on page 57 of the Testimony of Kennerly and Armstrong. Using a forecast of energy/capacity/REC prices and technology-appropriate capacity factors that the Company may use in evaluating long-term contract purchases, please provide illustrative estimates of the following:

- a. The incremental net cost to ratepayers in 2027 (from the 2024 procurement year) based on the simplifying assumption that there was a procurement of 100% of the 2024 program year targets at 100% of the proposed ceiling prices and every project is in commercial operation for the entire year of 2027;
- b. The incremental net cost to ratepayers in 2027 (for the 2024 procurement year) based on the simplifying assumption that there was a procurement of 75% of the 2024 program year targets at 75% of the proposed ceiling prices and every project is in commercial operation for the entire year of 2027.

Response:

- a. Under these assumptions, the Company estimates \$17,069,018 of incremental net costs to ratepayers in 2027. Please see Page 1 of 2 of Attachment PUC 2-5 for a breakdown of the Company's estimate.
- b. Under these assumptions, the Company estimates \$7,482,921 of incremental net costs to ratepayers in 2027. Please see Page 2 of 2 of Attachment PUC 2-5 for a breakdown of the Company's estimate.

Incremental Cost to Ratepayers: 100% Procurement at 100% of Proposed Ceiling Prices

	(A)	(B)	(C)	$(D) = (B) \times (C) \times 8,760$	(E)	(F)	(G)	$(\mathbf{H}) = (\mathbf{D}) \times (\mathbf{E})$	(I) = (D) x - [(F) + (G)]	$(\mathbf{J}) = (\mathbf{H}) + (\mathbf{I})$
		Unit Capacity	Unit Availability	Estimated Annual Output	Performance Based Incentive	Energy Market	REC Market		Estimated Market	Estimated Annual Net
	Renewable Energy Class	(kW)	Factor	(kWh)	(PBI) Price (\$/kWh)	Proxy (\$/kWh)	Proxy (\$/kWh)	Estimated Annual Cost	Value	Cost
(1)	Small Solar I	9,000	12%	9,460,800	\$ 0.36450	\$ -	\$ 0.03939	\$ 3,448,462	\$ (372,661)	\$ 3,075,801
(2)	Medium Solar	5,000	12%	5,256,000	\$ 0.33150	\$ 0.05805	\$ 0.03939	\$ 1,742,364	\$ (512,145)	\$ 1,230,219
(3)	Commercial Solar I	7,500	12%	7,884,000	\$ 0.34350	\$ 0.05805	\$ 0.03939	\$ 2,708,154	\$ (768,217)	\$ 1,939,937
(4)	Commercial Solar I (CDRG)	500	12%	525,600	\$ 0.29350	\$ 0.05805	\$ 0.03939	\$ 154,264	\$ (51,214)	\$ 103,049
(5)	Commercial Solar II	10,500	12%	11,037,600	\$ 0.32250	\$ 0.05805	\$ 0.03939	\$ 3,559,626	\$ (1,075,504)	\$ 2,484,122
(6)	Commercial Solar II (CDRG)	1,000	12%	1,051,200	\$ 0.27350	\$ 0.05805	\$ 0.03939	\$ 287,503	\$ (102,429)	\$ 185,074
(7)	Large Solar I	15,000	12%	15,768,000	\$ 0.18650	\$ 0.05805	\$ 0.03939	\$ 2,940,732	\$ (1,536,434)	\$ 1,404,298
(8)	Large Solar I (CDRG)	5,000	12%	5,256,000	\$ 0.21350	\$ 0.05805	\$ 0.03939	\$ 1,122,156	\$ (512,145)	\$ 610,011
(9)	Large Solar II	35,000	12%	36,792,000	\$ 0.18050	\$ 0.05805	\$ 0.03939	\$ 6,640,956	\$ (3,585,012)	\$ 3,055,944
(10)	Large Solar III	15,000	12%	15,768,000	\$ 0.18450	\$ 0.05805	\$ 0.03939	\$ 2,909,196	\$ (1,536,434)	\$ 1,372,762
(11)	Wind	1,500	19%	2,496,600	\$ 0.20250	\$ 0.06806	\$ 0.03939	\$ 505,562	\$ (268,260)	\$ 237,302
(12)	Wind CRDG	1,500	19%	2,496,600	\$ 0.22050	\$ 0.06806	\$ 0.03939	\$ 550,500	\$ (268,260)	\$ 282,241
(13)	Anareobic Digestion	500	81%	3,547,800	\$ 0.19050	\$ 0.06435	\$ 0.03939	\$ 675,856	\$ (368,049)	\$ 307,807
(14)	Small Scale Hydropower	500	75%	3,285,000	\$ 0.34150	\$ 0.06453	\$ 0.03939	\$ 1,121,828	\$ (341,377)	\$ 780,450
(15)	TOTAL	107,500		120,625,200		•	•	\$ 28,367,158	\$ (11,298,140)	\$ 17,069,018

Notes:

- (A) Source: RIPUC Docket No. 23-44-REG, Direct Testimony of Jim Kennerly and Tobin Armstrong, Sustainable Energy Advantage, LLC, Page 57, SEA Table 7 OER and DG Board Recommended Megawatt Allocation Plan (2024 2026 Program Years).
- (B) Source: RIPUC Docket No. 23-44-REG, Direct Testimony of Jim Kennerly and Tobin Armstrong, Sustainable Energy Advantage, LLC, Page 57, SEA Table 7 OER and DG Board Recommended Megawatt Allocation Plan (2024 2026 Program Years).
- (C) Source: RIPUC Docket No. 23-45-EL, Attachment 1 (Compliance), Page 2 of 6, Column (c): Solar (Various); Wind (Wind Energy Dev. NK Green LLC Asset No. 42394); Anaerobic (RI LFG Genco Asset No. 40054); Hydro (Black Bear Orono B Hydro Asset No. 43685).
- (E) Source: RIPUC Docket No. 23-44-REG, Direct Testimony of Jim Kennerly and Tobin Armstrong, Sustainable Energy Advantage, LLC, Page 57, SEA Table 5 Comparison of Approved 2023 Program Year (PY) and Recommended 2024-2026 PY Prices (\$\psi/kWh\$).
- (F) Source: RIPUC Docket No. 23-45-EL, Attachment 1 (Compliance), Page 3 of 6, Column (b): Solar (Various); Wind (Wind Energy Dev. NK Green LLC Asset No. 42394); Anaerobic (RI LFG Genco Asset No. 40054); Hydro (Black Bear Orono B Hydro Asset No. 43685).
- (G) Source: RIPUC Docket No. 23-45-EL, Attachment 1 (Compliance), Page 3 of 6, Column (d).

Incremental Cost to Ratepayers: 75% Procurement at 75% of Proposed Ceiling Prices

	(A)	(B)	(C)	$(D) = (B) \times (C) \times 8,760$	(E)	(F)	(G)	$(\mathbf{H}) = (\mathbf{D}) \times (\mathbf{E})$	(I) = (D) x - [(F) + (G)]	$(\mathbf{J}) = (\mathbf{H}) + (\mathbf{I})$
		Unit Capacity	Unit Availability	Estimated Annual Output	Performance Based Incentive	Energy Market	REC Market		Estimated Market	Estimated Annual Net
	Renewable Energy Class	(kW)	Factor	(kWh)	(PBI) Price (\$/kWh)	Proxy (\$/kWh)	Proxy (\$/kWh)	Estimated Annual Cost	Value	Cost
(1)	Small Solar I	6,750	12%	7,095,600	\$ 0.27338	\$ -	\$ 0.03939	\$ 1,939,760	\$ (279,496)	\$ 1,660,264
(2)	Medium Solar	3,750	12%	3,942,000	\$ 0.24863	\$ 0.05805	\$ 0.03939	\$ 980,080	\$ (384,108)	\$ 595,971
(3)	Commercial Solar I	5,625	12%	5,913,000	\$ 0.25763	\$ 0.05805	\$ 0.03939	\$ 1,523,337	\$ (576,163)	\$ 947,174
(4)	Commercial Solar I (CDRG)	375	12%	394,200	\$ 0.22013	\$ 0.05805	\$ 0.03939	\$ 86,773	\$ (38,411)	\$ 48,362
(5)	Commercial Solar II	7,875	12%	8,278,200	\$ 0.24188	\$ 0.05805	\$ 0.03939	\$ 2,002,290	\$ (806,628)	\$ 1,195,662
(6)	Commercial Solar II (CDRG)	750	12%	788,400	\$ 0.20513	\$ 0.05805	\$ 0.03939	\$ 161,721	\$ (76,822)	\$ 84,899
(7)	Large Solar I	11,250	12%	11,826,000	\$ 0.13988	\$ 0.05805	\$ 0.03939	\$ 1,654,162	\$ (1,152,325)	\$ 501,836
(8)	Large Solar I (CDRG)	3,750	12%	3,942,000	\$ 0.16013	\$ 0.05805	\$ 0.03939	\$ 631,213	\$ (384,108)	\$ 247,104
(9)	Large Solar II	26,250	12%	27,594,000	\$ 0.13538	\$ 0.05805	\$ 0.03939	\$ 3,735,538	\$ (2,688,759)	\$ 1,046,778
(10)	Large Solar III	11,250	12%	11,826,000	\$ 0.13838	\$ 0.05805	\$ 0.03939	\$ 1,636,423	\$ (1,152,325)	\$ 484,097
(11)	Wind	1,125	19%	1,872,450	\$ 0.15188	\$ 0.06806	\$ 0.03939	\$ 284,378	\$ (201,195)	\$ 83,184
(12)	Wind CRDG	1,125	19%	1,872,450	\$ 0.16538	\$ 0.06806	\$ 0.03939	\$ 309,656	\$ (201,195)	\$ 108,462
(13)	Anareobic Digestion	375	81%	2,660,850	\$ 0.14288	\$ 0.06435	\$ 0.03939	\$ 380,169	\$ (276,037)	\$ 104,132
(14)	Small Scale Hydropower	375	75%	2,463,750	\$ 0.25613	\$ 0.06453	\$ 0.03939	\$ 631,028	\$ (256,033)	\$ 374,995
(15)	TOTAL	80,625		90,468,900				\$ 15,956,526	\$ (8,473,605)	\$ 7,482,921

Notes:

- (A) Source: RIPUC Docket No. 23-44-REG, Direct Testimony of Jim Kennerly and Tobin Armstrong, Sustainable Energy Advantage, LLC, Page 57, SEA Table 7 OER and DG Board Reocmmended Megawatt Allocation Plan (2024 2026 Program Years).
- (B) Source: RIPUC Docket No. 23-44-REG, Direct Testimony of Jim Kennerly and Tobin Armstrong, Sustainable Energy Advantage, LLC, Page 57, SEA Table 7 OER and DG Board Recommended Megawatt Allocation Plan (2024 2026 Program Years) x 75%.
- (C) Source: RIPUC Docket No. 23-45-EL, Attachment 1 (Compliance), Page 2 of 6, Column (c): Solar (Various); Wind (Wind Energy Dev. NK Green LLC Asset No. 42394); Anaerobic (RI LFG Genco Asset No. 40054); Hydro (Black Bear Orono B Hydro Asset No. 43685).
- (E) Source: RIPUC Docket No. 23-44-REG, Direct Testimony of Jim Kennerly and Tobin Armstrong, Sustainable Energy Advantage, LLC, Page 57, SEA Table 5 Comparison of Approved 2023 Program Year (PY) and Recommended 2024-2026 PY Prices (¢/kWh)x 75%.
- (F) Source: RIPUC Docket No. 23-45-EL, Attachment 1 (Compliance), Page 3 of 6, Column (b): Solar (Various); Wind (Wind Energy Dev. NK Green LLC Asset No. 42394); Anaerobic (RI LFG Genco Asset No. 40054); Hydro (Black Bear Orono B Hydro Asset No. 43685).
- (G) Source: RIPUC Docket No. 23-45-EL, Attachment 1 (Compliance), Page 3 of 6, Column (d).

In Re: 2024-2026 Renewable Energy Growth Program – Classes, Ceiling Prices, and Capacity Targets and 2024-2026 Renewable Energy Growth Program – Tariffs and Solicitation and Enrollment Process Rules Responses to the Commission's Second Set of Data Requests Issued on January 9, 2024

PUC 2-6

Request:

The 2023 changes to the RE Growth statute, R.I. Gen. Laws § 39-26.6-25 changed the filing date for the budget forecast and factor to November 15th prior to the program year. When will RI Energy make the Program Year 2024 budget and factor filing?

Response:

The Company will make its budget and factor filing for Program Year 2024 (April 2024 through March 2025) for effect January 2025 through December 2025 on November 15, 2024.

The Company will file a letter with the Commission by March 1, 2024, proposing to extend the Company's currently effective Renewable Energy Growth Factors (effective October 1, 2023, through September 30, 2024) for an additional three months, from October 1, 2024, through December 31, 2024. Any over-or-under recovery of revenue due to the extension will be collected from or returned to customers via the RE Growth Factor reconciliation mechanisms. The use of the extended Program Year 2023 (April 2023 through March 2024) rates for the period October 2024 through December 2024 will "bridge" the Company to calendar year rate effective periods.