



Solar Massachusetts Renewable Target (SMART) Program

(Information Provided by the Massachusetts Department of Energy Resources)

Guideline on Capacity Blocks, Base Compensation Rates, and Compensation Rate Adders

Updated: January 11, 2018

Purpose

"This Guideline provides information regarding the sizes of Capacity Blocks, Base Compensation Rates, and Compensation Rate Adders under the SMART Program, as those terms are defined in 225 CMR 20.02. In particular, it provides stakeholders with information on the amount of capacity available in each Capacity Block and the value of Base Compensation Rates for Solar Tariff Generation Units that are qualified within a particular Capacity Block. It provides these values for each specific Distribution Company and Generation Unit capacity category. In addition, it also provides information on the value of Compensation Rate Adders under the SMART Program by type and adder tranche."

Use of this Guideline

"The second worksheet of this Guideline provides a summary of Capacity Block sizes by Distribution Company.

The third worksheet of this Guideline provides a summary of Base Compensation Rates (\$/kWh) by Distribution Company service territory, Generation Unit capacity (MW AC), and Capacity Block.

The fourth worksheet of this Guideline provides a summary of Compensation Rate Adders (\$/kWh) by type and adder tranche.

Note: This Guideline will be updated on an as needed basis as programmatic changes occur (e.g. adder tranche sizes are established, available capacity is shifted to a current block, etc.)"



Summary of Base Compensation Rates by Service Territory, Generation Unit Capacity, and Capacity Block

Electric Distribution Company	Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
Fitchburg Gas & Electric d/b/a Until ^{1 2}	Low income less than or equal to 25 kW AC	230%	10-year	\$0.35795	\$0.32645	\$0.29772	\$0.27152	Not Applicable			
	Less than or equal to 25 kW AC	200%	10-year	\$0.31126	\$0.28387	\$0.25889	\$0.23611				
	Greater than 25 kW AC to 250 kW AC	150%	20-year	\$0.23345	\$0.21290	\$0.19417	\$0.17708				
	Greater than 250 kW AC to 500 kW AC	125%	20-year	\$0.19454	\$0.17742	\$0.16181	\$0.14757				
	Greater than 500 kW AC to 1,000 kW AC	110%	20-year	\$0.17119	\$0.15613	\$0.14239	\$0.12986				
	Greater than 1,000 kW AC to 5,000 kW AC	100%	20-year	\$0.15563	\$0.14193	\$0.12944	\$0.11805				
Massachusetts Electric d/b/a National Grid ³	Low income less than or equal to 25 kW AC	230%	10-year	\$0.35795	\$0.34363	\$0.32989	\$0.31669	\$0.30402	\$0.29186	\$0.28019	\$0.26898
	Less than or equal to 25 kW AC	200%	10-year	\$0.31126	\$0.29881	\$0.28686	\$0.27538	\$0.26437	\$0.25379	\$0.24364	\$0.23390
	Greater than 25 kW AC to 250 kW AC	150%	20-year	\$0.23345	\$0.22411	\$0.21514	\$0.20654	\$0.19828	\$0.19034	\$0.18273	\$0.17542
	Greater than 250 kW AC to 500 kW AC	125%	20-year	\$0.19454	\$0.18676	\$0.17929	\$0.17211	\$0.16523	\$0.15862	\$0.15228	\$0.14618
	Greater than 500 kW AC to 1,000 kW AC	110%	20-year	\$0.17119	\$0.16435	\$0.15777	\$0.15146	\$0.14540	\$0.13959	\$0.13400	\$0.12864
	Greater than 1,000 kW AC to 5,000 kW AC	100%	20-year	\$0.15563	\$0.14940	\$0.14343	\$0.13769	\$0.13218	\$0.12690	\$0.12182	\$0.11695
Nantucket Electric d/b/a National Grid ^{4 5}	Low income less than or equal to 25 kW AC	230%	10-year	\$0.39100	\$0.32844	Not Applicable					
	Less than or equal to 25 kW AC	200%	10-year	\$0.34000	\$0.28560						
	Greater than 25 kW AC to 250 kW AC	150%	20-year	\$0.25500	\$0.21420						
	Greater than 250 kW AC to 500 kW AC	125%	20-year	\$0.21250	\$0.17850						
	Greater than 500 kW AC to 1,000 kW AC	110%	20-year	\$0.18700	\$0.15708						
	Greater than 1,000 kW AC to 5,000 kW AC	100%	20-year	\$0.17000	\$0.14280						
NSTAR d/b/a Eversource Energy ⁶	Low income less than or equal to 25 kW AC	230%	10-year	\$0.39100	\$0.37536	\$0.36035	\$0.34593	\$0.33209	\$0.31881	\$0.30606	\$0.29382
	Less than or equal to 25 kW AC	200%	10-year	\$0.34000	\$0.32640	\$0.31334	\$0.30081	\$0.28878	\$0.27723	\$0.26614	\$0.25549
	Greater than 25 kW AC to 250 kW AC	150%	20-year	\$0.25500	\$0.24480	\$0.23501	\$0.22561	\$0.21658	\$0.20792	\$0.19960	\$0.19162
	Greater than 250 kW AC to 500 kW AC	125%	20-year	\$0.21250	\$0.20400	\$0.19584	\$0.18801	\$0.18049	\$0.17327	\$0.16634	\$0.15968
	Greater than 500 kW AC to 1,000 kW AC	110%	20-year	\$0.18700	\$0.17952	\$0.17234	\$0.16545	\$0.15883	\$0.15247	\$0.14638	\$0.14052
	Greater than 1,000 kW AC to 5,000 kW AC	100%	20-year	\$0.17000	\$0.16320	\$0.15667	\$0.15041	\$0.14439	\$0.13861	\$0.13307	\$0.12775
WMECO d/b/a Eversource Energy ⁷	Low income less than or equal to 25 kW AC	230%	10-year	\$0.32862	\$0.31548	\$0.30286	\$0.29075	\$0.27912	\$0.26795	\$0.25723	\$0.24694
	Less than or equal to 25 kW AC	200%	10-year	\$0.28576	\$0.27433	\$0.26336	\$0.25282	\$0.24271	\$0.23300	\$0.22368	\$0.21473
	Greater than 25 kW AC to 250 kW AC	150%	20-year	\$0.21432	\$0.20575	\$0.19752	\$0.18962	\$0.18203	\$0.17475	\$0.16776	\$0.16105
	Greater than 250 kW AC to 500 kW AC	125%	20-year	\$0.17860	\$0.17146	\$0.16460	\$0.15801	\$0.15169	\$0.14563	\$0.13980	\$0.13421
	Greater than 500 kW AC to 1,000 kW AC	110%	20-year	\$0.15717	\$0.15088	\$0.14485	\$0.13905	\$0.13349	\$0.12815	\$0.12302	\$0.11810
	Greater than 1,000 kW AC to 5,000 kW AC	100%	20-year	\$0.14288	\$0.13716	\$0.13168	\$0.12641	\$0.12135	\$0.11650	\$0.11184	\$0.10737



Summary of Compensation Rate Adder Values by Type and Adder Tranche

Adder Type ¹	Generation Unit Type	Adder Tranche and Value (\$/kWh) ²							
		Adder Tranche 1 (80 MW)	Adder Tranche 2 (TBD)	Adder Tranche 3 (TBD)	Adder Tranche 4 (TBD)	Adder Tranche 5 (TBD)	Adder Tranche 6 (TBD)	Adder Tranche 7 (TBD)	Adder Tranche 8 (TBD)
Location Based	Building Mounted Solar Tariff Generation Unit	\$0.02000	\$0.01920	\$0.01843	\$0.01769	\$0.01699	\$0.01631	\$0.01566	\$0.01503
	Floating Solar Tariff Generation Unit	\$0.03000	\$0.02880	\$0.02765	\$0.02654	\$0.02548	\$0.02446	\$0.02348	\$0.02254
	Solar Tariff Generation Unit on a Brownfield	\$0.03000	\$0.02880	\$0.02765	\$0.02654	\$0.02548	\$0.02446	\$0.02348	\$0.02254
	Solar Tariff Generation Unit on an Eligible Landfill	\$0.04000	\$0.03840	\$0.03686	\$0.03539	\$0.03397	\$0.03261	\$0.03131	\$0.03006
	Canopy Solar Tariff Generation Unit	\$0.06000	\$0.05760	\$0.05530	\$0.05308	\$0.05096	\$0.04892	\$0.04697	\$0.04509
	Agricultural Solar Tariff Generation Unit	\$0.06000	\$0.05760	\$0.05530	\$0.05308	\$0.05096	\$0.04892	\$0.04697	\$0.04509
Off-taker Based	Community Shared Solar Tariff Generation Unit	\$0.05000	\$0.04800	\$0.04608	\$0.04424	\$0.04247	\$0.04077	\$0.03914	\$0.03757
	Low Income Property Solar Tariff Generation Unit	\$0.03000	\$0.02880	\$0.02765	\$0.02654	\$0.02548	\$0.02446	\$0.02348	\$0.02254
	Low Income Community Shared Solar Tariff Generation Unit	\$0.06000	\$0.05760	\$0.05530	\$0.05308	\$0.05096	\$0.04892	\$0.04697	\$0.04509
	Public Entity Solar Tariff Generation Unit	\$0.02000	\$0.01920	\$0.01843	\$0.01769	\$0.01699	\$0.01631	\$0.01566	\$0.01503
Energy Storage ³	Energy Storage Adder	Variable	Variable	Variable	Variable	Variable	Variable	Variable	Variable
Solar Tracking	Solar Tracking Adder	\$0.01000	\$0.00960	\$0.00922	\$0.00885	\$0.00849	\$0.00815	\$0.00783	\$0.00751

