

ORANGE AND ROCKLAND UTILITIES, INC.

Case 15-E-0751, In the Matter of the Value of Distributed Energy Resources
Order Adopting Net Metering Successor Tariffs with modifications issued and effective August 13, 2021
CBC Workpapers for Rate Effective January 1, 2024
CBC Rate Design for Phase One NEM and Value Stack

		SC1	SC2 Sec NDB	SC19
Phase One NEM Calculations				
Programs included in CBC calculation				
(1) SBC - Clean Energy Fund (CEF) per kWh		\$0.00727	\$0.00727	\$0.00727
(2) Low Income Program				
Actual spend last 12 months of available data				\$ 12,114,264
Allocation to SC		62.35%	1.03%	2.19%
Target Spending		\$7,552,928	\$124,995	\$264,967
kWh per SC		1,638,238,549	28,943,075	68,450,253
per kWh rate		\$0.004610	\$0.004320	\$0.003870
(3) Energy Efficiency Program				
Program Budget (in Base Rates)				\$ 3,981,000
Allocation to SC		62.35%	1.03%	2.19%
Target Spending		\$2,482,050	\$41,076	\$87,074
kWh per SC		1,638,238,549	28,943,075	68,450,253
per kWh rate		\$0.001520	\$0.001420	\$0.001872
SUBTOTAL				
Per kWh Public Benefit Costs Solar		\$0.013400	\$0.013010	\$0.013012
Per kW Public Benefit Costs Non-Solar		\$0.013400	\$0.013010	\$0.013012

PHASE ONE NEM

Technology	Monthly kWh Production of 1 kW installed	CBC per kW installed		
Solar PV	103.8	\$1.39	\$1.35	\$1.35
Land Wind*	103.8	\$1.39	\$1.35	\$1.35
Micro-Hydroelectric*	103.8	\$1.39	\$1.35	\$1.35
Fuel Cells/Farm Waste/ Micro CHP	635.1	\$8.51	\$8.26	\$8.26

* Wind and Micro-Hydroelectric were set equal to Solar PV as per Commission's August 13, 2021 order.

Value Stack	Self-consumed Energy Ratio	50%	70%	50%
		SC1	SC2 Sec NDB	SC19
Solar PV		\$0.70	\$0.95	\$0.68
Land Wind		\$0.70	\$0.95	\$0.68
Micro-Hydroelectric		\$0.70	\$0.95	\$0.68
Fuel Cells/Farm Waste/ Micro CHP		\$4.26	\$5.78	\$4.13

% self consumed energy	
Residential Factor	50%
Small Commercial Factor	70%

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Determining the Public Policy %

	SC1	SC2 Sec NDB	SC19	Total
Revenue Allocation based on 2023 RY	\$225,116,477	\$3,725,514	\$7,897,381	\$361,068,002
% allocation	62.3%	1.0%	2.2%	100.0%
Customer Charge Rev	\$53,476,000	\$1,155,587	\$1,181,500	\$64,547,687
Revenue excl Cust Chg Rev	\$171,640,477	\$2,569,927	\$6,715,881	\$296,520,315
% allocation after excl Cust Chg Rev	57.9%	0.9%	2.3%	100.0%
Low Income in Base Rev	\$7,552,928	\$124,995	\$264,967	\$12,114,264
Energy Efficiency in Base Rev	\$2,482,050	\$41,076	\$87,074	\$3,981,000
Total Pub Policy in Base Rev	10,034,977	166,072	352,040	16,095,264
Low Income as % of Rev excl Cust	4.400%	4.864%	3.945%	4.085%
Energy Efficiency as % of Rev excl Cust	1.446%	1.598%	1.297%	1.343%
Pub Policy as % of Rev excl Cust	5.847%	6.462%	5.242%	5.428%