

NIAGARA MOHAWK POWER CORPORATION  
INITIAL EFFECTIVE DATE: MARCH 29, 2019

STATEMENT TYPE: CESS  
WORKPAPER FOR STATEMENT NO. 3  
Attachment 1  
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### Clean Energy Standard - Supply Charge Calculation (CESS)

#### Rule 46.3.5

##### Section 1: Calculation of Annual RES Obligation Costs (April - March)

1	NYSERDA Compliance Year 2019 REC Price (\$/MWh)	\$	22.43
2	NYSERDA Compliance Year 2020 REC Price (\$/MWh)	\$	23.00
3	2019 REC Obligation (%)		0.78%
4	2020 REC Obligation (%)		2.84%
5	Incremental Cost (\$/MWh)	\$	0.29452
6	Retail Loss factor		1.084
7	Incremental Retail RES Cost (\$/kWh)	\$	0.00032

##### Section 2: Calculation of Annual ZEC Obligation Costs (April - March)

8	Compliance Year 2019-20 ZEC Price (\$/MWh)	\$	19.59
9	Forecast Nuclear Production Cap (MWh)		27,618,000
10	NG ZEC Program Share (%)		9.27911%
11	Total ZEC cost (NYSERDA) (\$)	\$	50,203,351.77
12	Forecast Full Retail Commodity Sales (kWh)		13,319,144,768
13	Incremental Cost (\$/kWh)	\$	0.00377

##### Section 3: CESS Reconciliation Adjustments from Prior Years Costs

14	Under (Over) Collection of Costs (\$)	\$	(4,240)
15	VDER Environmental Market Value (\$)	\$	6,669
16	Total Estimated Under (Over) Collection (\$)	\$	2,429
17	Forecast Full Retail Commodity Sales (kWh)		13,319,144,768
18	Adjustment to Annual CESS Charge (\$/kWh)	\$	0.00000
19	TOTAL CESS Charge (\$/kWh)	\$	0.00409

#### Notes:

- 1) Published NYSERDA Tier 1 REC Price 2019
- 2) Forecasted from Electric Supply
- 3) 2019 LSE REC Compliance Percentage
- 4) 2020 LSE REC Compliance Percentage
- 5) (Line 3 \* 9/12 \* Line 1) + (Line 4 \* 3/12 \* Line 2)
- 6) Loss factor for secondary voltages, per Rule 39.18.1.1 of the Tariff
- 7) (Line 5 / 1000) \* Line 6
- 8) Case 15-E-0302 Letter Regarding Tranche 2, 3/07/2019
- 9) Case 15-E-0302, Order Adopting a Clean Energy Standard, 08/01/2016
- 10) Data received from NYSERDA
- 11) Data received from NYSERDA
- 12) From Company's October 2018 Forecast
- 13) Line 11 / Line 12
- 14) Attachment 2, Column 10
- 15) Attachment 3, Column c, per rule 40.3.2.3.2 of PSC No. 220 Electricity
- 16) Line 14 + Line 15
- 18) Line 16 / Line 17
- 19) Line 7 + Line 13 + Line 18