

NES Controllable OPEX Cost by Cost Center

DLC

Sum of Amount Receiving Cost Center	Cost Type	Order Charged	Order Description	Description	Fiscal Year / Period - Key NG/001/2018	NG/002/2018	NG/003/2018	NG/004/2018	NG/005/2018	NG/006/2018	NG/007/2018	NG/008/2018	Grand Total
180-NES-NY Projects	Base Labor-Monthly	X521E015569	5110S-NIMOE REV- Dem RESP Resi DLC		838.4	1,816.40	512.55	95.60	729.52	663.20	663.20	696.36	2,750.40 4,199.48 397.20
					1400.41	1,062.38	627.77	(324.19)	2,214.50	2,060.00	2,060.00	1,287.50	10,918.56
					-168.53	336.64	(9,106.97)	54.36	(61.79)	(325.91)	532.26	(266.76)	(9,385.25)
							135.90	144.75	86.85	173.70	86.85	682.41	682.41
							148.42	371.05	347.49	617.76	270.27	501.93	2,256.92
								52.10	120.09	35.52	107.12	53.56	368.39
	Base Labor-Time Not Worked	X521E015569	5110S-NIMOE REV- Dem RESP Resi DLC	Base Labor-Time Not Worked	357.12	392.20	(1,250.23)	291.65	602.81	576.74	647.38	363.35	1,981.02
	Consultants	X521E015569	5110S-NIMOE REV- Dem RESP Resi DLC	May-17 EE IT Dev accrual Niagara Mohawk Power Corp NES 5110 Acrl P03FY18-BH		2,164.44	(2,164.44)		1,360.30				-
				Jun-17 EE IT Dev accrual		20,166.25	(20,166.25)						-
				NES 5110 Acrl P04FY18-BH		13,141.69	(13,141.69)						-
				Jul-17 EE IT Dev accrual			4,000.00		(4,000.00)				-
				NES 5110 Acrl P05FY18-BH			14,551.15		(14,551.15)				-
				Aug-17 EE IT Dev accrual					927.75				-
				Massachusetts Electric Co					17,045.16				-
				Sep-17 EE IT Dev accrual					787.54		3,282.64	23,026.88	31,657.16
				Oct-17 EE IT Dev accrual							(25,708.82)	(20,302.54)	-
				Nov-17 EE IT Dev accrual							20,302.54	15,619.65	15,619.65
	Contractors	X521E015569	5110S-NIMOE REV- Dem RESP Resi DLC	THINKECO INC ENERGY FEDERATION INC	22500			23,174.00	21,140.00	8,085.00			83,393.00
	Employee Expenses	X521E015569	5110S-NIMOE REV- Dem RESP Resi DLC		83.22								59,270.00
	Materials	X521E015569	5110S-NIMOE REV- Dem RESP Resi DLC	EARTH NETWORKS INC. WHISKER LABS INC	71108.27	181.88	842.63	17,000.38	927.75	-		8,126.14	83.22
	Other	X521E015569	5110S-NIMOE REV- Dem RESP Resi DLC	Jun Wireless Reclass Jun Wireless Accrual Wireless Reclass Jul Wireless Accrual Wireless Accrual		39.95	39.95	(39.95)	45.05	45.05	62.96	57.21	39.95
								45.03	(45.03)				-
								45.05	45.05		17.91	(5.75)	57.21
					96118.89	5,012.16	23,568.08	27,450.09	26,852.04	25,273.97	2,808.36	97,008.38	304,091.97
					96118.89	5,012.16	23,568.08	27,450.09	26,852.04	25,273.97	2,808.36	97,008.38	304,091.97
180-NES-NY Projects Total													
Grand Total													

CSR

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180-NES-NY Projects	Base Labor-Monthly	X521E015568	5110S-NIMOE REV- Dem RESP Comm CSR		2,414.50	-	3,959.78	2,028.18	2,987.00	4,017.00	397.20	1,802.50	397.20
					(146.56)		7,309.15	340.55	(51.39)	(433.63)	1,493.50	(114.64)	18,702.46
	Base Labor-Time Not Worked	X521E015568	5110S-NIMOE REV- Dem RESP Comm CSR	Charges, Residual							350.82	7,254.30	7,254.30
				Base Labor-Time Not Worked	391.22	33.32	1,943.89	408.61	506.39	618.13	345.19	259.93	4,506.68

Dynamic Load Management Program (DLC, DLRP and CSRP) Annual Reconciliation - 2017

Rate Month	Recovery Month	Beginning Balance (a) = prior month (h)	Program costs (b)	Recoveries (c)	Monthly Deferral (d) = (b) - (c)	Deferral Balance (e) = (a) + (d)	Interest (f)	Cumulative Balance (g) = (h) + (f)
1	Jul-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2	Oct-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	Nov-15	\$0.00	\$138,000.00	\$0.00	\$138,000.00	\$138,000.00	\$65.78	\$138,065.78
4	Dec-15	\$138,065.78	\$0.00	\$0.00	\$0.00	\$138,065.78	\$131.59	\$138,197.37
5	Jan-16	\$138,197.37	\$0.00	\$39,645.06	-\$39,645.06	\$98,552.31	\$112.79	\$98,665.09
6	Feb-16	\$98,665.09	\$13,180.00	\$106,038.22	-\$92,858.22	\$5,806.87	\$49.74	\$5,856.62
7	Mar-16	\$5,856.62	\$0.00	\$1,141.27	-\$1,141.27	\$4,715.35	\$3.71	\$4,719.06
8	Apr-16	\$4,719.06	\$0.00	\$10,905.04	-\$10,905.04	-\$6,185.98	-\$0.52	-\$6,186.50
9	May-16	-\$6,186.50	\$0.00	\$19,053.59	-\$19,053.59	-\$25,240.09	-\$11.09	-\$25,251.18
10	Jun-16	-\$25,251.18	\$0.00	\$170.49	-\$170.49	-\$25,421.67	-\$17.87	-\$25,439.54
11	May-16	-\$25,439.54	\$28,316.00	-\$0.34	\$28,316.34	\$2,876.80	-\$7.95	\$2,868.85
12	Aug-16	\$2,868.85	\$4,884.00	\$1.53	\$4,882.47	\$7,751.32	\$3.75	\$7,755.07
13	Sep-16	\$7,755.07	\$54,744.00	\$7,203.79	\$47,540.21	\$55,295.28	\$22.24	\$55,317.52
14	Oct-16	\$55,317.52	\$739,013.53	\$9,419.36	\$729,594.17	\$784,911.69	\$296.42	\$785,208.11
15	Nov-16	\$785,208.11	\$171,308.00	\$25,980.84	\$145,327.16	\$930,535.27	\$605.20	\$931,140.47
16	Dec-16	\$931,140.47	\$1,006,589.10	\$326,948.54	\$679,640.56	\$1,610,781.03	\$896.56	\$1,611,677.59
17	Jan-17	\$1,611,677.59	\$25,493.00	\$500,765.32	-\$475,272.32	\$1,136,405.27	\$969.19	\$1,137,374.46
18	Feb-17	\$1,137,374.46	\$329,026.75	\$497,008.78	-\$167,982.03	\$969,392.43	\$742.91	\$970,135.35
19	Mar-17	\$970,135.35	\$12,111.75	\$1,034,156.68	-\$1,022,044.93	-\$51,909.58	\$133.59	-\$51,776.00
20	Apr-17	-\$51,776.00	\$0.00	\$713,611.10	-\$713,611.10	-\$765,387.10	-\$119.00	-\$765,506.10
21	May-17	-\$765,506.10	\$8,525.00	\$182,381.74	-\$173,856.74	-\$939,362.84	-\$248.21	-\$939,611.05
22	Jun-17	-\$939,611.05	\$93,608.27	\$2,344.25	\$91,264.02	-\$848,347.03	-\$260.29	-\$848,607.32
23	Jul-17	-\$848,607.32	\$2,164.44	-\$2,906.78	\$5,071.22	-\$843,536.10	-\$246.34	-\$843,782.44
24	Aug-17	-\$843,782.44	\$42,963.39	\$39,685.17	\$3,278.22	-\$840,504.22	-\$245.20	-\$840,749.41
25	Sep-17	-\$840,749.41	\$714,692.13	\$63,082.52	\$651,609.61	-\$189,139.80	-\$149.92	-\$189,289.72
26	Oct-17	-\$189,289.72	\$556,869.09	\$9,025.96	\$547,843.13	\$358,553.41	\$24.67	\$358,578.08
27	Nov-17	\$358,578.08	\$1,106,635.07	\$253,894.36	\$852,740.71	\$1,211,318.79	\$228.57	\$1,211,547.36
28	Dec-17	\$1,211,547.36	\$497,126.00	\$666,639.39	-\$169,513.39	\$1,042,033.97	\$328.09	\$1,042,362.06
29	Jan-18	\$1,042,362.06	\$86,490.00	\$751,561.89	-\$665,071.89	\$377,290.17	\$206.65	\$377,496.82

Interest rate used is Customer Deposit Rates: 1.15% annual for 2015; 0.85% annual for 2016; 0.35% annual for 2014

kWh & kW	Jan-18
SC1	1,150,423,821
SC1C	12,052,334
SC2	57,183,893
SC2D	1,235,511
SC3 Sec	1,085,223
SC3 Pri	382,227
SC3 Sub	113,612
SC3 Tran	37,075
SC3A Sec	115,011
SC3A Pri	93,122
SC3A Sub	276,593
SC3A Tran	1,147,306
SC7 2D	133
SC7 3Sec	2,135
SC7 3Pri	3,059
SC7 3Sub	4,034
SC7 3Tran	7,144
SC7 3ASec	-
SC7 3APri	8,294
SC7 3ASub	7,796
SC7 3ATran	18,841

SC1.LIGHT.	1,783,895
SC2.LIGHT.	18,347,325
SC3.LIGHT.	705,569
SC4.LIGHT.	850,530
SC5.LIGHT.	349,273
SC6.LIGHT.	34,295
Totals	1,246,268,052

Source: [Billing Determinants Forecast Jan.xlsx](#)

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID
ALLOCATION OF ESTIMATED DEMAND RESPONSE COSTS
JANUARY 2018 DLM Surcharge

Design Service Class	1-month Forecast January- 2018 kW Billed (A)	1-month Forecast January- 2018 kWh Sales (B)	ICP Transmission Allocator (C)	Allocation of Estimated DR Costs (D)	Jan-18 Surcharge Rate (E)	SC7 Contract Demand (F)	SC7 Jan-18 Surcharge Rate (G)
1. SC1	-	1,150,423,821	42.67%	\$161,088.43	\$0.000140		\$0.000140
2. SC1C	-	12,052,334	1.00%	\$3,760.09	\$0.000312		
3. SC2ND	-	57,183,893	2.68%	\$10,120.01	\$0.000177		\$0.000177
4. SC2D	1,235,511		14.55%	\$54,929.04	\$0.04	1,630,615	\$0.03
SC3							
5. Secondary	1,085,223		13.04%	\$49,235.89	\$0.05	1,345,911	\$0.04
6. Primary	382,227		5.10%	\$19,270.12	\$0.05	464,265	\$0.04
7. Subtransmission/Transmissi	150,687		1.30%	\$4,896.74	\$0.03	190,527	\$0.03
8. Total	1,618,137	-	19.44%	\$73,403			
SC3A							
9.							
10. Secondary/Primary	208,133		3.19%	\$12,040.77	\$0.06	258,593	\$0.05
11. Subtransmission	276,593		4.06%	\$15,312.21	\$0.06	349,045	\$0.04
12. Transmission	1,147,306		12.39%	\$46,758.21	\$0.04	1,347,927	\$0.03
13. Total	1,632,032	-	19.63%	\$74,111			
14. Total PSC 220	4,485,681	1,219,660,049		\$377,412			
Street and Highway Lighting							
15. SC1	-	1,783,895		\$7	\$0.000004		
16. SC2/5	-	18,696,599		\$75	\$0.000004		
17. SC3/6	-	739,864		\$3	\$0.000004		
18. SC4	-	-		\$0	\$0.000004		
19. Total PSC 214	-	21,220,357	0.02%	\$85			
20. Total PSC 220/214	4,485,681	1,240,880,406	100.00%	\$377,497			

- A FY2018 January Sales Forecast
B FY2018 January Sales Forecast
C ICP Primary Allocator from 2012 Embedded Cost of Service Study
D Column (C) *Total Costs Column (D20)
D(20) Total Costs (Vendor, Project Management, Participant payment, and 2016 Reconciliation)
E Column (D) / Column (B or A)
F Column (A)* SC7 Contract Demand
G Equals Column (E), or Column (D) / Column (F)