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NIAGARA MOHAWK POWER CORPORATION

d/b/a NATIONAL GRID

2021 FIVE YEAR AVERAGE COST PER FOOT CALCULATIONS - NON-URD (STATEMENT 14) AND URD (STATEMENT 16)

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n)

STATEMENT NO. 14 - STATEMENT OF NON-URD LINE EXTENSION AND SERVICE LATERAL COSTS

Line			**Overhead Single Phase and/or Secondary**				**Overhead Three Phase and/or Secondary**			
	Year	**A&G Rate**	**Total $**	**Total Feet**	**Rate**	**Plus A&G**	**Total $**	**Total Feet**	**Rate**	**Plus A&G**
1	2017	25.66%	$ 9,921,982	323,922	$ 30.63	$ 38.49	$ 3,455,955	59,508	$ 58.08	$ 72.98
2	2018	25.66%	$ 6,789,714	288,741	$ 23.51	$ 29.55	$ 3,396,332	78,049	$ 43.52	$ 54.68
3	2019	14.25%	$ 5,869,025	249,706	$ 23.50	$ 26.85	$ 3,220,601	70,826	$ 45.47	$ 51.95
4	2020	13.84%	$ 7,492,825	275,607	$ 27.19	$ 30.95	$ 3,217,784	56,940	$ 56.51	$ 64.33
5	2021	14.07%	$ 7,285,228	326,144	$ 22.34	$ 25.48	$ 2,620,657	58,428	$ 44.85	$ 51.16
6	**5-Year Average**	**19.19%**	**$ 37,358,774**	**1,464,120**	**$ 25.52**	**$ 30.41**	**$ 15,911,330**	**323,751**	**$ 49.15**	**$ 58.58**
7	Current Rate					$ 32.79				$ 54.59
8	% Change					-7.26%				7.31%

Line			**Underground Single Phase and/or Secondary (Non-Residential)**				**Underground Single Phase and/or Secondary (Residential)**				**Underground Three Phase and/or Secondary**			
	Year	**A&G Rate**	**Total $**	**Feet**	**Rate**	**Plus A&G**	**Total $**	**Feet**	**Rate**	**Plus A&G**	**Total $**	**Feet**	**Rate**	**Plus A&G**
9	2017	25.66%	$ 560,992	26,616	$ 21.08	$ 26.49	$ 1,488,786	76,194	$ 19.54	$ 24.55	$ 1,863,576	30,725	$ 60.65	$ 76.22
10	2018	25.66%	$ 370,352	21,639	$ 17.12	$ 21.51	$ 1,783,625	99,597	$ 17.91	$ 22.50	$ 1,435,096	23,327	$ 61.52	$ 77.31
11	2019	14.25%	$ 351,600	17,762	$ 19.80	$ 22.62	$ 1,304,034	82,018	$ 15.90	$ 18.17	$ 1,710,888	31,111	$ 54.99	$ 62.83
12	2020	13.84%	$ 666,495	38,269	$ 17.42	$ 19.83	$ 1,242,161	71,017	$ 17.49	$ 19.91	$ 1,946,462	26,449	$ 73.59	$ 83.78
13	2021	14.07%	$ 637,093	36,295	$ 17.55	$ 20.02	$ 1,980,360	131,084	$ 15.11	$ 17.23	$ 1,388,187	24,537	$ 56.58	$ 64.54
14	**5-Year Average**	**19.19%**	**$ 2,586,532**	**140,581**	**$ 18.40**	**$ 21.93**	**$ 7,798,966**	**459,910**	**$ 16.96**	**$ 20.21**	**$ 8,344,208**	**136,149**	**$ 61.29**	**$ 73.05**
15	Current Rate					$ 21.91				$ 21.08				$ 72.99
16	% Change					0.09%				-4.13%				0.08%

STATEMENT NO. 16 - STATEMENT OF UNDERGROUND RESIDENTIAL DISTRIBUTION CONTRIBUTION

Line			**Underground single phase distribution, including primary cable, secondary cable and labor, exclusive of trenching**				**Incremental Underground Distribution charge for each additional primary conductor installed (up to 3)**				**Underground Distribution Trench**			
	Year	**A&G Rate**	**Total $**	**Feet**	**Rate**	**Plus A&G**	**Total $**	**Feet**	**Rate**	**Plus A&G**	**Total $**	**Feet**	**Rate**	**Plus A&G**
17	2017	25.66%	$ 3,545,639	115,988	$ 30.57	$ 38.41	$ 1,207,602	92,502	$ 13.05	$ 16.40	$ 852,122	68,554	$ 12.43	$ 15.62
18	2018	25.66%	$ 4,246,637	139,208	$ 30.51	$ 38.33	$ 1,831,425	122,007	$ 15.01	$ 18.86	$ 836,642	70,783	$ 11.82	$ 14.85
19	2019	14.25%	$ 2,819,097	92,481	$ 30.48	$ 34.83	$ 1,035,292	70,135	$ 14.76	$ 16.86	$ 735,213	45,366	$ 16.21	$ 18.52
20	2020	13.84%	$ 2,724,700	100,572	$ 27.09	$ 30.84	$ 1,126,502	72,618	$ 15.51	$ 17.66	$ 416,805	32,531	$ 12.81	$ 14.59
21	2021	14.07%	$ 3,355,329	110,710	$ 30.31	$ 34.57	$ 1,125,556	85,584	$ 13.15	$ 15.00	$ 608,759	38,108	$ 15.97	$ 18.22
22	**5-Year Average**	**19.19%**	**$ 16,691,401**	**558,959**	**$ 29.86**	**$ 35.59**	**$ 6,326,377**	**442,846**	**$ 14.29**	**$ 17.03**	**$ 3,449,542**	**255,342**	**$ 13.51**	**$ 16.10**
23	Current Rate					$ 34.61				$ 15.69				$ 16.24
24	% Change					2.83%				8.54%				-0.86%

Line		**Underground single-phase distribution, including trenching, primary cable, secondary cable and labor**				**Underground single-phase supply line, including trenching, primary cable, secondary cable and labor**					
25	# of Occupants	1	2	3	4	1	2	3	4	**Underground Service Lateral Credit**	
26	Underground single phase distribution, including primary cable, secondary cable and labor	$ 35.59	$ 35.59	$ 35.59	$ 35.59	$ 35.59	$ 35.59	$ 35.59	$ 35.59	Underground Single Phase and/or Secondary (Residential)	$ 20.21
27	Underground Distribution Trench	$ 16.10	$ 8.05	$ 5.37	$ 4.03	$ 16.10	$ 8.05	$ 5.37	$ 4.03	Underground Distribution Trench	$ 16.10
28	**Total**	**$ 51.69**	**$ 43.64**	**$ 40.96**	**$ 39.62**	**$ 51.69**	**$ 43.64**	**$ 40.96**	**$ 39.62**	**Total**	**$ 36.31**
29	Current Rate	$ 50.85	$ 42.73	$ 40.02	$ 38.67	$ 50.85	$ 42.73	$ 40.02	$ 38.67		$ 37.32
30	% Change	1.65%	2.13%	2.34%	2.44%	1.65%	2.13%	2.34%	2.44%		-2.71%

<u>Non-URD Overhead Notes:</u>

1(b) - 5(b)	Company Rate
6(b)	Weighted Average Rate (based on Total $)
1(c) - 5(d)	Company Records
6(c)	Sum of Line 1(c) through Line 5(c)
6(d)	Sum of Line 1(d) through Line 5(d)
1(e) - 6(e)	Column (c) / Column (d)
1(f) - 6(f)	Column (e) + (Column (e) x Column (b))
1(g) - 5(h)	Company Records
6(g)	Sum of Line 1(g) through Line 5(g)
6(h)	Sum of Line 1(h) through Line 5(h)
1(i) - 6(i)	Column (g) / Column (h)
1(j) - 6(j)	Column (i) + (Column (i) x Column (b))
Line 7	PSC 220 - Statement No. 11
Line 8	(Line 6 - Line 7) / Line 7

<u>Non-URD Underground Notes:</u>

9(b) - 13(b)	Company Rate
14(b)	Weighted Average Rate (based on Total $)
9(c) - 13(d)	Company Records
14(c)	Sum of Line 9(c) through Line 13(c)
14(d)	Sum of Line 9(d) through Line 13(d)
9(e) - 14(e)	Column (c) / Column (d)
9(f) - 14(f)	Column (e) + (Column (e) x Column (b))
9(g) - 13(h)	Company Records
14(g)	Sum of Line 9(g) through Line 13(g)
14(h)	Sum of Line 9(h) through Line 13(h)
9(i) - 14(i)	Column (g) / Column (h)
9(j) - 14(j)	Column (i) + (Column (i) x Column (b))
9(k) - 13(l)	Company Records
14(k)	Sum of Line 9(k) through Line 13(k)
14(l)	Sum of Line 9(l) through Line 13(l)
9(m) - 14(m)	Column (k) / Column (l)
9(n) - 14(n)	Column (m) + (Column (m) x Column (b))
Line 15	PSC 220 - Statement No. 11
Line 16	(Line 14 - Line 15) / Line 15

<u>URD Notes:</u>

17(b) - 21(b)	Company Rate
22(b)	Weighted Average Rate (based on Total $)
17(c) - 21(d)	Company Records
22(c)	Sum of Line 17(c) through Line 21(c)
22(d)	Sum of Line 17(d) through Line 21(d)
17(e) - 22(e)	Column (c) / Column (d)
17(f) - 22(f)	Column (e) + (Column (e) x Column (b))
17(g) - 21(h)	Company Records
22(g)	Sum of Line 17(g) through Line 21(g)
22(h)	Sum of Line 17(h) through Line 21(h)
17(i) - 22(i)	Column (g) / Column (h)
17(j) - 22(j)	Column (i) + (Column (i) x Column (b))
17(k) - 21(l)	Company Records
22(k)	Sum of Line 17(k) through Line 21(k)
22(l)	Sum of Line 17(l) through Line 21(l)
17(m) - 22(m)	Column (k) / Column (l)
17(n) - 22(n)	Column (m) + (Column (m) x Column (b))
Line 23	PSC 220 - Statement No. 13
Line 24	(Line 22 - Line 23) / Line 23

26(c) - 26(f)	Line 22(f)
27(c)	Line 22(n) / 1
27(d)	Line 22(n) / 2
27(e)	Line 22(n) / 3
27(f)	Line 22(n) / 4
28(c)	Line 26(c) + Line 27(c)
28(d)	Line 26(d) + Line 27(d)
28(e)	Line 26(e) + Line 27(e)
28(f)	Line 26(f) + Line 27(f)
26(g) - 26(j)	Line 22(f)
27(g)	Line 22(n) / 1
27(h)	Line 22(n) / 2
27(i)	Line 22(n) / 3
27(j)	Line 22(n) / 4
28(g)	Line 26(g) + Line 27(g)
28(h)	Line 26(h) + Line 27(h)
28(i)	Line 26(i) + Line 27(i)
28(j)	Line 26(j) + Line 27(j)
26(n)	Line 14(j)
27(n)	Line 22(n)
28(n)	Line 26(n) + Line 27(n)
Line 29	PSC 220 - Statement No. 13
Line 30	(Line 28 - Line 29) / Line 29