

# NIAGARA MOHAWK POWER CORPORATION<sup>1</sup>



## THIRD PARTY DISTRIBUTION POLE ATTACHMENT MAKE-READY WORK RATE SUMMARY SHEET (dollars)

Effective, December 1, 2007

		R = Rearrangement		T = Transfer		I = Installation		RM = Removal		RPL = Replacement = I + RM	
Item No.	Make-Ready Activity Item	Rearrangement Costs (Labor and Material)		Transfer Costs (Labor and Material)		Installation Costs (Labor and Material)		Removal Costs		Replacement Costs (Labor and Material)	
		Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime
1	Open Wire Secondary and Rack (each)	\$287.60	\$396.60	\$350.30	\$485.20	\$373.20	\$531.10	\$144.70	\$228.60	\$506.70	\$713.80
2	Multiplex Secondary and Bracket (each)	\$144.60	\$201.70	\$144.60	\$201.70	\$354.30	\$512.20	\$83.00	\$144.90	\$426.10	\$611.10
3	Re-Sag 1/0 Primary (per conductor)	\$143.60	\$200.70								
3A	Re-Sag 336.4 Primary (per conductor)	\$155.60	\$212.70								
4	Re-Sag Multiplex Secondary (per span)	\$257.90	\$340.90								
5	Re-Sag Open - Wire Secondary (per span)	\$284.60	\$393.50								
6	Streetlight Bracket and Luminaire (complete assembly)	\$269.20	\$378.20	\$269.20	\$378.20	\$663.30	\$793.20	\$144.70	\$228.60	\$796.80	\$981.80
7	Streetlight Drip Loop Conduit (each)	\$109.30	\$153.40			\$103.40	\$149.60	\$83.00	\$144.90	\$175.20	\$271.90
8	Streetlight Bond (each)	\$76.90	\$108.00	\$76.90	\$108.00	\$102.20	\$148.40				
9	Vertical Ground (down ground & connection)	\$102.50	\$133.60	\$165.20	\$222.30	\$203.20	\$277.30	\$83.00	\$144.90	\$275.00	\$393.80
10	Ground Rod and Connections					\$173.50	\$247.60	\$83.00	\$144.90	\$245.30	\$364.00
11	Secondary Drip Loop at Dead Ends (raise/redo)	\$77.20	\$108.40			\$102.60	\$148.80				
12	Span Guy	\$160.10	\$217.20	\$160.10	\$217.20	\$425.90	\$555.80	\$144.70	\$228.60	\$559.30	\$744.40
13	Down Guy	\$212.10	\$269.20	\$212.10	\$269.20	\$242.00	\$316.10	\$83.00	\$144.90	\$313.80	\$432.50
14	Single Crossarm 5kV & 15kV (Total Single Phase Assembly including pins, glass, braces & lags) (each)			\$354.10	\$463.10	\$383.20	\$513.10	\$144.70	\$228.60	\$516.60	\$701.60
15	Double Crossarm 5kV & 15 kV (Total Single Phase Assembly including pins, glass, braces & lags) (each)			\$558.00	\$718.90	\$590.90	\$776.70	\$206.30	\$312.40	\$786.10	\$1,037.40
16	Armless Candlestick (Single Phase Assembly) (each)			\$237.90	\$269.00	\$275.50	\$321.70	\$83.00	\$144.90	\$347.30	\$444.00
17	Single Alley Arm 5kV & 15kV (Total Single Phase Assembly including pins, glass, braces & lags) (each)			\$580.70	\$741.50	\$615.30	\$801.10	\$206.30	\$312.40	\$810.50	\$1,061.70

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18	Double Alley Arm 5kV & 15 kV (Total Single Phase Assembly including pins, glass, braces & lags) (each)			\$1,029.00	\$1,293.60	\$1,074.50	\$1,372.00	\$329.70	\$479.90	\$1,393.00	\$1,776.80
19	Vertical Dead-end (including glass, shoe, attachment, loop) (each)			\$161.30	\$218.40	\$248.90	\$351.00	\$83.00	\$144.90	\$320.80	\$461.60
20	Pole Top or Side Pin (each)			\$193.50	\$250.60	\$160.30	\$206.50	\$83.00	\$144.90	\$232.10	\$328.80
21	Spaced or Lashed Cable 5 kV Tangent Bracket (each)			\$325.60	\$382.70	\$302.50	\$348.70	\$83.00	\$144.90	\$374.30	\$471.00
22	Spaced or Lashed Cable 5kV Dead-end Bracket (each)			\$642.90	\$700.00	\$644.00	\$690.20	\$83.00	\$144.90	\$715.80	\$812.40
23	Spaced or Lashed Cable 15 kV Tangent Bracket (each)			\$451.10	\$560.10	\$364.20	\$438.20	\$144.70	\$228.60	\$497.60	\$638.50
24	Spaced or Lashed Cable 15kV Dead-end Bracket (each)			\$768.40	\$877.30	\$705.70	\$779.70	\$144.70	\$228.60	\$839.10	\$980.00
25	Triplex Bracket	\$81.90	\$113.00	\$81.90	\$113.00	\$107.60	\$153.80	\$83.00	\$144.90	\$179.40	\$276.10
26	Neutral Bracket	\$81.90	\$113.00	\$81.90	\$113.00	\$107.60	\$153.80	\$83.00	\$144.90	\$179.40	\$276.10
27	Cutout 5 kV & 15 Kv (complete assembly) (each)	\$165.30	\$222.40	\$165.30	\$222.40	\$222.60	\$268.70	\$83.00	\$144.90	\$294.40	\$391.00
28	Disconnect Switch 5 kV & 15kV (complete 3 Phase assembly)			\$1,004.70	\$1,243.40	\$1,357.70	\$1,431.80	\$144.70	\$228.60	\$1,491.20	\$1,632.10
29	Arrester 5 kV & 15kV (each) (complete assembly)	\$146.10	\$203.10	\$208.30	\$265.30	\$231.60	\$277.80	\$83.00	\$144.90	\$303.40	\$400.10
30	Conventional Transformer (through 50 kVA)	\$289.60	\$398.60	\$354.60	\$463.60	\$604.80	\$790.60	\$144.70	\$228.60	\$738.30	\$967.50
30A	CSP Transformer (Remove Only)							\$144.70	\$228.60		
31	Three Phase Transformer Bank (Up To 50 kVA)	\$1,267.00	\$1,739.10	\$1,875.50	\$2,347.60	\$2,320.60	\$3,009.00	\$761.40	\$1,066.30	\$3,070.90	\$3,918.50
32	Single Phase Capacitor	\$281.80	\$390.80	\$332.70	\$441.70	\$531.10	\$633.10	\$206.30	\$312.40	\$726.30	\$911.30
33	Three Phase Capacitor	\$431.50	\$592.40	\$493.50	\$654.30	\$1,216.60	\$1,402.30	\$268.00	\$396.20	\$1,473.40	\$1,746.70
34	Single Phase Regulator	\$692.00	\$956.60	\$972.60	\$1,341.00	\$1,170.50	\$1,523.80	\$391.40	\$563.70	\$1,550.60	\$2,000.70
35	Three Phase 2 Regulator Bank (each)	\$1,360.70	\$1,884.70	\$2,393.30	\$3,124.90	\$2,661.40	\$3,349.80	\$761.40	\$1,066.30	\$3,411.60	\$4,259.20
36	Three Phase 3 Regulator Bank (each)	\$2,102.00	\$2,885.40	\$3,937.50	\$5,032.20	\$4,341.70	\$5,365.10	\$1,131.50	\$1,568.80	\$5,462.00	\$6,707.20
37	Primary Tangent (each conductor)	\$135.80	\$192.90	\$135.80	\$192.90						

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		Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime
38	Multiplex Secondary (Tangent)	\$73.10	\$104.20	\$73.10	\$104.20						
39	Primary Dead-end - Open Wire	\$198.60	\$281.60	\$198.60	\$281.60						
40	Secondary Dead-end Multiplex	\$73.10	\$104.20	\$73.10	\$104.20						
41	Multiplex/Service (Splice-in add'l wire) (each)	\$205.00	\$288.00	\$205.00	\$288.00						
42	UG Service Riser Single Phase (through 350mcm, including Connections)	\$653.90	\$918.50	\$779.40	\$1,095.90	\$615.80	\$857.40	\$268.00	\$396.20	\$872.60	\$1,190.10
43	UG Service Riser Three Phase (through 350mcm, including Connections)	\$1,040.60	\$1,460.80	\$1,166.00	\$1,638.10	\$1,054.60	\$1,463.70	\$268.00	\$396.20	\$1,311.40	\$1,761.50
44	UG Service Riser Single Phase (greater than 350mcm, including Connections)	\$788.10	\$1,104.60	\$913.50	\$1,281.90	\$806.20	\$1,103.60	\$268.00	\$396.20	\$1,063.00	\$1,424.70
45	UG Service Riser Three Phase (greater than 350mcm, including Connections)	\$1,443.50	\$2,019.40	\$1,568.90	\$2,196.70	\$1,579.30	\$2,156.00	\$268.00	\$396.20	\$1,836.10	\$2,418.70
46	UG Primary 7.62 kV Riser Single Phase (including splicing)	\$816.20	\$1,132.70	\$1,134.00	\$1,554.30	\$1,614.00	\$2,023.10	\$268.00	\$396.20	\$1,870.80	\$2,320.90
46A	UG Primary 13.2 kV Riser Three Phase (including splicing)	\$1,069.90	\$1,490.10	\$1,233.20	\$1,653.40	\$3,327.40	\$4,183.30	\$761.40	\$1,066.30	\$4,077.60	\$5,057.70
47	Fiber Optic Cable Bracket (each)	\$88.00	\$119.10	\$100.50	\$136.90	\$114.20	\$160.40	\$83.00	\$144.90	\$186.00	\$282.70
48	Anchor and Rod					\$433.20	\$585.40	\$83.00	\$144.90	\$393.90	\$534.80
49	Pole Top Extension					\$983.00	\$1,112.90	\$144.70	\$228.60		
50	Cut Pole Top							\$83.00	\$144.90		
51	*Pole Replacement - 35'					\$1,150.30	\$1,539.50	\$58.30	\$111.40	\$1,189.10	\$1,595.00
52	*Pole Replacement - 40'					\$1,316.00	\$1,705.20	\$58.30	\$111.40	\$1,354.70	\$1,760.70
53	*Pole Replacement - 45'					\$1,427.70	\$1,816.90	\$58.30	\$111.40	\$1,466.40	\$1,872.40
54	*Pole Replacement - 50'					\$1,981.50	\$2,527.00	\$83.00	\$144.90	\$2,046.10	\$2,619.60

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		Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime
55	*Pole Replacement - 55'					\$2,300.30	\$2,937.20	\$83.00	\$144.90	\$2,364.90	\$3,029.70
56	*Pole Replacement - 60'					\$2,487.30	\$3,124.20	\$83.00	\$144.90	\$2,551.90	\$3,216.70
57	*Pole Replacement - 65'					\$3,229.00	\$3,865.90	\$83.00	\$144.90	\$3,293.60	\$3,958.40
58	*Pole Replacement - 70'					\$4,378.80	\$5,015.60	\$83.00	\$144.90	\$4,443.40	\$5,108.20
59	*Pole Replacement - 75'					\$4,732.40	\$5,369.30	\$83.00	\$144.90	\$4,797.00	\$5,461.80
60	*Pole Replacement - 80'					\$5,240.20	\$5,877.10	\$83.00	\$144.90	\$5,304.80	\$5,969.60
63A	*Pole Replacement - 85'					\$5,563.70	\$6,200.60	\$83.00	\$144.90	\$5,628.30	\$6,293.10
63B	*Pole Replacement - 90'					\$5,962.60	\$6,599.50	\$83.00	\$144.90	\$6,027.20	\$6,692.00
63C	*Pole Replacement - 95'					\$6,505.60	\$7,142.50	\$83.00	\$144.90	\$6,570.20	\$7,235.00
63D	*Pole Replacement - 100'					\$7,098.90	\$7,735.80	\$83.00	\$144.90	\$7,163.50	\$7,828.30
63E	*Pole Replacement - 105'					\$7,720.70	\$8,357.60	\$83.00	\$144.90	\$7,785.30	\$8,450.10
63F	*Pole Replacement - 110'					\$8,179.90	\$8,816.80	\$83.00	\$144.90	\$8,244.50	\$8,909.30
63G	*Pole Replacement - 115'					\$8,721.30	\$9,358.10	\$83.00	\$144.90	\$8,785.80	\$9,450.60
63H	*Pole Replacement - 120'					\$11,977.70	\$12,614.60	\$83.00	\$144.90	\$12,042.30	\$12,707.10
64	Labor Adder for Rock Dig for Pole Hourly Placement (\$/Hr.)					\$272.40	\$363.70			\$272.40	\$363.70
65	Three Phase Service (3 Phase, 4 Wire to 1/0 Quadraplex)	\$389.80	\$550.60	\$389.80	\$550.60	\$580.30	\$766.10	\$268.00	\$396.20	\$837.20	\$1,110.50
65A	Three Phase Service (3 Phase, 4 Wire to 336.4 Quadraplex)	\$422.70	\$583.50	\$422.70	\$583.50	\$717.80	\$903.60	\$268.00	\$396.20	\$974.70	\$1,248.00
66	Secondary 1/0 Triplex (per conductor, per span)	\$73.10	\$104.20	\$73.10	\$104.20	\$576.30	\$734.10	\$83.00	\$144.90	\$648.10	\$833.10
66A	Secondary 336.4 Triplex/Quadraplex (per conductor, per span)	\$104.50	\$148.60	\$104.50	\$148.60	\$1,263.20	\$1,449.00	\$83.00	\$144.90	\$1,335.00	\$1,542.10
66B	Primary 1/0 ACSR (per conductor, per span)	\$135.80	\$192.90	\$135.80	\$192.90	\$409.80	\$567.60	\$83.00	\$144.90	\$481.60	\$666.60
66C	Primary 336.4 SAL (conductor, per span)	\$135.80	\$192.90	\$135.80	\$192.90	\$620.90	\$806.70	\$83.00	\$144.90	\$692.70	\$899.80

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67	Single Phase Service (Open Wire/Multiplex to 1/0 Triplex) (each)					\$467.90	\$625.70	\$206.30	\$312.40	\$663.10	\$892.20
67A	Single Phase Service (Open Wire/Multiplex to 336.4 Triplex/Quad.)					\$724.10	\$909.90	\$206.30	\$312.40	\$919.30	\$1,170.50
68	Reconnect Service (Assoc. with Secondary Replacement) (each)	\$140.40	\$197.40	\$140.40	\$197.40						
69	Reconnect Streetlight (Assoc. with Secondary Replacement) (each)	\$75.00	\$106.10	\$75.00	\$106.10						
70	Reconnect Transformer (Assoc. with Secondary Replacement) (each)	\$265.80	\$374.80	\$265.80	\$374.80						
71	Tree Trim - up to 6" Diameter (each)							\$157.00	\$245.40		
72	Tree Trim - Greater than 6" Diameter (each)							\$317.30	\$463.20		
* - Performance Rates for poles obtained from the Joint Use Agreement											
<b>M = Miscellaneous</b>		<b>MISCELLANEOUS ITEMS</b>									
<b>TRAVEL TIME ADDER</b>											
72	Travel/Mobilization Adder	For Special Instances Where Make-Ready Work Requires Travel Beyond Customary Travel - An Added Cost shall be Estimated using the Applicable NM Hourly Rates.									
<b>HOURLY RATES</b>											
73	Light Traffic Flow -Traffic Control - Flagging (\$/hr.)	\$73.80	\$107.80								
74	Moderate Traffic Flow -Traffic Control - Flagging (\$/hr.)	\$107.60	\$157.00								
75	Heavy Traffic Flow -Traffic Control - Flagging (\$/hr.)	\$141.50	\$206.30								
<b>OFF-ROAD MULTIPLIER</b>											
76	Multiplier for Off-Road Work (Multiplier x Unit Price)	1.5 times Labor Cost, Labor Fringe Benefits and Transportation Cost									
<b>OUTAGE COSTS</b>											
77	Costs Related to Labor Associated with Outage Preparation and Execution	Costs are to be Estimated for Each Individual Outage									

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