nationalgrid

No. No. National Petrol Author National Petrol National	THIRD PARTY DISTRIBUTION POLE ATTACHMENT MAKE-READY WORK RATE SUMMARY SHEET (dollars) Effective: December 14th , 2016											
					<i>,</i>	nefor	I – Instal	lation	DM - Por	moval	DDI - Poplaco	mont – L. PM
State Company Compan											•	
1 Open Wile Secondary and Rack (search) 575.63 \$1,111.75 \$786.83 \$1,111.75 \$786.83 \$1,111.75 \$1.20 \$1.41.46 \$955.00 \$1.51.41.11 \$1.41.41 \$1.50.50 \$1.41.41 \$1.41.41 \$1.50.50 \$1.41.41 \$1.41.41 \$1.50.50 \$1.41.41 \$1.41.41 \$1.50.50 \$1.41.41 \$1.41.41 \$1.50.50 \$1.41.41 \$1.41.41 \$1.50.50 \$1.41.41 \$1.41.41 \$1.41.41 \$1.41.41 \$1.50.50 \$1.41.41 \$1.41.41 \$1.41.41 \$1.50.50 \$1.41.41 \$1.41.41 \$1.50.50 \$1.41.41 \$1.41.41 \$1.50.50 \$1.50.50 \$1.41.41 \$1.50.50 \$1.50.50 \$1.41.41 \$1.50.50 \$1.50.50 \$1.40.50 \$	Item No.	Make-Ready Activity Item										
Comparison	1	Open Wire Secondary and Rack (each)	_		_							
Secondary Company (per conductor)	2	•					\$722.24	\$954.39			\$806.15	\$1,142,11
SA		·			VU	V	Ψ	ÇCC II.CC	¥2\$2	V 10100	Ų O O O	¥1,11
Secondary (per span) Sid721												
Fig. Re-Sag Open - Wire Secondary (per span) \$1,401.59 \$1,402.24 \$1,400.04 \$1,												
Streetlight Bracket and Luminatre (complete assembly) \$3862 \$542.01 \$590.03 \$444.35 \$1,122.72 \$1,409.00 \$100.31 \$282.25 \$1,433.00 \$1,176.20	·											
7 Streetlight Drip Loop Conduit (each)	-		1		\$599.03	\$845.35	\$1,232,73	\$1,430,90	\$200.31	\$285.25	\$1,433.09	\$1.716.20
Strootlight Bond (each)	7	, , ,			Ţ J J J J J J J J J J J J J J J J J J J	V			-			
Vortical Ground (down ground & connection)	8				\$141.25	\$197.86			,	,	,	,
10 Ground Rod and Connections 2396.70 \$410.47 \$333.50 \$510.12 \$133.50 \$510.12 \$120.12 \$120.12 \$133.50 \$190.19 \$133.50 \$190.19 \$133.50 \$190.19 \$151.50 \$151.50 \$786.15 \$153.34 \$199.88 \$786.52 \$974.03 \$120.12	-		¥ 00 m	,	¥1111	VIOLICE CONTRACTOR OF THE PROPERTY OF THE PROP			\$133.53	\$190.15	\$477.21	\$618.76
11 Secondary Drip Loop at Dead Ends (ratesiredo) \$287,79 \$419.47 \$139.31 \$131.35 \$119.27 \$133.45 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$	10	· · · · · · · · · · · · · · · · · · ·						-		· ·		
12 Span Guy \$133.66 \$190.19 \$133.56 \$190.19 \$133.56 \$190.19 \$195.26 \$785.15 \$133.34 \$189.88 \$374.52 \$374.53 \$170			\$296.79	\$419.47					, , , , , ,	, , , , , , , , , , , , , , , , , , , ,	,	
12A Span Guy Bording					\$133.56	\$190.19	·	-	\$133.34	\$189.88	\$748.52	\$974.93
128		·	¥ 100100		¥100100	VIII I			-	-	-	-
13 Down Guy S200.29 \$285.21 \$409.09 \$572.34 \$415.05 \$190.15 \$592.53 \$782.49 \$190.15 \$592.53 \$782.49 \$100.00 \$14.00		. , ,						-	· ·	Ţ.ioo.iio	V =10101	Ţ C C C C C C C C C C C C C C C C C C C
Single Crossam SkV & 15kV (Total Single Phase Assembly including pins, glass, braces & lags) (each) \$906.58 \$991.44 \$676.86 \$852.29 \$307.11 \$437.33 \$983.94 \$1,289.84		·	\$200.29	\$285.21	\$200.29	\$285.21			\$133.53	\$190.15	\$592.63	\$762.49
Double Crossars 5kV x 15 kV (Total Single Phase Assembly including pins, glass, braces & lags) (each) S47.28 \$1,804.51 \$1,407.47 \$1,700.24 \$472.48 \$672.92 \$1,800.14 \$2,453.26 \$1,800.14 \$2,453.26 \$1,800.14 \$1,800.16 \$1,407.47 \$1,700.24 \$472.48 \$672.92 \$1,800.14 \$2,453.26 \$1,800.14 \$1,800.16 \$1,443.65 \$1,407.47 \$1,700.24 \$472.48 \$672.92 \$1,800.14 \$2,453.26 \$1,800.14 \$1,800.16 \$1,443.65 \$1,407.47 \$1,700.24 \$472.48 \$672.92 \$1,800.14 \$2,453.26 \$1,800.14 \$1,800.16 \$1,443.65 \$1,407.47 \$1,700.24 \$1,800.15 \$1,800.16 \$1,407.47 \$1,700.24 \$1,800.15 \$1,800.16 \$1,407.47 \$1,700.24 \$1,800.15 \$1,			V 200:20	V _001_1	V	V 200:21	Ų loolioo	V 0.12.0.1	Ψ.οσ.οσ	V 100110	¥00=.00	VIOLIT
Double Crossam StV & 15 kV (Total Single Phase Assembly including pins, glass, braces & lags) (each) \$1,295.28 \$1,844.51 \$1,407.47 \$1,780.24 \$472.48 \$672.82 \$1,880.14 \$2,453.26 \$16 Armiess Candiestick (Single Phase Assembly) (each) \$347.16 \$494.36 \$489.26 \$577.96 \$137.94 \$196.43 \$560.44 \$3707.63 \$170.00 \$170.00 \$1,240.20 \$170.00 \$1,240.20	14				\$696.58	\$991.94	\$676.86	\$852.39	\$307.11	\$437.33	\$983.94	\$1.289.68
15 glass, braces & lags) (each) 51,295,28 \$1,844.51 \$1,407.47 \$1,780.24 \$472.48 \$572.82 \$1,800.14 \$22,832.65 \$10.00					*******	***************************************	ų or or or	V	,	***************************************	· · ·	+ 1,20000
Single Alley Arm SkX & 15kV (Total Single Phase Assembly) (each) Single Alley Arm SkX & 15kV (Total Single Phase Assembly including pins, glass, braces & lags) (each) Single Phase Assembly including pins, glass, braces & lags) (each) Single Phase Assembly including pins, glass, braces & lags) (each) Single Phase Assembly including pins, glass, braces & lags) (each) Single Phase Assembly including pins, glass, braces & lags) (each) Single Phase Assembly including pins, glass, braces & lags) (each) Single Phase Assembly including pins, glass, braces & lags) (each) Single Phase Tansformer (Remove Only) Single Phase Sapactor Spacer (Park V & 15kV (Corp) Single Phase Sapactor (Park V & Single Phase Sapactor (Park V	15				\$1,295,28	\$1.844.51	\$1,407,47	\$1.780.24	\$472.48	\$672.82	\$1.880.14	\$2,453,26
Single Alley Arm 5kV & 15kV (Total Single Phase Assembly including pins, glass, braces & lags) (each) \$1,264.14 \$1,800.16 \$1,434.84 \$1,810.43 \$482.92 \$687.69 \$1,917.60 \$2,497.96												
17 glass, braces & lags (each)					***************************************	V 10 110 0	Ţ i o o i i	V	· · · · · · · ·	***************************************	V OCOLLI	77.07.00
Double Alley Arm 5kV & 15 kV (Total Single Phase Assembly including pins, glass, braces & lags) (each) \$2,178.84 \$3,102.70 \$2,524.19 \$3,162.12 \$845.74 \$1,204.35 \$3,369.86 \$4,366.38	17				\$1,264,14	\$1.800.16	\$1.434.84	\$1.810.43	\$482.92	\$687.69	\$1.917.60	\$2,497,96
18 glass, braces & lags) (each) \$2,178.84 \$3,102.70 \$2,524.19 \$3,162.12 \$845.74 \$1,204.35 \$3,369.86 \$4,366.38 19 Vertical Dead-end (Including glass, shoe, attachment, loop) (each) \$436.21 \$621.17 \$428.78 \$557.12 \$267.04 \$380.27 \$695.83 \$337.18 20 Pole Top or Side Pin (each) \$151.31 \$215.47 \$195.85 \$235.48 \$57.85 \$82.38 \$253.71 \$317.86 30 Spacer Cable Tanget \$151.31 \$215.47 \$195.85 \$235.48 \$57.85 \$82.38 \$253.71 \$317.86 31 Spacer Cable Deadend \$151.31 \$215.47 \$195.85 \$235.48 \$57.85 \$82.38 \$253.71 \$317.86 31 Spacer Cable Deadend \$151.31 \$215.47 \$195.85 \$255.48 \$567.37 \$220.74 \$314.33 \$779.36 \$981.68 31 Spacer Cable Deadend \$151.31 \$240.88 \$4,072.91 \$5,799.90 \$4,471.04 \$5,653.44 \$2,241.76 \$3,192.30 \$6,713.03 \$8,845.98 31 Spacer Cable Deadend \$151.31 \$174.21 \$248.08 \$674.56 \$886.08 31 Spacer Cable Deadend \$151.31 \$1					* , -	, ,====	, ,	, ,	,	*	, ,-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
19 Vertical Dead-end (Including glass, shoe, attachment, loop) (each) \$436.21 \$621.17 \$428.78 \$557.12 \$267.04 \$380.27 \$595.83 \$937.40	18				\$2.178.84	\$3.102.70	\$2.524.19	\$3,162,12	\$845.74	\$1,204,35	\$3.369.86	\$4.366.38
20 Pole Top or Side Pin (each) Spacer Cable Tanget Spacer Cable Tanget Spacer Cable Deadend Spacer Cable Tangent Spacer Cable Deadend Spacer Cable Deadend Spacer Cable Tangent S					•							
Spacer Cable Tanget Spacer Cable Details												
21 Bracket 5/15KV (each) Spacer Cable Deadend Framing 5/15KV (each) Lashed Cable Tangent Lashed Cable Deadend Lashed Cable Deadend Lashed Cable Deadend Lashed Cable Tangent Lashed Cable Deadend Lashed Cable Deadend S469.97 \$669.25 \$500.35 \$638.01 \$174.21 \$248.08 \$674.56 \$886.08 \$674		-					·					
Spacer Cable Deadend \$4,072.91 \$5,799.90 \$4,471.04 \$5,653.44 \$2,241.76 \$3,192.30 \$6,713.03 \$8,845.98	21				\$398.26	\$567.12	\$558.64	\$667.37	\$220.74	\$314.33	\$779.36	\$981.68
Lashed Cable Tangent Bracket 5/15KV (each) Lashed Cable Deadend Framing 5/15KV (each) 24 Framing 5/15KV (each) 25 Triplex/Neuttral Bracket 3 Wire Secondary Bracket 26 Substituting State Secondary Bracket 27 Cutout 5 kV &15 kV (complete assembly) 28 Disconnect Switch 5 kV &15kV (complete 3 Phase assembly) 29 Arrester 5 kV & 15kV (complete assembly) 29 Arrester 5 kV & 15kV (complete assembly) 29 Conventional Transformer (through 50 kVA) 30 Conventional Transformer (through 50 kVA) 31 Three Phase Transformer Bank (Up To 50 kVA) 32 Single Phase Capacitor 886.67 \$469.97 \$669.25 \$500.35 \$500.35 \$638.01 \$174.21 \$248.08 \$674.56 \$886.08 \$886.08 \$886.08 \$886.08 \$886.08 \$886.08 \$882.72 \$1,049.77 \$511.89 \$728.94 \$1,344.65 \$1,778.76 \$886.08 \$886.08 \$886.07 \$896.07 \$184.03 \$100.16 \$142.63 \$100.54 \$128.84 \$66.75 \$95.06 \$167.29 \$223.90 \$823.90 \$806.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$1,238.29 \$737.62 \$922.57 \$369.32 \$369.32 \$1,107.01 \$1,448.59 \$896.07 \$896.07 \$896.07 \$1,238.29 \$1,107.01 \$1,448.59 \$100.15 \$1,448.06 \$896.07 \$1,238.29 \$1,107.01 \$1,448.59 \$1,007.05 \$1,007							·		·			
Lashed Cable Tangent Bracket 5/15KV (each) Lashed Cable Deadend Framing 5/15KV (each) 24 Framing 5/15KV (each) 25 Triplex/Neuttral Bracket 3 Wire Secondary Bracket 26 Substituting State Secondary Bracket 27 Cutout 5 kV &15 kV (complete assembly) 28 Disconnect Switch 5 kV &15kV (complete 3 Phase assembly) 29 Arrester 5 kV & 15kV (complete assembly) 29 Arrester 5 kV & 15kV (complete assembly) 29 Conventional Transformer (through 50 kVA) 30 Conventional Transformer (through 50 kVA) 31 Three Phase Transformer Bank (Up To 50 kVA) 32 Single Phase Capacitor 886.67 \$469.97 \$669.25 \$500.35 \$500.35 \$638.01 \$174.21 \$248.08 \$674.56 \$886.08 \$886.08 \$886.08 \$886.08 \$886.08 \$886.08 \$882.72 \$1,049.77 \$511.89 \$728.94 \$1,344.65 \$1,778.76 \$886.08 \$886.08 \$886.07 \$896.07 \$184.03 \$100.16 \$142.63 \$100.54 \$128.84 \$66.75 \$95.06 \$167.29 \$223.90 \$823.90 \$806.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$896.07 \$1,238.29 \$737.62 \$922.57 \$369.32 \$369.32 \$1,107.01 \$1,448.59 \$896.07 \$896.07 \$896.07 \$1,238.29 \$1,107.01 \$1,448.59 \$100.15 \$1,448.06 \$896.07 \$1,238.29 \$1,107.01 \$1,448.59 \$1,007.05 \$1,007	22	Framing 5/15KV (each)			\$4,072.91	\$5,799.90	\$4,471.04	\$5,653.44	\$2,241.76	\$3,192.30	\$6,713.03	\$8,845.98
Lashed Cable Deadend 24 Framing 5/15KV (each) 25 Triplex/Neuttral Bracket \$100.16 \$142.63 \$100.16 \$142.63 \$100.54 \$12.884 \$66.75 \$95.06 \$167.29 \$223.90 \$1,049.77 \$1.00.00 \$100.00 \$. ,	
Lashed Cable Deadend 24 Framing 5/15KV (each) 25 Triplex/Neuttral Bracket \$100.16 \$142.63 \$100.16 \$142.63 \$100.54 \$12.884 \$66.75 \$95.06 \$167.29 \$223.90 \$1,049.77 \$1.00.00 \$100.00 \$	23	Bracket 5/15KV (each)			\$469.97	\$669.25	\$500.35	\$638.01	\$174.21	\$248.08	\$674.56	\$886.08
Standard												
Standard	24	Framing 5/15KV (each)			\$756.72	\$1,077.58	\$832.72	\$1,049.77	\$511.89	\$728.94	\$1,344.65	\$1,778.76
27 Cutout 5 kV &15 KV (complete assembly) (each) \$605.38 \$862.07 \$605.38 \$862.07 \$648.39 \$801.26 \$338.23 \$481.64 \$986.57 \$1,282.85 28 Disconnect Switch 5 kV &15kV (complete 3 Phase assembly) \$4,117.26 \$5,863.05 \$5,196.71 \$6,339.50 \$1,872.33 \$2,666.23 \$7,069.37 \$9,006.06 29 Arrester 5 kV & 15kV (each) (complete assembly) \$471.84 \$671.92 \$896.67 \$1,238.29 \$737.62 \$922.57 \$369.32 \$1,107.01 \$1,448.59 30 Conventional Transformer (through 50 kVA) \$718.85 \$1,023.65 \$1,918.98 \$2,689.97 \$1,850.92 \$2,330.72 \$1,173.58 \$1,671.19 \$3,024.10 \$4,001.52 30A CSP Transformer (Remove Only) \$448.06 \$638.04 \$448.06 \$638.04 \$6,824.36 \$8,578.53 \$3,018.29 \$4,298.10 \$9,842.71 \$12,876.69 32 Single Phase Capacitor \$896.67 \$1,276.87 \$3,612.65 \$5,110.79 \$3,340.44 \$4,276.36 \$1,512.96 \$2,154.49 \$4,853.15			\$100.16	\$142.63	\$100.16				\$66.75	\$95.06		
27 Cutout 5 kV &15 KV (complete assembly) (each) \$605.38 \$862.07 \$605.38 \$862.07 \$648.39 \$801.26 \$338.23 \$481.64 \$986.57 \$1,282.85 28 Disconnect Switch 5 kV &15kV (complete 3 Phase assembly) \$4,117.26 \$5,863.05 \$5,196.71 \$6,339.50 \$1,872.33 \$2,666.23 \$7,069.37 \$9,006.06 29 Arrester 5 kV & 15kV (each) (complete assembly) \$471.84 \$671.92 \$896.67 \$1,238.29 \$737.62 \$922.57 \$369.32 \$1,107.01 \$1,448.59 30 Conventional Transformer (through 50 kVA) \$718.85 \$1,023.65 \$1,918.98 \$2,689.97 \$1,850.92 \$2,330.72 \$1,173.58 \$1,671.19 \$3,024.10 \$4,001.52 30A CSP Transformer (Remove Only) \$448.06 \$638.04 \$448.06 \$638.04 \$6,824.36 \$8,578.53 \$3,018.29 \$4,298.10 \$9,842.71 \$12,876.69 32 Single Phase Capacitor \$896.67 \$1,276.87 \$3,612.65 \$5,110.79 \$3,340.44 \$4,276.36 \$1,512.96 \$2,154.49 \$4,853.15	26	3 Wire Secondary Bracket	\$184.71	\$263.04	\$184.71	\$263.04	\$246.02	\$313.95	\$84.56	\$120.41	\$330.61	\$434.40
29 Arrester 5 kV & 15kV (each) (complete assembly) \$471.84 \$671.92 \$896.67 \$1,238.29 \$737.62 \$922.57 \$369.32 \$1,070.01 \$1,448.59 30 Conventional Transformer (through 50 kVA) \$718.85 \$1,023.65 \$1,918.98 \$2,689.97 \$1,850.92 \$2,330.72 \$1,173.58 \$1,671.19 \$3,024.10 \$4,001.52 30A CSP Transformer (Remove Only) \$448.06 \$638.04 \$638.04 \$6,824.36 \$6,824.36 \$8,578.53 \$3,018.29 \$4,298.10 \$9,842.71 \$12,876.69 32 Single Phase Capacitor \$896.67 \$1,276.87 \$3,612.65 \$5,110.79 \$3,340.44 \$4,276.36 \$1,512.96 \$2,154.49 \$4,853.15 \$6,430.59		Cutout 5 kV &15 Kv (complete assembly) (each)	\$605.38	\$862.07	\$605.38	\$862.07	\$648.39	\$801.26	\$338.23	\$481.64	\$986.57	\$1,282.85
29 Arrester 5 kV & 15kV (each) (complete assembly) \$471.84 \$671.92 \$896.67 \$1,238.29 \$737.62 \$922.57 \$369.32 \$1,070.01 \$1,448.59 30 Conventional Transformer (through 50 kVA) \$718.85 \$1,023.65 \$1,918.98 \$2,689.97 \$1,850.92 \$2,330.72 \$1,173.58 \$1,671.19 \$3,024.10 \$4,001.52 30A CSP Transformer (Remove Only) \$448.06 \$638.04 \$638.04 \$6,824.36 \$6,824.36 \$8,578.53 \$3,018.29 \$4,298.10 \$9,842.71 \$12,876.69 32 Single Phase Capacitor \$896.67 \$1,276.87 \$3,612.65 \$5,110.79 \$3,340.44 \$4,276.36 \$1,512.96 \$2,154.49 \$4,853.15 \$6,430.59												_
30 Conventional Transformer (through 50 kVA) \$718.85 \$1,023.65 \$1,918.98 \$2,689.97 \$1,850.92 \$2,330.72 \$1,173.58 \$1,671.19 \$3,024.10 \$4,001.52 30A CSP Transformer (Remove Only) \$448.06 \$638.04 \$638.04 \$638.04 \$6,824.36 \$1,023.65 \$1,0			\$471.84	\$671.92								
30A CSP Transformer (Remove Only) \$448.06 \$638.04 \$48.06 \$638.04 \$48.06 </td <td></td>												
31 Three Phase Transformer Bank (Up To 50 kVA) \$3,978.98 \$5,666.15 \$7,152.60 \$10,142.73 \$6,824.36 \$8,578.53 \$3,018.29 \$4,298.10 \$9,842.71 \$12,876.69 32 Single Phase Capacitor \$896.67 \$1,276.87 \$3,612.65 \$5,110.79 \$3,340.44 \$4,276.36 \$1,512.96 \$2,154.49 \$4,853.15 \$6,430.59		CSP Transformer (Remove Only)										
32 Single Phase Capacitor \$896.67 \$1,276.87 \$3,612.65 \$5,110.79 \$3,340.44 \$4,276.36 \$1,512.96 \$2,154.49 \$4,853.15 \$6,430.59		•	\$3,978.98	\$5,666.15	\$7,152.60	\$10,142.73	\$6,824.36	\$8,578.53			\$9,842.71	\$12,876.69
		• • • • • • • • • • • • • • • • • • • •			•							
		Three Phase Capacitor	\$1,213.04	\$1,727.40	\$4,590.79		\$4,188.54				\$6,231.03	

nationalgrid

	THIRD PARTY DISTRIBUTION				UMMARY SHE	ET (dollars)					
			December 14th								
		R = Rearrangement		T = Transfer		I = Installation		RM = Removal		RPL = Replacement = I + RM	
Item No.	Make-Ready Activity Item	Rearrangement (Straight Time	Costs (Labor Overtime	Transfer Costs Straight Time	s (Labor and Overtime	Installation Cos Straight Time	ts (Labor and Overtime	Removal Straight Time	Costs Overtime	Replacement Co Straight Time	osts (Labor and Overtime
34	Single Phase Regulator	\$1,210.51	\$1,723.78	\$3,144.56	\$4,444.21	\$3,448.37	\$4,142.49	\$1,279.00	\$1,821.31	\$4,727.20	\$5,963.63
35	Three Phase 2 Regulator Bank (each)	\$1,513.13	\$2,154.72	\$9,881.82	\$14,038.20	\$7,210.11	\$9,506.26	\$4,247.62	\$6,048.69	\$15,219.09	\$19,459.92
36	Three Phase 3 Regulator Bank (each)	\$1,513.13	\$2,154.72	\$12,199.09	\$17,338.04	\$13,928.45	\$16,954.31	\$5,233.73	\$7,452.92	\$19,162.19	\$24,407.24
37	Primary Tangent (each conductor)	\$333.82	\$475.36	\$333.82	\$475.36	410,020110	4.0,00	40,200 6	VI,IOZIOZ	V.0,102.10	V 2.1,101.12.1
38	Multiplex Secondary (Tangent)	\$333.82	\$475.36	\$333.82	\$475.36						
39	Primary Dead-end - Open Wire	\$333.82	\$475.36	\$333.82	\$475.36						
40	Secondary Dead-end Multiplex	\$333.82	\$475.36	\$333.82	\$475.36						
41	Multiplex/Service (Splice-in add'l wire) (each)	\$329.38	\$469.05	\$329.38	\$469.05						
42	UG Service Riser Single Phase (through 350mcm, including Connections)	•		\$934.51	\$1,330.76	\$1,159.19	\$1,489.40	\$489.51	\$697.07	\$1,648.68	\$2,186.46
43	UG Service Riser Three Phase (through 350mcm, including Connections)			\$934.51	\$1,330.76	\$1,197.99	\$1,528.20	\$489.51	\$697.07	\$1,687.49	\$2,225.26
44	UG Service Riser Single Phase (greater than 350mcm, including Connections)			\$934.51	\$1,330.76	\$1,196.91	\$1,527.12	\$489.51	\$697.07	\$1,686.41	\$2,224.18
	UG Service Riser Three Phase (greater than 350mcm, including										
45	Connections)			\$934.51	\$1,330.76	\$1,436.82	\$1,767.03	\$489.51	\$697.07	\$1,926.32	\$2,464.09
46	UG Primary 7.62 kV Riser Single Phase (including splicing)			\$2,771.59	\$3,946.80	\$3,602.97	\$4,447.05	\$1,648.15	\$2,346.99	\$5,251.65	\$6,794.59
46A	UG Primary 13.2 kV Riser Three Phase (including splicing)			\$4,227.09	\$6,019.45	\$6,331.68	\$7,768.95	\$2,879.52	\$4,100.49	\$9,211.62	\$11,869.87
47	Riser U-Guard (5ft per unit)			\$222.58	\$316.96	\$167.85	\$215.04	\$111.29	\$158.48	\$279.14	\$373.52
48	Fiber Optic Cable Bracket (each)	\$31.14	\$44.35	\$31.14	\$44.35	\$64.72	\$77.93	\$13.34	\$19.00	\$68.15	\$87.02
49	Lightning Arrester			\$400.60	\$570.46	\$323.17	\$408.10	\$200.29	\$285.21	\$523.46	\$693.31
50	Anchor and Rod					\$528.29	\$670.11	\$167.21	\$238.11	\$695.52	\$908.23
51	Pole Top Extension					\$2,789.33	\$3,072.44	\$389.49	\$554.64		
52	Cut Pole Top						•	\$182.51	\$259.90		
53	*Pole Replacement - 35'					\$1,691.57	\$2,123.64	\$506.16	\$720.78	\$2,197.64	\$2,844.31
54	*Pole Replacement - 40'					\$1,851.88	\$2,283.94	\$506.16	\$720.78	\$2,357.94	\$3,004.62
55	*Pole Replacement - 45'					\$2,011.47	\$2,443.54	\$506.16	\$720.78	\$2,517.53	\$3,164.21
56	*Pole Replacement - 50'					\$2,216.64	\$2,648.71	\$506.16	\$720.78	\$2,722.70	\$3,369.38
57	*Pole Replacement - 55'					\$3,162.77	\$3,839.70	\$597.58	\$850.96	\$3,760.32	\$4,690.64
58	*Pole Replacement - 60'					\$3,762.21	\$4,439.14	\$597.58	\$850.96	\$4,359.76	\$5,290.08
59	*Pole Replacement - 65'					\$4,390.60	\$5,067.54	\$597.58	\$850.96	\$4,988.16	\$5,918.47
60	*Pole Replacement - 70'					\$5,420.14	\$6,097.08	\$597.58	\$850.96	\$6,017.70	\$6,948.01
61	*Pole Replacement - 75'					\$6,289.46	\$7,005.65	\$533.39	\$759.55 \$750.55	\$6,822.85	\$7,765.20
62	*Pole Replacement - 80'					\$6,788.73	\$7,504.92	\$533.39	\$759.55	\$7,322.12	\$8,264.48
63A	*Pole Replacement - 85' *Pole Replacement - 90'					\$7,183.13	\$7,899.31	\$533.39	\$759.55	\$7,716.51	\$8,658.87
63B	•					\$9,705.19	\$10,421.37	\$533.39	\$759.55 \$750.55	\$10,238.58	\$11,180.93
63C	*Pole Replacement - 95'					\$8,462.16	\$9,178.35	\$533.39	\$759.55 \$750.55	\$8,995.55	\$9,937.91
63D	*Pole Replacement - 100'					\$9,009.65	\$9,725.83	\$533.39	\$759.55	\$9,543.03	\$10,485.39
63E	*Pole Replacement - 105'					\$9,512.36	\$10,228.55	\$533.39	\$759.55	\$10,045.75	\$10,988.11
63F	*Pole Replacement - 110'					\$11,394.11	\$12,110.30	\$533.39	\$759.55	\$11,927.50	\$12,869.86
63G	*Pole Replacement - 115'					\$15,087.03	\$15,803.21 \$24,470.00	\$533.39	\$759.55	\$15,620.41	\$16,562.77
63H	*Pole Replacement - 120'					\$20,463.70	\$21,179.89 \$4,040.61	\$533.39	\$759.55	\$20,997.09	\$21,939.44
64	Labor Adder for Rock Dig for Pole Hourly Placement (\$/Hr.) Three Phase Service (3 Phase, 4 Wire to 1/0 Quadraplex)			\$513.44	\$721.94	\$1,475.38 \$476.20	\$1,949.61 \$621.68	\$4.44	\$6.32	\$1,475.38	\$1,949.61 \$828.29
65 65 A						\$476.20 \$525.22				\$619.80 \$725.43	
65A	Three Phase Service (3 Phase, 4 Wire to 336.4 Quadraplex)			\$559.69	\$768.18	\$525.23	\$670.71	\$4.44	\$6.32	\$725.43	\$955.82

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		Effective: D	December 14th	, 2016								
		R = Rearrar	R = Rearrangement		T = Transfer		I = Installation		moval	RPL = Replacer	RPL = Replacement = I + RM	
Item No.	Make-Ready Activity Item	Rearrangement Costs (Labor		Transfer Costs (Labor and		Installation Costs (Labor and		Removal Costs		Replacement Costs (Labor and		
		Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime	Straight Time	Overtime	
66	Secondary 1/0 Triplex (per conductor, per span)	\$333.82	\$475.36	\$333.82	\$475.36	\$635.52	\$839.37	\$178.07	\$253.58	\$813.59	\$1,092.94	
66A	Secondary 336.4 Triplex/Quadraplex (per conductor, per span)	\$734.45	\$1,045.86	\$734.45	\$1,045.86	\$974.00	\$1,285.43	\$289.36	\$412.06	\$1,263.37	\$1,697.49	
66B	Primary 1/0 ACSR (per conductor, per span)	\$200.29	\$285.21	\$200.29	\$285.21	\$635.64	\$839.49	\$111.32	\$158.52	\$746.96	\$998.01	
66C	Primary 336.4 SAL (conductor, per span)	\$200.29	\$285.21	\$200.29	\$285.21	\$636.45	\$840.30	\$178.07	\$253.58	\$814.52	\$1,093.87	
67	Single Phase Service (Open Wire/Multiplex to 1/0 Triplex) (each)					\$318.97	\$415.76	\$4.44	\$6.32	\$323.40	\$422.08	
67A	Single Phase Service (Open Wire/Multiplex to 336.4 Triplex/Quad.)					\$516.41	\$661.90	\$4.44	\$6.32	\$520.85	\$668.21	
68	Reconnect Service (Assoc. with Secondary Replacement) (each)	\$175.37	\$249.73	\$175.37	\$249.73							
69	Reconnect Streetlight (Assoc. with Secondary Replacement) (each)	\$243.03	\$346.08	\$243.03	\$346.08							
70	Reconnect Transformer (Assoc. with Secondary Replacement) (each)	\$175.37	\$249.73	\$175.37	\$249.73							
71	Tree Trim - up to 6" Diameter (each)	DETERMINED BY NATIONAL GRID FORESTRY REVIEW										
72	Tree Trim - Greater than 6" Diameter (each)											
* - Performance Rates for poles obtained from the Joint Use Agreement												
	M = Miscellaneous			MIS	CELLANEOUS I	ITEMS						
AVEL TIME ADDER												
73	Travel/Mobilization Adder	For Special Instances Where Make-Ready Work Requires Travel Beyond Customary Travel - An Added Cost shall be Estimated using the									using the	
URLY RATES												
74	Light Traffic Flow -Traffic Control - Flagging (\$/hr.)	\$73.80	\$107.80									
75	Moderate Traffic Flow -Traffic Control - Flagging (\$/hr.)	\$107.60	\$157.00									
76	Heavy Traffic Flow -Traffic Control - Flagging (\$/hr.)	\$141.50	\$206.30									
F-ROAD MULTIPLIER												
77	Multiplier for Off-Road Work (Multiplier x Unit Price)	Fringe Bene	efits and									
ITAGE COSTS												
78	Costs Related to Labor Associated with Outage Preparation and Execution	Costs are to be Estimated for Each Individual Outage										
		240	3 41490									