

Exhibit 15-K-2 Composite WIP Conductivity Data

WIP 610 kHz Lic DA1U BL861110AE 20060522
PA PHILADELPHIA 5.000 kW 2 Towers 2 Augmentations
N.Lat: 39 51 56 W.Lon: 75 06 43 10 Measured Cond

' ' means estimated conductivity, from M-3 map.
'M*' means measured conductivity (main bearing).

All distances are in kilometers (US metric curves)
All distances are cumulative.
All radiations are in mV/m at one kilometer

Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
0.0+	738.7	0.5+	1.0	1.0+	2.7	2.0+	8.0
		6.0+	31.4	4.0	124.1	2.0	154.4
		4.0	562.2	10.0	600.0		
5.0+	634.0	0.5+	1.0	1.0+	2.7	2.0+	8.0
		6.0+	31.4	4.0	119.2	2.0	162.3
		4.0	573.2	10.0	600.0		
10.0	537.3	4.0	113.2	2.0	172.2	4.0	350.1
		2.0	387.9	4.0	580.4	10.0	600.0
15.0	452.9	4.0	109.6	2.0	182.0	4.0	358.9
		2.0	570.0	4.0	600.0		
20.0	384.6	4.0	107.9	2.0	179.6	4.0	374.3
		2.0	611.6				
25.0	334.9	4.0	108.6	2.0	170.5	4.0	384.8
		2.0	491.2	1.0	501.6	0.5	600.0
30.0	303.9	4.0	114.1	2.0	135.2	4.0	327.9
		1.0	584.3	0.5	600.0		
34.0-	290.7	1.0-	2.4	3.0-	9.7	5.0-	31.9
		4.0	198.7	1.0	559.5	2.0	600.0
35.0-	288.6	1.0-	2.4	3.0-	9.7	5.0-	31.9
		4.0	193.9	1.0	537.8	2.0	600.0
40.0-	283.3	1.0-	2.4	3.0-	9.7	5.0-	31.9
		4.0	179.6	1.0	268.9	2.0	322.5
		1.0	507.0	2.0	600.0		
44.0M*	282.6	1.0M*	2.4	3.0M*	9.7	5.0M*	31.9
		4.0	99.4	5000.0	100.3	4.0	125.5
		5000.0	134.8	4.0	139.2	5000.0	148.4
		4.0	173.1	1.0	251.2	2.0	399.6
		1.0	474.2	2.0	508.8	5000.0	511.0
		2.0	526.1	5000.0	600.0		

Exhibit 15-K-2 (cont.)
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PA PHILADELPHIA 5.000 kW 2 Towers 2 Augmentations
N.Lat: 39 51 56 W.Lon: 75 06 43 10 Measured Cond

Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
45.0+	282.6	1.0+	2.4	3.0+	9.7	5.0+	31.9
		4.0	99.4	5000.0	103.0	4.0	124.3
		5000.0	138.4	4.0	145.3	5000.0	151.1
		4.0	154.8	5000.0	184.5	1.0	247.6
		2.0	429.4	1.0	459.7	2.0	498.6
		5000.0	600.0				
50.0+	282.8	1.0+	2.4	3.0+	9.7	5.0+	31.9
		4.0	101.7	5000.0	124.8	0.5	136.3
		5000.0	137.9	0.5	179.1	4.0	183.2
		5000.0	186.5	4.0	188.8	5000.0	241.3
		2.0	435.9	5000.0	443.6	2.0	443.9
		5000.0	600.0				
54.0+	282.7	1.0+	2.4	3.0+	9.7	5.0+	31.9
		4.0	108.9	5000.0	139.9	0.5	198.5
		5000.0	204.6	0.5	211.4	5000.0	270.7
		2.0	282.2	5000.0	284.3	2.0	448.3
		5000.0	600.0				
55.0	282.6	4.0	109.9	5000.0	143.0	0.5	216.1
		5000.0	279.2	2.0	280.2	5000.0	284.0
		2.0	295.2	5000.0	296.6	2.0	378.0
		5000.0	380.2	2.0	447.7	5000.0	600.0
60.0	283.3	4.0	110.4	5000.0	192.9	0.5	242.1
		5000.0	375.8	2.0	387.2	5000.0	390.0
		2.0	401.0	5000.0	406.3	2.0	417.4
		5000.0	428.8	2.0	443.5	5000.0	480.1
		2.0	488.0	5000.0	600.0		
65.0	288.6	4.0	104.5	5000.0	600.0		
70.0	303.9	4.0	98.9	5000.0	600.0		
75.0	334.9	4.0	87.8	5000.0	89.7	4.0	94.6
		5000.0	600.0				
80.0	384.6	4.0	89.2	5000.0	600.0		
85.0	452.9	4.0	86.4	5000.0	600.0		
90.0	537.3	4.0	85.5	5000.0	600.0		
95.0-	634.0	0.5-	1.0	1.5-	2.7	3.0-	16.1
		1.8-	31.4	4.0	82.6	5000.0	600.0
100.0-	738.7	0.5-	1.0	1.5-	2.7	3.0-	16.1
		1.8-	31.4	4.0	83.9	5000.0	600.0
105.0M*	847.0	0.5M*	1.0	1.5M*	2.7	3.0M*	16.1
		1.8M*	31.4	4.0	82.2	5000.0	600.0
110.0+	954.0	0.5+	1.0	1.5+	2.7	3.0+	16.1
		1.8+	31.4	4.0	78.3	5000.0	600.0
115.0+	1055.0	0.5+	1.0	1.5+	2.7	3.0+	16.1
		1.8+	31.4	4.0	76.1	5000.0	600.0

Exhibit 15-K-2 (cont.)
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PA PHILADELPHIA 5.000 kW 2 Towers 2 Augmentations
N.Lat: 39 51 56 W.Lon: 75 06 43 10 Measured Cond

Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
120.0	1145.4	4.0	71.6	5000.0	600.0		
125.0	1220.8	4.0	76.4	5000.0	600.0		
130.0-	1277.5	2.0-	31.9	4.0	73.7	5000.0	600.0
135.0-	1312.8	2.0-	31.9	4.0	78.0	5000.0	600.0
140.0M*	1324.8	2.0M*	31.9	4.0	78.5	5000.0	600.0
145.0+	1312.8	2.0+	31.9	4.0	72.7	5000.0	78.4
		4.0	81.5	5000.0	600.0		
150.0+	1277.5	2.0+	31.9	4.0	83.8	5000.0	600.0
155.0	1220.8	4.0	88.7	5000.0	600.0		
160.0	1145.4	4.0	94.2	5000.0	600.0		
165.0-	1055.0	3.0-	16.9	2.0-	31.4	4.0	102.8
		5000.0	600.0				
170.0-	954.0	3.0-	16.9	2.0-	31.4	4.0	77.2
		5000.0	94.2	4.0	105.3	5000.0	600.0
175.0M*	847.0	3.0M*	16.9	2.0M*	31.4	4.0	73.8
		5000.0	600.0				
180.0+	738.7	3.0+	16.9	2.0+	31.4	4.0	75.0
		5000.0	118.0	4.0	133.7	2.0	157.5
		5000.0	158.8	2.0	162.4	5000.0	166.7
		2.0	173.9	5000.0	600.0		
185.0+	634.0	3.0+	16.9	2.0+	31.4	4.0	69.6
		5000.0	111.1	4.0	136.3	2.0	195.4
		5000.0	600.0				
190.0	537.3	4.0	66.8	5000.0	97.7	4.0	140.2
		2.0	253.5	5000.0	402.6	4.0	412.2
		5000.0	474.8	4.0	500.1	5000.0	600.0
195.0	452.9	4.0	64.5	5000.0	92.1	4.0	144.6
		2.0	217.9	5000.0	252.4	2.0	273.9
		5000.0	280.7	2.0	303.2	5000.0	340.3
		4.0	427.4	5000.0	431.2	4.0	434.7
		5000.0	446.4	4.0	496.6	5000.0	500.0
		4.0	505.2	5000.0	521.9	4.0	538.2
		5000.0	541.7	4.0	557.3	5000.0	564.7
		4.0	584.8	5000.0	584.9	4.0	590.5
		5000.0	600.0				

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N.Lat: 39 51 56 W.Lon: 75 06 43 10 Measured Cond

Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
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200.0	384.6	4.0	61.5	5000.0	74.1	4.0	149.2
		2.0	192.1	5000.0	196.0	2.0	203.4
		5000.0	293.9	2.0	295.2	5000.0	299.8
		2.0	300.9	5000.0	320.2	4.0	341.1
		5000.0	352.5	4.0	431.8	5000.0	437.8
		4.0	442.6	2.0	476.7	4.0	511.1
		5000.0	513.1	4.0	600.0		
205.0	334.9	4.0	59.3	5000.0	66.8	4.0	155.3
		2.0	182.5	5000.0	191.5	2.0	197.7
		5000.0	237.9	4.0	239.7	5000.0	243.3
		4.0	247.4	5000.0	250.0	4.0	271.6
		5000.0	276.7	2.0	310.8	5000.0	314.7
		2.0	325.5	5000.0	330.2	2.0	553.0
		4.0	600.0				
208.0-	314.2	2.0-	2.7	5.0-	31.2	4.0	58.2
		5000.0	65.6	4.0	159.8	2.0	193.4
		5000.0	227.2	4.0	228.2	5000.0	238.5
		4.0	269.4	5000.0	275.9	2.0	302.0
		5000.0	305.1	2.0	329.4	5000.0	333.7
		2.0	552.3	4.0	600.0		
210.0-	303.9	2.0-	2.7	5.0-	31.2	4.0	57.6
		5000.0	65.0	4.0	163.1	40.0	163.3
		4.0	163.4	2.0	191.1	5000.0	215.7
		4.0	225.2	5000.0	239.0	4.0	266.1
		5000.0	270.8	2.0	298.8	5000.0	299.5
		2.0	333.6	5000.0	333.9	2.0	551.9
		4.0	603.2				
215.0-	288.6	2.0-	2.7	5.0-	31.2	4.0	56.4
		5000.0	63.7	4.0	154.7	40.0	167.5
		4.0	172.6	40.0	176.3	5000.0	184.7
		2.0	186.3	5000.0	196.9	4.0	204.7
		5000.0	209.0	4.0	225.7	5000.0	232.0
		4.0	260.9	5000.0	264.1	2.0	553.5
		4.0	592.1	2.0	600.0		
218.0M*	285.2	2.0M*	2.7	5.0M*	31.2	4.0	54.6
		5000.0	63.3	4.0	137.4	40.0	139.3
		4.0	149.5	40.0	152.2	4.0	155.7
		40.0	183.1	5000.0	194.5	4.0	201.6
		5000.0	207.4	4.0	228.1	5000.0	238.9
		4.0	255.9	5000.0	259.4	4.0	261.6
		2.0	527.8	4.0	599.9	2.0	600.2

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N.Lat: 39 51 56 W.Lon: 75 06 43 10 Measured Cond

Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
-----	-----	-----	-----	-----	-----	-----	-----
220.0+	288.5	2.0+	2.7	5.0+	31.2	4.0	53.5
		5000.0	63.0	4.0	137.3	40.0	151.2
		4.0	158.1	40.0	160.8	4.0	165.6
		40.0	188.2	5000.0	189.0	4.0	203.7
		5000.0	207.3	4.0	231.0	5000.0	242.0
		4.0	260.4	2.0	504.2	4.0	600.0
225.0-	309.6	1.5-	1.6	5.0-	31.9	4.0	49.4
		5000.0	56.8	4.0	126.2	40.0	175.9
		4.0	232.6	5000.0	235.7	4.0	258.2
		2.0	477.6	4.0	600.0		
228.0-	319.7	1.5-	1.6	5.0-	31.9	4.0	47.0
		5000.0	52.6	4.0	122.8	40.0	125.9
		4.0	130.2	40.0	165.3	4.0	232.8
		5000.0	237.0	4.0	244.4	5000.0	251.1
		4.0	254.7	2.0	475.5	4.0	570.6
		2.0	600.0				
230.0M*	321.9	1.5M*	1.6	5.0M*	31.9	4.0	46.7
		5000.0	52.5	4.0	128.5	40.0	148.0
		4.0	149.6	40.0	153.1	4.0	153.3
		40.0	155.4	4.0	159.8	40.0	161.7
		4.0	243.5	5000.0	248.5	4.0	250.5
		2.0	476.4	4.0	560.8	2.0	600.0
232.0+	319.9	1.5+	1.6	5.0+	31.9	4.0	46.5
		5000.0	52.4	4.0	126.3	40.0	147.6
		4.0	153.4	40.0	155.3	4.0	162.3
		40.0	162.5	4.0	218.3	5000.0	225.9
		4.0	230.9	5000.0	238.4	4.0	244.3
		2.0	600.0				
235.0+	310.9	1.5+	1.6	5.0+	31.9	4.0	44.6
		5000.0	52.5	4.0	91.5	40.0	95.3
		4.0	118.6	40.0	142.5	4.0	149.4
		40.0	150.4	4.0	154.5	40.0	155.6
		4.0	200.6	5000.0	203.3	4.0	223.6
		2.0	600.0				
240.0-	292.0	2.0-	2.9	5.0-	30.9	4.0	37.4
		5000.0	44.9	4.0	74.7	40.0	112.3
		4.0	112.9	40.0	115.9	4.0	119.4
		40.0	129.3	4.0	131.2	40.0	132.7
		4.0	137.6	40.0	142.3	4.0	145.0
		40.0	149.0	4.0	179.1	2.0	600.0

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
242.0M*	289.2	2.0M*	2.9	5.0M*	30.9	4.0	35.2
		5000.0	42.0	4.0	71.9	40.0	74.9
		4.0	86.0	40.0	99.3	4.0	110.7
		40.0	113.6	4.0	118.4	40.0	121.7
		4.0	126.3	40.0	127.2	4.0	132.4
		40.0	133.1	4.0	141.6	40.0	146.8
		4.0	165.2	2.0	600.0		
245.0+	292.4	2.0+	2.9	5.0+	30.9	4.0	32.4
		5000.0	38.3	4.0	80.5	40.0	97.1
		4.0	107.7	40.0	110.6	4.0	148.0
		2.0	600.0				
250.0+	305.6	2.0+	2.9	5.0+	30.9	5000.0	33.6
		4.0	134.5	2.0	600.0		
252.0+	315.0	2.0+	2.9	5.0+	30.9	5000.0	32.1
		4.0	130.7	2.0	600.0		
255.0	334.9	4.0	23.4	5000.0	30.2	4.0	130.4
		2.0	600.0				
260.0	384.6	4.0	14.2	5000.0	25.5	4.0	147.0
		2.0	293.0	4.0	455.4	2.0	600.0
265.0	452.9	4.0	10.2	5000.0	20.7	4.0	182.6
		2.0	266.7	4.0	446.4	2.0	600.0
270.0	537.3	4.0	8.1	5000.0	15.5	4.0	176.9
		2.0	248.0	4.0	426.9	2.0	478.4
		4.0	606.6				
275.0-	634.0	2.0-	3.2	5.0-	31.4	4.0	166.8
		2.0	237.1	4.0	540.6	8.0	600.0
280.0-	738.7	2.0-	3.2	5.0-	31.4	4.0	159.3
		2.0	230.9	4.0	297.1	2.0	328.6
		4.0	495.9	8.0	600.0		
285.0M*	847.0	2.0M*	3.2	5.0M*	31.4	4.0	154.3
		2.0	228.2	4.0	286.9	2.0	368.1
		4.0	459.8	8.0	600.0		
290.0+	954.0	2.0+	3.2	5.0+	31.4	4.0	150.4
		2.0	231.6	4.0	280.3	2.0	425.7
		4.0	438.4	8.0	600.0		
295.0+	1055.0	2.0+	3.2	5.0+	31.4	4.0	143.6
		2.0	437.0	8.0	602.4		
300.0	1145.4	4.0	3.9	5000.0	4.5	4.0	137.0
		2.0	439.8	4.0	504.1	8.0	556.2
		10.0	600.0				
305.0	1220.8	4.0	3.7	5000.0	4.1	4.0	125.3
		2.0	337.1	4.0	479.0	8.0	505.4
		10.0	550.6	4.0	580.6	20.0	600.0

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Bearing	Radiation	Region		Region		Region	
		Cond	Dist	Cond	Dist	Cond	Dist
310.0-	1277.5	0.5-	1.0	3.0-	2.4	5.0-	22.5
		3.0-	31.9	4.0	116.1	2.0	266.7
		4.0	440.0	8.0	479.8	10.0	524.9
		20.0	545.2	4.0	600.0		
315.0-	1312.8	0.5-	1.0	3.0-	2.4	5.0-	22.5
		3.0-	31.9	4.0	110.9	2.0	230.0
		4.0	435.4	8.0	466.3	10.0	485.3
		20.0	564.6	4.0	600.0		
320.0M*	1324.8	0.5M*	1.0	3.0M*	2.4	5.0M*	22.5
		3.0M*	31.9	4.0	107.6	2.0	209.8
		4.0	434.3	8.0	497.0	20.0	503.0
		15.0	552.3	6.0	583.2	10.0	589.4
		4.0	600.0				
325.0+	1312.8	0.5+	1.0	3.0+	2.4	5.0+	22.5
		3.0+	31.9	4.0	105.4	2.0	172.4
		4.0	383.6	8.0	508.0	15.0	545.0
		6.0	600.0				
330.0+	1277.5	0.5+	1.0	3.0+	2.4	5.0+	22.5
		3.0+	31.9	4.0	104.8	2.0	149.5
		4.0	402.2	8.0	483.8	15.0	526.1
		6.0	600.0				
335.0	1220.8	4.0	105.4	2.0	143.8	4.0	422.4
		8.0	459.9	15.0	510.6	6.0	595.4
		1.0	600.0				
340.0	1145.4	4.0	106.7	2.0	143.3	4.0	408.8
		8.0	443.2	15.0	473.1	4.0	580.5
		1.0	600.0				
345.0-	1055.0	0.5-	1.0	1.0-	2.7	2.0-	8.0
		6.0-	31.4	4.0	110.1	2.0	144.0
		4.0	419.3	8.0	461.1	15.0	499.5
		10.0	516.0	4.0	577.6	1.0	600.0
350.0-	954.0	0.5-	1.0	1.0-	2.7	2.0-	8.0
		6.0-	31.4	4.0	114.6	2.0	145.8
		4.0	461.7	8.0	465.0	4.0	490.7
		15.0	501.8	10.0	532.6	4.0	600.0
355.0M*	847.0	0.5M*	1.0	1.0M*	2.7	2.0M*	8.0
		6.0M*	31.4	4.0	120.5	2.0	148.8
		4.0	524.6	10.0	592.0	4.0	600.0