

Appendix 19-5:

List of Modeled Sound Sources

Table 19-5.1: Point Sources in the Cadna/A Model

Name	ID	Relative Source Height	Coordinates		Elevation + Source Height
			UTM NAD83 Zone 17N (meters)		
			X	Y	
		(m)	(m)	(m)	(m)
Collector Substation	Substation	4.00	737849.8	4773248.1	205.0
Inverter	1	2.20	737601.8	4772603.8	206.2
Inverter	2	2.20	737962.8	4772799.3	203.2
Inverter	3	2.20	737365.1	4772625.5	210.0
Inverter	4	2.20	737985.4	4772614.3	202.8
Inverter	5	2.20	737970.0	4772212.8	202.6
Inverter	6	2.20	737229.3	4770629.6	208.3
Inverter	7	2.20	736797.5	4771032.7	210.6
Inverter	8	2.20	737659.7	4770089.3	209.5
Inverter	9	2.20	737333.6	4771935.2	203.7
Inverter	10	2.20	740480.0	4774210.6	191.7
Inverter	11	2.20	737806.8	4772638.2	203.3
Inverter	12	2.20	736479.0	4773053.0	214.3
Inverter	13	2.20	737548.2	4772785.8	206.7
Inverter	14	2.20	736833.5	4769700.7	217.2
Inverter	15	2.20	736745.8	4769524.5	222.9
Inverter	16	2.20	737671.8	4769879.6	213.4
Inverter	17	2.20	737047.6	4772107.5	209.4
Inverter	18	2.20	737063.9	4771926.6	207.2
Inverter	19	2.20	737230.2	4772142.3	206.9
Inverter	20	2.20	736800.1	4769881.5	214.0
Inverter	21	2.20	737345.3	4769867.5	212.6
Inverter	22	2.20	737079.8	4769889.9	215.6
Inverter	23	2.20	737351.2	4770051.9	210.2
Inverter	24	2.20	735715.7	4772701.6	210.6
Inverter	25	2.20	736858.3	4771247.0	210.3
Inverter	26	2.20	737280.8	4771289.5	209.0
Inverter	27	2.20	737339.7	4771079.2	209.2
Inverter	28	2.20	737345.5	4771466.9	206.9
Inverter	29	2.20	738656.3	4771690.6	201.4
Inverter	30	2.20	738473.2	4771288.4	210.4
Inverter	31	2.20	738709.7	4771115.2	210.5
Inverter	32	2.20	740163.1	4773583.6	196.1
Inverter	33	2.20	739902.0	4773297.7	199.0
Inverter	34	2.20	740129.9	4771673.7	213.3
Inverter	35	2.20	740367.4	4771676.8	215.1
Inverter	36	2.20	736333.4	4773227.4	212.4
Inverter	37	2.20	736099.7	4772646.8	213.5
Inverter	38	2.20	736274.4	4772832.0	212.2
Inverter	39	2.20	737042.2	4773428.6	214.9
Inverter	40	2.20	736462.7	4773411.8	211.0
Inverter	41	2.20	736728.9	4773599.9	208.1
Inverter	42	2.20	735590.6	4771416.1	224.2
Inverter	43	2.20	735900.8	4771967.4	223.5
Inverter	44	2.20	736016.1	4771677.9	229.8
Inverter	45	2.20	735359.4	4771382.6	224.2
Inverter	46	2.20	736311.0	4771534.6	226.1
Inverter	47	2.20	736056.7	4772125.9	222.3
Inverter	48	2.20	736516.7	4772137.4	221.2
Inverter	49	2.20	735615.8	4771928.1	221.2
Inverter	50	2.20	736412.4	4771870.3	222.5
Inverter	51	2.20	735732.8	4771780.6	222.9
Inverter	52	2.20	735429.3	4771592.9	222.2
Inverter	53	2.20	735822.6	4771576.1	226.7
Inverter	54	2.20	736170.4	4771135.9	223.1
Inverter	55	2.20	735215.8	4771408.3	224.2
Inverter	56	2.20	736020.6	4771523.8	227.6
Inverter	57	2.20	735244.1	4771196.5	223.8
Inverter	58	2.20	736213.9	4771355.8	221.8
Inverter	59	2.20	736311.0	4771176.5	220.8
Inverter	60	2.20	736506.1	4772662.5	214.5
Inverter	61	2.20	737493.6	4773146.0	208.3
Inverter	62	2.20	737788.3	4772820.3	203.2
Inverter	63	2.20	739535.1	4772639.0	198.9
Inverter	64	2.20	737401.1	4772961.5	210.6
Inverter	65	2.20	737746.2	4773152.0	204.0
Inverter	66	2.20	740044.5	4774106.5	188.8
Inverter	67	2.20	735425.1	4772190.5	215.2
Inverter	68	2.20	735225.7	4772156.1	213.8
Inverter	69	2.20	736766.0	4773240.4	215.9
Inverter	70	2.20	737912.5	4770096.6	210.8
Inverter	71	2.20	738586.7	4771505.7	205.0
Inverter	72	2.20	740490.5	4774423.6	189.3
Inverter	73	2.20	735744.6	4772117.5	218.9
Inverter	74	2.20	737136.5	4771252.8	209.2
Inverter	75	2.20	737024.4	4773065.8	212.2
Inverter	76	2.20	736887.5	4774307.5	194.9

Table 19-5.1: Point Sources in the Cadna/A Model

Name	ID	Relative Source Height (m)	Coordinates UTM NAD83 Zone 17N (meters)		Elevation + Source Height
			X	Y	Z
			(m)	(m)	(m)
Inverter	77	2.20	738043.7	4772032.1	203.2
Inverter	78	2.20	738025.6	4771854.0	203.2
Inverter	79	2.20	736175.0	4773043.9	214.0
Inverter	80	2.20	737101.1	4773250.5	212.1
Inverter	81	2.20	737610.3	4773175.8	206.2
Inverter	82	2.20	735087.3	4770001.2	226.3
Inverter	83	2.20	735326.7	4770008.1	226.0
Inverter	84	2.20	735400.7	4770678.0	225.4
Inverter	85	2.20	737664.6	4774780.4	190.6
Inverter	86	2.20	735077.1	4770720.3	224.2
Inverter	87	2.20	737866.0	4769910.3	215.2
Inverter	88	2.20	735393.7	4770865.6	225.1
Inverter	89	2.20	735041.9	4770683.8	224.2
Inverter	90	2.20	735170.3	4770862.1	223.5
HVAC	HVAC1	2.00	737333.9	4771925.6	203.6
HVAC	HVAC1	2.00	737333.9	4771925.6	203.6
HVAC	HVAC1	2.00	737333.9	4771925.6	203.6
HVAC	HVAC1	2.00	737333.9	4771925.6	203.6
DC/DC Converter	DC1	2.04	737333.9	4771925.6	203.7
DC/DC Converter	DC1	2.04	737333.9	4771925.6	203.7
DC/DC Converter	DC1	2.04	737333.9	4771925.6	203.7
DC/DC Converter	DC1	2.04	737333.9	4771925.6	203.7
HVAC	HVAC2	2.00	735077.4	4770710.8	224.0
HVAC	HVAC2	2.00	735077.4	4770710.8	224.0
HVAC	HVAC2	2.00	735077.4	4770710.8	224.0
HVAC	HVAC2	2.00	735077.4	4770710.8	224.0
DC/DC Converter	DC2	2.04	735077.4	4770710.8	224.0
DC/DC Converter	DC2	2.04	735077.4	4770710.8	224.0
DC/DC Converter	DC2	2.04	735077.4	4770710.8	224.0
DC/DC Converter	DC2	2.04	735077.4	4770710.8	224.0
HVAC	HVAC3	2.00	737788.1	4772829.9	203.0
HVAC	HVAC3	2.00	737788.1	4772829.9	203.0
HVAC	HVAC3	2.00	737788.1	4772829.9	203.0
HVAC	HVAC3	2.00	737788.1	4772829.9	203.0
DC/DC Converter	DC3	2.04	737788.1	4772829.9	203.0
DC/DC Converter	DC3	2.04	737788.1	4772829.9	203.0
DC/DC Converter	DC3	2.04	737788.1	4772829.9	203.0
DC/DC Converter	DC3	2.04	737788.1	4772829.9	203.0
HVAC	HVAC4	2.00	740181.4	4773584.1	196.0
HVAC	HVAC4	2.00	740181.4	4773584.1	196.0
HVAC	HVAC4	2.00	740181.4	4773584.1	196.0
HVAC	HVAC4	2.00	740181.4	4773584.1	196.0
DC/DC Converter	DC4	2.04	740181.4	4773584.1	196.1
DC/DC Converter	DC4	2.04	740181.4	4773584.1	196.1
DC/DC Converter	DC4	2.04	740181.4	4773584.1	196.1
DC/DC Converter	DC4	2.04	740181.4	4773584.1	196.1
HVAC	HVAC5	2.00	736461.7	4773421.4	210.7
HVAC	HVAC5	2.00	736461.7	4773421.4	210.7
HVAC	HVAC5	2.00	736461.7	4773421.4	210.7
HVAC	HVAC5	2.00	736461.7	4773421.4	210.7
DC/DC Converter	DC5	2.04	736461.7	4773421.4	210.7
DC/DC Converter	DC5	2.04	736461.7	4773421.4	210.7
DC/DC Converter	DC5	2.04	736461.7	4773421.4	210.7
DC/DC Converter	DC5	2.04	736461.7	4773421.4	210.7
HVAC	HVAC6	2.00	736274.7	4772822.5	212.0
HVAC	HVAC6	2.00	736274.7	4772822.5	212.0
HVAC	HVAC6	2.00	736274.7	4772822.5	212.0
HVAC	HVAC6	2.00	736274.7	4772822.5	212.0
DC/DC Converter	DC6	2.04	736274.7	4772822.5	212.0
DC/DC Converter	DC6	2.04	736274.7	4772822.5	212.0
DC/DC Converter	DC6	2.04	736274.7	4772822.5	212.0
DC/DC Converter	DC6	2.04	736274.7	4772822.5	212.0
HVAC	HVAC7	2.00	735616.0	4771918.5	221.0
HVAC	HVAC7	2.00	735616.0	4771918.5	221.0
HVAC	HVAC7	2.00	735616.0	4771918.5	221.0
HVAC	HVAC7	2.00	735616.0	4771918.5	221.0
DC/DC Converter	DC7	2.04	735616.0	4771918.5	221.0
DC/DC Converter	DC7	2.04	735616.0	4771918.5	221.0
DC/DC Converter	DC7	2.04	735616.0	4771918.5	221.0
DC/DC Converter	DC7	2.04	735616.0	4771918.5	221.0
HVAC	HVAC8	2.00	738656.1	4771698.3	201.1
HVAC	HVAC8	2.00	738656.1	4771698.3	201.1
HVAC	HVAC8	2.00	738656.1	4771698.3	201.1
HVAC	HVAC8	2.00	738656.1	4771698.3	201.1
DC/DC Converter	DC8	2.04	738656.1	4771698.3	201.1
DC/DC Converter	DC8	2.04	738656.1	4771698.3	201.1
DC/DC Converter	DC8	2.04	738656.1	4771698.3	201.1

Table 19-5.1: Point Sources in the Cadna/A Model

Name	ID	Relative Source Height	Coordinates		Elevation + Source Height
			UTM NAD83 Zone 17N (meters)		
		(m)	X (m)	Y (m)	Z (m)
DC/DC Converter	DC8	2.04	738656.1	4771698.3	201.1
HVAC	HVAC9	2.00	736860.4	4771237.4	210.1
HVAC	HVAC9	2.00	736860.4	4771237.4	210.1
HVAC	HVAC9	2.00	736860.4	4771237.4	210.1
HVAC	HVAC9	2.00	736860.4	4771237.4	210.1
DC/DC Converter	DC9	2.04	736860.4	4771237.4	210.2
DC/DC Converter	DC9	2.04	736860.4	4771237.4	210.2
DC/DC Converter	DC9	2.04	736860.4	4771237.4	210.2
DC/DC Converter	DC9	2.04	736860.4	4771237.4	210.2
HVAC	HVAC10	2.00	737912.2	4770106.2	210.3
HVAC	HVAC10	2.00	737912.2	4770106.2	210.3
HVAC	HVAC10	2.00	737912.2	4770106.2	210.3
HVAC	HVAC10	2.00	737912.2	4770106.2	210.3
DC/DC Converter	DC10	2.04	737912.2	4770106.2	210.3
DC/DC Converter	DC10	2.04	737912.2	4770106.2	210.3
DC/DC Converter	DC10	2.04	737912.2	4770106.2	210.3
DC/DC Converter	DC10	2.04	737912.2	4770106.2	210.3
HVAC	HVAC11	2.00	735392.1	4770875.4	224.8
HVAC	HVAC11	2.00	735392.1	4770875.4	224.8
HVAC	HVAC11	2.00	735392.1	4770875.4	224.8
HVAC	HVAC11	2.00	735392.1	4770875.4	224.8
DC/DC Converter	DC11	2.04	735392.1	4770875.4	224.9
DC/DC Converter	DC11	2.04	735392.1	4770875.4	224.9
DC/DC Converter	DC11	2.04	735392.1	4770875.4	224.9
DC/DC Converter	DC11	2.04	735392.1	4770875.4	224.9