

Appendix 19-5:  
List of Modeled Sound Sources

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

Name	ID	Relative Source Height (m)	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Source Height
			X	Y	Z
			(m)	(m)	(m)
HVAC	101	2.00	366526.25	4776970.71	137.0
HVAC	101	2.00	366526.25	4776970.71	137.0
HVAC	101	2.00	366526.25	4776970.71	137.0
HVAC	101	2.00	366526.25	4776970.71	137.0
DC/DC Converter	101	2.04	366526.25	4776970.71	137.0
DC/DC Converter	101	2.04	366526.25	4776970.71	137.0
DC/DC Converter	101	2.04	366526.25	4776970.71	137.0
DC/DC Converter	101	2.04	366526.25	4776970.71	137.0
HVAC	102	2.00	367275.07	4777059.72	136.9
HVAC	102	2.00	367275.07	4777059.72	136.9
HVAC	102	2.00	367275.07	4777059.72	136.9
HVAC	102	2.00	367275.07	4777059.72	136.9
DC/DC Converter	102	2.04	367275.07	4777059.72	136.9
DC/DC Converter	102	2.04	367275.07	4777059.72	136.9
DC/DC Converter	102	2.04	367275.07	4777059.72	136.9
DC/DC Converter	102	2.04	367275.07	4777059.72	136.9
HVAC	103	2.00	367607.35	4777084.05	140.2
HVAC	103	2.00	367607.35	4777084.05	140.2
HVAC	103	2.00	367607.35	4777084.05	140.2
HVAC	103	2.00	367607.35	4777084.05	140.2
DC/DC Converter	103	2.04	367607.35	4777084.05	140.2
DC/DC Converter	103	2.04	367607.35	4777084.05	140.2
DC/DC Converter	103	2.04	367607.35	4777084.05	140.2
DC/DC Converter	103	2.04	367607.35	4777084.05	140.2
HVAC	104	2.00	366382.34	4777143.20	135.8
HVAC	104	2.00	366382.34	4777143.20	135.8
HVAC	104	2.00	366382.34	4777143.20	135.8
HVAC	104	2.00	366382.34	4777143.20	135.8
DC/DC Converter	104	2.04	366382.34	4777143.20	135.9
DC/DC Converter	104	2.04	366382.34	4777143.20	135.9
DC/DC Converter	104	2.04	366382.34	4777143.20	135.9
DC/DC Converter	104	2.04	366382.34	4777143.20	135.9
HVAC	105	2.00	366696.91	4777303.97	154.7
HVAC	105	2.00	366696.91	4777303.97	154.7
HVAC	105	2.00	366696.91	4777303.97	154.7
HVAC	105	2.00	366696.91	4777303.97	154.7
DC/DC Converter	105	2.04	366696.91	4777303.97	154.8
DC/DC Converter	105	2.04	366696.91	4777303.97	154.8
DC/DC Converter	105	2.04	366696.91	4777303.97	154.8
DC/DC Converter	105	2.04	366696.91	4777303.97	154.8
HVAC	106	2.00	366385.20	4777312.90	144.2
HVAC	106	2.00	366385.20	4777312.90	144.2
HVAC	106	2.00	366385.20	4777312.90	144.2
HVAC	106	2.00	366385.20	4777312.90	144.2
DC/DC Converter	106	2.04	366385.20	4777312.90	144.3
DC/DC Converter	106	2.04	366385.20	4777312.90	144.3
DC/DC Converter	106	2.04	366385.20	4777312.90	144.3
DC/DC Converter	106	2.04	366385.20	4777312.90	144.3
HVAC	107	2.00	367719.07	4777336.58	138.3
HVAC	107	2.00	367719.07	4777336.58	138.3
HVAC	107	2.00	367719.07	4777336.58	138.3
HVAC	107	2.00	367719.07	4777336.58	138.3
DC/DC Converter	107	2.04	367719.07	4777336.58	138.4
DC/DC Converter	107	2.04	367719.07	4777336.58	138.4
DC/DC Converter	107	2.04	367719.07	4777336.58	138.4
DC/DC Converter	107	2.04	367719.07	4777336.58	138.4
HVAC	108	2.00	367316.98	4777344.18	134.0
HVAC	108	2.00	367316.98	4777344.18	134.0
HVAC	108	2.00	367316.98	4777344.18	134.0
HVAC	108	2.00	367316.98	4777344.18	134.0
DC/DC Converter	108	2.04	367316.98	4777344.18	134.0
DC/DC Converter	108	2.04	367316.98	4777344.18	134.0
DC/DC Converter	108	2.04	367316.98	4777344.18	134.0
DC/DC Converter	108	2.04	367316.98	4777344.18	134.0
HVAC	109	2.00	367484.99	4778127.95	138.6
HVAC	109	2.00	367484.99	4778127.95	138.6
HVAC	109	2.00	367484.99	4778127.95	138.6
HVAC	109	2.00	367484.99	4778127.95	138.6
DC/DC Converter	109	2.04	367484.99	4778127.95	138.7
DC/DC Converter	109	2.04	367484.99	4778127.95	138.7
DC/DC Converter	109	2.04	367484.99	4778127.95	138.7
DC/DC Converter	109	2.04	367484.99	4778127.95	138.7
HVAC	110	2.00	367098.47	4778266.76	146.0
HVAC	110	2.00	367098.47	4778266.76	146.0
HVAC	110	2.00	367098.47	4778266.76	146.0
HVAC	110	2.00	367098.47	4778266.76	146.0
DC/DC Converter	110	2.04	367098.47	4778266.76	146.0

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

Name	ID	Relative Source Height (m)	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Source Height
			X	Y	Z
			(m)	(m)	(m)
DC/DC Converter	110	2.04	367098.47	4778266.76	146.0
DC/DC Converter	110	2.04	367098.47	4778266.76	146.0
DC/DC Converter	110	2.04	367098.47	4778266.76	146.0
HVAC	111	2.00	367263.84	4778488.60	151.0
HVAC	111	2.00	367263.84	4778488.60	151.0
HVAC	111	2.00	367263.84	4778488.60	151.0
HVAC	111	2.00	367263.84	4778488.60	151.0
DC/DC Converter	111	2.04	367263.84	4778488.60	151.1
DC/DC Converter	111	2.04	367263.84	4778488.60	151.1
DC/DC Converter	111	2.04	367263.84	4778488.60	151.1
DC/DC Converter	111	2.04	367263.84	4778488.60	151.1
Collector Substation	Substation	4.00	367382.53	4777948.44	150.8
Inverter	1	2.20	369785.40	4778316.56	143.2
Inverter	2	2.20	369944.63	4778228.67	141.7
Inverter	3	2.20	369298.07	4778669.36	136.0
Inverter	4	2.20	369262.67	4778924.67	140.2
Inverter	5	2.20	369175.27	4779265.84	137.2
Inverter	6	2.20	368535.39	4777246.27	140.7
Inverter	7	2.20	368331.14	4777080.37	140.1
Inverter	8	2.20	368237.32	4777082.14	143.2
Inverter	9	2.20	368294.14	4777250.83	135.6
Inverter	10	2.20	368009.47	4777086.45	137.5
Inverter	11	2.20	367781.62	4777090.75	143.2
Inverter	12	2.20	367607.38	4777094.04	140.5
Inverter	13	2.20	367602.57	4776839.49	137.0
Inverter	14	2.20	367843.82	4776834.93	148.6
Inverter	15	2.20	368152.09	4776829.11	138.3
Inverter	16	2.20	367599.36	4776669.79	135.1
Inverter	17	2.20	368003.95	4776302.93	139.2
Inverter	18	2.20	367999.14	4776048.37	139.4
Inverter	19	2.20	367574.64	4775776.14	143.1
Inverter	20	2.20	368250.75	4775882.22	134.2
Inverter	21	2.20	367993.47	4775747.93	131.4
Inverter	22	2.20	368205.58	4775620.07	133.8
Inverter	23	2.20	368242.58	4775449.61	132.5
Inverter	24	2.20	368302.02	4775047.75	131.2
Inverter	25	2.20	366690.64	4777147.36	151.0
Inverter	26	2.20	366696.94	4777313.96	154.6
Inverter	27	2.20	366385.57	4777322.89	145.0
Inverter	28	2.20	366382.37	4777153.19	136.5
Inverter	29	2.20	366526.59	4776980.70	137.5
Inverter	30	2.20	366751.24	4776806.69	136.9
Inverter	31	2.20	366097.69	4776988.81	131.2
Inverter	32	2.20	366100.90	4777158.51	138.5
Inverter	33	2.20	366158.30	4776648.14	131.2
Inverter	34	2.20	366372.74	4776644.08	133.6
Inverter	35	2.20	366274.11	4776391.30	140.2
Inverter	36	2.20	365701.61	4776936.50	131.2
Inverter	37	2.20	365704.96	4777113.85	131.1
Inverter	38	2.20	365477.11	4777118.16	127.5
Inverter	39	2.20	365733.26	4777755.48	131.4
Inverter	40	2.20	365492.01	4777760.04	132.3
Inverter	41	2.20	365589.03	4777927.97	131.9
Inverter	42	2.20	366967.41	4778417.67	150.2
Inverter	43	2.20	367098.82	4778276.75	146.2
Inverter	44	2.20	367485.02	4778137.94	138.2
Inverter	45	2.20	367263.53	4778478.61	150.7
Inverter	46	2.20	367719.41	4777346.57	138.0
Inverter	47	2.20	367510.16	4777743.68	137.2
Inverter	48	2.20	367317.32	4777354.17	134.2
Inverter	49	2.20	368670.33	4778562.49	134.2
Inverter	50	2.20	369657.25	4774880.19	152.2
Inverter	51	2.20	368093.25	4773598.88	132.7
Inverter	52	2.20	368089.90	4773421.53	144.8
Inverter	53	2.20	369832.74	4777655.59	147.7
Inverter	54	2.20	365818.60	4777451.23	133.5
Inverter	55	2.20	367577.40	4775922.18	139.7
Inverter	56	2.20	369827.48	4777377.38	147.9
Inverter	57	2.20	367799.41	4776597.15	148.2
Inverter	58	2.20	367995.94	4775878.67	135.8
Inverter	59	2.20	367267.93	4776868.77	135.2
Inverter	60	2.20	365828.80	4777281.28	133.2
Inverter	61	2.20	366759.99	4776560.25	137.2
Inverter	62	2.20	367275.42	4777069.71	137.8
Inverter	63	2.20	366439.94	4776411.84	153.7
Inverter	64	2.20	368072.20	4778543.23	134.2
Inverter	65	2.20	370089.69	4778767.40	136.5

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

Name	ID	Relative Source Height	Coordinates		Elevation +
			UTM NAD83 Zone 18N (meters)		Source Height
		(m)	X (m)	Y (m)	Z (m)
Inverter	66	2.20	369971.41	4778893.49	143.2
Inverter	67	2.20	368086.70	4773251.83	149.2
Inverter	68	2.20	369437.82	4774960.96	143.2