

## **Appendix 10-A**

### **CPV Valley Energy Center Technical Noise Report (Supporting Documentation)**

*Ambient Noise Monitoring Data – Short Term Measurements*

CPV Valley Short Term Ambient Monitoring Data  
 Meter: RION NA-27  
 Meter Serial Number 121695  
 Calibrator: Bruel & Kjaer 4231  
 Calibrator Serial Number 2115610  
 Monitoring Period: January 28 - 29, 2008  
 Setting: Fast  
 Range: 10 - 80 dB

Location Name	Address	Date	Time	Level Range	Calculation Time (s)	Auto-Store Interval	Time Constant	Freq Weighting	Overload	Under-Range	Time Constant (Sub)	Freq Weighting (Sub)	Overload (Sub)	Under-Range (Sub)	Lpeak																		
Kirbytown Lane/Apple	149	1/28/2008	1:15:40 PM	80	1200	10	Fast	Flat	Yes	No	Fast	A	Yes	No	91																		
Measureme AP	AP (Sub)	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	
Lmax	88.7	82.4	77	73.7	81.5	78.9	74	74.6	83.2	82	80	84.5	87.1	82.8	74.9	84.5	77.2	78	73.4	70.4	70.8	71.1	72.7	70.4	68.8	69	70.2	65.7	63.7	60.1	59.2	57	54.2
Lmin	57.1	39.2	32.7	33.2	38.8	39.2	39.3	40.9	40.2	40.8	42	40.5	38.1	35.9	34.1	31.4	29.3	27.2	27.9	28.3	30	29.3	26.4	22.9	19.3	16.4	15.2	15	13.8	12.9	10.9	10	9.2
Leq	70.1	60.6	54.9	54.5	55.7	54.3	54.1	54	56.8	58	58.1	58.6	61.3	54.7	51.2	54.6	51.6	50.1	48.3	48.6	51	52.3	52.2	50.5	48.1	46.2	44.2	40.6	38.4	36.1	34.2	31.7	28.2
L10	72.2	57.8	56.8	57.3	58	56.8	56.7	56.6	57.2	58.7	59.9	58.4	58.1	53.5	50.9	49.8	48.2	47.1	46.6	46.7	48.5	48.6	49.2	48.7	46.2	43.7	41	38.3	36.1	34.6	32.9	30.5	27.8
L90	61.8	44.2	45	46.3	47.2	47.4	48	47.9	47.8	48.4	49.1	46.9	44.1	41.4	38.6	37	34.5	32.3	33.3	33.8	34.7	34.7	33.2	31.3	27.9	24.3	21.9	19.8	18	16.9	15.5	14	11.9
Not Used	150	1/28/2008	1:15:40 PM	80	1200	10	Fast	Flat	Yes	No	Fast	A	Yes	No	91																		
Measureme AP	AP (Sub)	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	
Lmax	88.7	82.4	77	73.7	81.5	78.9	74	74.6	83.2	82	80	84.5	87.1	82.8	74.9	84.5	77.2	78	73.4	70.4	70.8	71.1	72.7	70.4	68.8	69	70.2	65.7	63.7	60.1	59.2	57	54.2
Lmin	57.1	39.2	32.7	33.2	38.8	39.2	39.3	40.9	40.2	40.8	42	40.5	38.1	35.9	34.1	31.4	29.3	27.2	27.9	28.3	30	29.3	26.4	22.9	19.3	16.4	15.2	15	13.8	12.9	10.9	10	9.2
Leq	70.1	60.6	54.9	54.5	55.7	54.3	54.1	54	56.8	58	58.1	58.6	61.3	54.7	51.2	54.6	51.6	50.1	48.3	48.6	51	52.3	52.2	50.5	48.1	46.2	44.2	40.6	38.4	36.1	34.2	31.7	28.2
L10	72.2	57.8	56.8	57.3	58	56.8	56.7	56.6	57.2	58.7	59.9	58.4	58.1	53.5	50.9	49.8	48.2	47.1	46.6	46.7	48.5	48.6	49.2	48.7	46.2	43.7	41	38.3	36.1	34.6	32.9	30.5	27.8
L90	61.8	44.2	45	46.3	47.2	47.4	48	47.9	47.8	48.4	49.1	46.9	44.1	41.4	38.6	37	34.5	32.3	33.3	33.8	34.7	34.7	33.2	31.3	27.9	24.3	21.9	19.8	18	16.9	15.5	14	11.9
Pine Hill Cemetery	151	1/28/2008	1:45:51 PM	90	1200	10	Fast	Flat	Yes	No	Fast	A	No	No	100.1																		
Measureme AP	AP (Sub)	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	
Lmax	95.8	78.7	87.7	84.5	82.9	79.7	79	76.9	76.8	77.7	79.2	79.3	80.9	78.2	76.7	72.4	66.5	62	64.3	67.6	68.9	73.2	75	70.9	69.3	62.4	57.5	58.9	54	55.2	57.4	56.4	47.2
Lmin	67.3	53.7	38	40.3	39.5	42.7	46.3	46	50.3	51.3	50.1	50.8	51.3	50.7	46.2	45.2	38.6	35.2	37.3	38.8	39.8	42.4	44.8	42.6	38.8	35.8	32	28.4	23.7	20.2	17.2	12.5	10.7
Leq	77.4	59.3	65.6	64.1	62.4	61	61.9	61.8	64.7	66.3	61.8	62.2	59.2	59.3	54.8	52.1	47.4	45	46	48.4	49.6	51.3	52.1	49.7	46.7	43.7	41.2	37.3	30.1	27.2	23.7	18.1	
L10	79.9	61.5	68.9	67.6	65.8	63.9	65.2	65.3	68.3	69.3	64.5	64.8	61.4	60.3	55.6	53.5	49	47.1	48.5	51	52.1	53.4	54	51.5	48.7	46.3	44.2	40.1	36.2	32.8	29.3	25.3	20.1
L90	71.8	56.3	51.9	51.7	52.3	53.2	55.3	54.1	58.6	59.3	56.6	57.4	55.8	55.9	50.9	49.2	42.8	40.2	41.5	43.8	44.6	47.1	48.8	46.5	42.3	39.3	36	32	28.1	24.3	20.3	20.1	20.1
Sunrise Park Road	152	1/28/2008	2:35:30 PM	80	1200	10	Fast	Flat	Yes	No	Fast	A	Yes	No	91																		
Measureme AP	AP (Sub)	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	
Lmax	89	83.2	72.6	85.9	82.5	75.9	76.1	82.3	84.1	83.5	87.3	83.5	76.5	73.4	72.8	71.3	73.9	75.4	76.8	72.4	71.8	76.9	76.2	72.6	71.5	71.4	68.6	68.8	72.3	71.7	72.6	70.7	70.7
Lmin	61.1	44.9	35.3	38.3	40.4	38.4	44.5	45.3	45.1	47.6	46.7	46.1	41.9	41	37.6	33.3	30.4	30.2	32.4	33.8	35.3	36	33.8	30.6	25.9	20.5	16.1	11.1	8.1	7.7	6.7	8.1	6.7
Leq	72.6	61	57.3	60.8	60	58.6	58.6	64.3	60.2	61.7	66.4	61.1	57	55	52.4	50.6	49.7	49.2	49.4	48.2	49.1	53.2	55.1	49.1	46.8	47	44.8	42.1	41.6	39.9	39.8	39.5	37.2
L10	75.5	62.6	60.6	61	62.2	61.5	61.3	68.5	61.5	64.3	69.2	62.3	58.9	56.7	54.4	51.5	49.5	47.6	47.9	48	50.2	53.2	56.2	49.9	45.9	45.6	41.9	40	37.9	35.8	34.5	31.6	28.6
L90	66	48.5	49	50.3	50.9	51.2	52.2	52.5	52.3	54.9	54.9	52.6	50	47.2	43.8	39.6	36.6	35.5	37.1	38.6	40.3	40.5	38.6	35.8	31.4	26.1	20.7	15.2	11.8	10.3	10.1	10.1	10.1
Bates Gates Road	153	1/28/2008	3:10:47 PM	80	1200	10	Fast	Flat	Yes	No	Fast	A	Yes	No	91																		
Measureme AP	AP (Sub)	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	
Lmax	89.4	72.5	75.9	87.4	77.9	76.1	79	75.1	79.2	78.7	75.4	77.2	83.4	78.3	70.2	68.3	68.2	66.4	63.9	63.8	65.4	65	63	62.8	61.6	59.7	59.3	58.8	56.2	60.5	59.3	53.7	44.3
Lmin	60.5	44.8	36.9	40.4	39.5	41.1	42.7	44.3	43.9	43.4	38.7	43.6	41.2	38.7	37	35.7	34.1	33.3	34.5	35.2	36.4	35.5	32.4	28.2	23	16.1	10.5	8.5	7.2	6.7	6.7	8.5	6.7
Leq	69.4	54.4	55.6	59.1	57.9	57.3	57.6	57.2	57.4	59.1	56.6	56.6	57.7	54.4	50.5	49.3	47.4	45.8	45.5	45.8	46.4	46.2	44	41.5	39.1	36.8	35.4	33.6	31.2	29.8	27.5	23.6	19.3
L10	71.3	54.9	58.4	59.5	60.9	60	60	59.5	59.2	62.5	61.2	58.5	58.3	54.7	52.2	50.3	47.7	45.8	47	46.7	47.5	47.1	44.3	41.1	37.2	34.5	35.4	31.4	28.2	26.6	24.8	22.4	19.4
L90	64.4	48.1	47.3	49.5	50	50.8	51.6	51.6	50.8	50.3	51.9	49.6	48.7	46.5	42.6	40.4	38.5	37.5	38.7	39.7	40.6	40	36.9	32.6	26.6	19.8	14.4	11.9	10.1	10.1	10.1	10.1	10.1
Sunrise Park Road	154	1/28/2008	10:05:46 PM	80	1200	10	Fast	Flat	Yes	No	Fast	A	Yes	No	91																		
Measureme AP	AP (Sub)	12.5 Hz	16 Hz	20 Hz	25 Hz	31.5 Hz	40 Hz	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz	12.5 kHz	
Lmax	85	74.6	72.3	76.9	77.4	77.8	72	70.8	77	76.4	71.9	79.2	80.9	78.7	67.2	70.4	72.9	64	68.2	66.2	63.9	60.7	61.7	60.1	63.4	67.5	60.3	58.9	55.6	70	63.6	58	59.4
Lmin	59.9	46.1	34.8	35.5	40.3	42.5	42.4	41	41.9	43.7	42.9	42.5	41.3	38.3	38.5	38.9	37.2	36.2	36.2	37.3	37.6	38	36	32.4	27.8	21.4	13.3	10	8.1	7.2	6.1	6.7	6.7
Leq	67.3	55.4	52.3	54.8	56.3	57.5																											

*Ambient Noise Monitoring Data – 24-Hour Monitoring*

CPV Valley 24 Hour Noise Monitoring Data  
 January 28-29, 2008  
 Uhlig Road  
 Rion NA-27  
 S/N 00765697  
 B&K Calibrator 4231 S/N 2115610  
 Fast Setting  
 Range 20-100 dBA

Address	Date	Measurement	Time	LAeq	LAE	LAmx	LAmin	LA05	LA10	LA50	LA90	LA95 *	Over	Under	Pause	
	1	1/28/2008	12:51:10	0:10:00	58.2	86	84.3	40.7	62.7	59	49	44.5	43.6	0 Over	-	-
	2	1/28/2008	13:01:10	0:10:00	53.7	81.5	70	39.3	60.3	56.6	49.5	45	43.2	0 Over	-	-
	3	1/28/2008	13:11:10	0:10:00	52.6	80.3	68.1	38.3	58.5	55.6	47.9	42.9	41.5	0 -	-	-
	4	1/28/2008	13:21:10	0:10:00	50.1	77.9	61.2	40.2	54.8	53	48.5	44.4	42.9	0 -	-	-
	5	1/28/2008	13:31:10	0:10:00	52.2	80	66.4	38.3	59.1	55.5	47.7	42.8	41.7	0 -	-	-
	6	1/28/2008	13:41:10	0:10:00	50.3	78.1	65.7	38.5	54.8	52.9	46.9	42.6	41.3	0 -	-	-
	7	1/28/2008	13:51:10	0:10:00	53.3	81.1	67.8	38.8	60.2	55.5	49.1	43.9	42.5	0 -	-	-
	8	1/28/2008	14:01:10	0:10:00	53.8	81.6	71.4	37.4	59.8	56	46.6	41.2	40	0 -	-	-
	9	1/28/2008	14:11:10	0:10:00	50.3	78.1	65	37	55.4	53.1	46.3	41.1	39.8	0 Over	-	-
	10	1/28/2008	14:21:10	0:10:00	52.1	79.9	67	35	57.6	55.1	47.5	40.3	38.3	0 -	-	-
	11	1/28/2008	14:31:10	0:10:00	51.9	79.7	67.3	39.7	58.5	54.5	47.3	42.8	41.8	0 -	-	-
	12	1/28/2008	14:41:10	0:10:00	54.1	81.9	71.9	39.1	59.9	55.2	47.2	42.8	41.8	0 -	-	-
	13	1/28/2008	14:51:10	0:10:00	52.4	80.2	72.2	37.6	56.8	53	48	43.3	40.3	0 -	-	-
	14	1/28/2008	15:01:10	0:10:00	51.4	79.2	67.4	39.8	56.9	53.9	48.1	44.3	43.3	0 -	-	-
	15	1/28/2008	15:11:10	0:10:00	52.6	80.4	72.5	38.2	56.5	52.3	46.2	42.8	41.8	0 -	-	-
	16	1/28/2008	15:21:10	0:10:00	52.8	80.6	70.2	39.5	56.8	53.9	48.8	44.1	43	0 -	-	-
	17	1/28/2008	15:31:10	0:10:00	51.3	79	65.6	37.3	55.9	52.4	47.5	43.1	41.8	0 -	-	-
	18	1/28/2008	15:41:10	0:10:00	55.3	83.1	74.8	37.9	61.1	55.6	49.6	44.9	42.4	0 -	-	-
	19	1/28/2008	15:51:10	0:10:00	54.6	82.4	70.5	37.6	60.8	57.7	49.3	42.3	40.3	0 -	-	-
	20	1/28/2008	16:01:10	0:10:00	55.1	82.9	70.1	40.1	61.8	56.8	49.4	45.2	43.6	0 -	-	-
	21	1/28/2008	16:11:10	0:10:00	53.7	81.5	66.2	41.1	60.7	57.7	49.2	45.4	44.3	0 -	-	-
	22	1/28/2008	16:21:10	0:10:00	53.1	80.9	69.7	37.8	58.7	54.5	48.6	44.5	43.2	0 -	-	-
	23	1/28/2008	16:31:10	0:10:00	53.2	81	68.5	37.3	59.8	55	48.9	44.2	40.1	0 -	-	-
	24	1/28/2008	16:41:10	0:10:00	52.1	79.9	69.9	39.5	56.3	53.1	47.7	43.9	42.9	0 -	-	-
	25	1/28/2008	16:51:10	0:10:00	53.2	81	70.2	39.9	57.2	52.4	47.2	43.8	42.5	0 -	-	-
	26	1/28/2008	17:01:10	0:10:00	51.6	79.4	68.7	38.3	54.4	52.4	48.9	43.8	41.5	0 -	-	-
	27	1/28/2008	17:11:10	0:10:00	52.4	80.2	67.1	38.4	59.3	53.5	48.5	45	43.8	0 -	-	-
	28	1/28/2008	17:21:10	0:10:00	54.8	82.6	72.5	41.8	60.2	57.8	50.2	46.1	45.4	0 -	-	-
	29	1/28/2008	17:31:10	0:10:00	55.8	83.6	79.7	42.3	60.6	57.8	49.6	45.8	44.7	0 -	-	-
	30	1/28/2008	17:41:10	0:10:00	52	79.8	66.9	38.5	56.3	53	48.8	44.9	42.4	0 -	-	-
	31	1/28/2008	17:51:10	0:10:00	49.3	77.1	67.1	41.3	51.5	50.4	47.1	44.4	43.7	0 -	-	-
	32	1/28/2008	18:01:10	0:10:00	50.4	78.2	67.1	39.3	55.7	52.4	47.3	43.4	41.9	0 -	-	-
	33	1/28/2008	18:11:10	0:10:00	52.6	80.3	70	39.8	58.1	52.2	47.3	43.8	42.9	0 -	-	-
	34	1/28/2008	18:21:10	0:10:00	48.2	75.9	63.5	36.7	51.6	50.5	46.2	41.6	40	0 -	-	-
	35	1/28/2008	18:31:10	0:10:00	53.9	81.7	70.1	37.8	60.4	55	48.2	42.1	41	0 -	-	-
	36	1/28/2008	18:41:10	0:10:00	54.4	82.2	71.7	37.5	61.1	54.7	49.1	44.1	42.1	0 -	-	-
	37	1/28/2008	18:51:10	0:10:00	51.5	79.2	66.4	41.4	55.4	53	48.5	44.5	43.6	0 -	-	-
	38	1/28/2008	19:01:10	0:10:00	50.9	78.7	67.4	39.8	54.1	51.9	47.3	43.7	42.6	0 -	-	-
	39	1/28/2008	19:11:10	0:10:00	48.5	76.3	63.8	35.9	51.8	50.6	46	40.3	38.9	0 -	-	-
	40	1/28/2008	19:21:10	0:10:00	48	75.8	59	37.2	51.7	50.8	47.3	42.5	41.1	0 -	-	-
	41	1/28/2008	19:31:10	0:10:00	51.3	79.1	68.4	35.6	57.1	53.5	45.1	38.3	37.6	0 -	-	-
	42	1/28/2008	19:41:10	0:10:00	49.7	77.5	67.9	33.9	53.7	51.4	45.5	38.4	36.6	0 -	-	-
	43	1/28/2008	19:51:10	0:10:00	51.1	78.9	67.4	31.8	57.9	52.9	46.6	36.8	34.9	0 -	-	-
	44	1/28/2008	20:01:10	0:10:00	49.3	77.1	63.6	33.9	55.5	51.9	44.7	37.6	36.6	0 -	-	-
	45	1/28/2008	20:11:10	0:10:00	48.3	76.1	67.1	32.9	50.9	49.6	44.3	36.7	35.6	0 -	-	-
	46	1/28/2008	20:21:10	0:10:00	48.1	75.9	66	33.9	51.6	49.8	44.3	36.9	36.2	0 -	-	-
	47	1/28/2008	20:31:10	0:10:00	50.5	78.3	67.6	33.5	56.3	52.1	46.4	39.3	37.5	0 -	-	-
	48	1/28/2008	20:41:10	0:10:00	47.2	75	64	34.1	50	48.8	44.4	39	38	0 -	-	-
	49	1/28/2008	20:51:10	0:10:00	50.2	78	66.6	33.2	55.7	51.8	43.3	36.3	35.6	0 -	-	-
	50	1/28/2008	21:01:10	0:10:00	50.3	78.1	69.3	33.2	53.5	50.4	42.6	36.2	35.5	0 -	-	-
	51	1/28/2008	21:11:10	0:10:00	49.9	77.7	70.7	34.1	51.7	49.9	43.7	37.3	36.5	0 -	-	-
	52	1/28/2008	21:21:10	0:10:00	44.6	72.4	55.8	30.7	49.7	48.5	42.2	34.2	33	0 -	-	-
	53	1/28/2008	21:31:10	0:10:00	47	74.8	62.6	32.5	51.3	49.7	44.7	38	36	0 -	-	-
	54	1/28/2008	21:41:10	0:10:00	46.8	74.6	65.3	31.3	50.2	48.4	43	36	33.4	0 -	-	-
	55	1/28/2008	21:51:10	0:10:00	49.1	76.9	66	33.5	52.6	49.3	42.9	37.5	36	0 -	-	-
	56	1/28/2008	22:01:10	0:10:00	42.9	70.7	54.9	30.5	48.3	47	39.1	32.7	32.2	0 -	-	-
	57	1/28/2008	22:11:10	0:10:00	44.7	72.5	57	30.2	50.4	48.6	41.8	32.7	32.2	0 -	-	-
	58	1/28/2008	22:21:10	0:10:00	45.7	73.5	65.6	29.4	50.1	47.6	39.9	32.5	32	0 -	-	-
	59	1/28/2008	22:31:10	0:10:00	46.1	73.9	62.3	29.8	51.8	49	42.6	33.5	32.6	0 -	-	-
	60	1/28/2008	22:41:10	0:10:00	43.7	71.5	56.9	29.6	49.8	47.4	40.2	33.2	32.3	0 -	-	-
	61	1/28/2008	22:51:10	0:10:00	42.2	70	54.6	28.3	48.2	46.8	36.5	31.5	31	0 -	-	-
	62	1/28/2008	23:01:10	0:10:00	41.9	69.6	54.8	28.4	47.6	46.1	37	31	30.5	0 -	-	-
	63	1/28/2008	23:11:10	0:10:00	44.3	72.1	64.8	30.1	48.4	46.2	35.1	32.4	32	0 -	-	-
	64	1/28/2008	23:21:10	0:10:00	41.4	69.1	54.3	30	47.8	46.4	36.2	33.1	32.6	0 -	-	-
	65	1/28/2008	23:31:10	0:10:00	42.9	70.7	58.9	27.4	48.7	47	36	31.5	30	0 -	-	-
	66	1/28/2008	23:41:10	0:10:00	40.5	68.2	55.4	27.9	47	44.4	36.2	31.1	30.1	0 -	-	-
	67	1/28/2008	23:51:10	0:10:00	42	69.8	53.5	32.5	46	44.9	40.8	36.2	34.9	0 -	-	-
	68	1/29/2008	0:01:10	0:10:00	46.3	74.1	67.9	32	47.3	45.7	41	34.7	33.7	0 -	-	-
	69	1/29/2008	0:11:10	0:10:00	40.9	68.7	54.7	32.2	45.4	42.8	39.1	36.5	35.5	0 -	-	-
	70	1/29/2008	0:21:10	0:10:00	45.7	73.4	66.5	32.1	47.5	45.1	39.8	36.9	36.3	0 -	-	-
	71	1/29/2008	0:31:10	0:10:00	38.1	65.8	53.2	30.3	43.8	40.9	34.6	32.3	31.9	0 -	-	-
	72	1/29/2008	0:41:10	0:10:00	39	66.7	53.5	31.5	44.6	41.6	36.4	34.3	33.7	0 -	-	-
	73	1/29/2008	0:51:10	0:10:00	40.6	68.4	56.4	30.4	46.5	43.9	37.1	33.7	32.5	0 -	-	-
	74	1/29/2008	1:01:10	0:10:00	40.1	67.9	52.5	31.5	44.5	42.8	38.2	35.2	34.3	0 -	-	-
	75	1/29/2008	1:11:10	0:10:00	39	66.8	52.5	31.9	43.1	41.2	37.7	34.8	34.1	0 -	-	-
	76	1/29/2008	1:21:10	0:10:00	43.2	71	55.6	33.7	48.8	47.3	40.1	35.9	35.3	0 -	-	-
	77	1/29/2008	1:31:10	0:10:00	41.4	69.2	56	34	47.8	42.9	38.5	36.4	36.1	0 -	-	-
	78	1/29/2008	1:41:10	0:10:00	39.5	67.3	52.8	32.7	43.7	41.8	38.3	35.5	35	0 -	-	-
	79	1/29/2008	1:51:10	0:10:00	46.3	74	64.6	33.8	48.5	47.5	41.1	37.5	37	0 -	-	-
	80	1/29/2008	2:01:10	0:10:00	46.2	74	66.2	36.7	47.6	46.4	43.1	40	39.1	0 -	-	-

Address	Date	Measurement	Time	LAeq	LAE	LAmaz	LAmIn	LA05	LA10	LA50	LA90	LA95 *	Over	Under	Pause
84	1/29/2008	2:41:10	0:10:00	42.7	70.5	51.1	35.4	46.3	45.3	41.9	38.4	37.7	0 -	-	-
85	1/29/2008	2:51:10	0:10:00	44	71.8	58.9	37	47.3	46.2	42.5	39.7	39.1	0 -	-	-
86	1/29/2008	3:01:10	0:10:00	43	70.7	54.9	36.9	46.4	45.4	41.9	39.3	38.8	0 -	-	-
87	1/29/2008	3:11:10	0:10:00	42.2	70	51.5	36.8	45.5	44.6	41.6	38.8	38.3	0 -	-	-
88	1/29/2008	3:21:10	0:10:00	41.8	69.6	51.4	36.9	45	44	41.1	38.8	38.4	0 -	-	-
89	1/29/2008	3:31:10	0:10:00	43.8	71.6	52.6	37.7	48.2	46.3	42.7	40.4	39.7	0 -	-	-
90	1/29/2008	3:41:10	0:10:00	42	69.8	51	37.1	44.7	44	41.4	39.3	38.9	0 -	-	-
91	1/29/2008	3:51:10	0:10:00	48.7	76.4	67.8	37	49.6	45.4	41.7	39.4	38.9	0 -	-	-
92	1/29/2008	4:01:10	0:10:00	44	71.8	52.9	37.4	47.3	46.5	43	40.4	39.8	0 -	-	-
93	1/29/2008	4:11:10	0:10:00	43.7	71.5	53.4	37.2	46.9	45.9	42.9	40.3	39.6	0 -	-	-
94	1/29/2008	4:21:10	0:10:00	46.5	74.3	56.5	39.3	50.6	49.5	44.9	42.2	41.6	0 -	-	-
95	1/29/2008	4:31:10	0:10:00	48.6	76.4	57.1	40.5	51.9	51.1	47.8	44.8	43.6	0 -	-	-
96	1/29/2008	4:41:10	0:10:00	50	77.8	67.5	42.4	52.7	51.5	47.6	44.6	44.2	0 -	-	-
97	1/29/2008	4:51:10	0:10:00	50.3	78.1	66.6	40.6	53.6	50.3	46.2	43.5	42.9	0 -	-	-
98	1/29/2008	5:01:10	0:10:00	45.9	73.7	53.3	41.6	48.1	47.5	45.6	43.9	43.4	0 -	-	-
99	1/29/2008	5:11:10	0:10:00	47.4	75.2	54.1	42	50.1	49.4	46.9	44.8	44.2	0 -	-	-
100	1/29/2008	5:21:10	0:10:00	46.3	74.1	54.1	41.7	49.1	48.2	45.8	44	43.6	0 -	-	-
101	1/29/2008	5:31:10	0:10:00	49.4	77.1	69.9	40.5	50.6	49.1	45.3	42.9	42.6	0 -	-	-
102	1/29/2008	5:41:10	0:10:00	46.8	74.6	56.1	39	51	49.7	45.6	41.5	40.7	0 -	-	-
103	1/29/2008	5:51:10	0:10:00	46.3	74.1	59.1	38.6	51	49.3	44.1	41	40.4	0 -	-	-
104	1/29/2008	6:01:10	0:10:00	48.6	76.4	64.5	39.5	52.2	50	44.6	41.7	41.2	0 -	-	-
105	1/29/2008	6:11:10	0:10:00	48.2	75.9	57.4	41.5	51.3	50.5	47.6	44.2	43.6	0 -	-	-
106	1/29/2008	6:21:10	0:10:00	52.9	80.7	68	46.6	57	54.7	50.7	48.6	48.2	0 -	-	-
107	1/29/2008	6:31:10	0:10:00	51.7	79.5	65.7	46.7	54.7	53.5	50.7	48.8	48.3	0 -	-	-
108	1/29/2008	6:41:10	0:10:00	53.1	80.8	70.6	46.3	54.6	53.3	50.2	48.4	48	0 -	-	-
109	1/29/2008	6:51:10	0:10:00	53.6	81.4	72	44.6	57.1	54	49.5	46.9	46.3	0 -	-	-
110	1/29/2008	7:01:10	0:10:00	51.9	79.7	68.8	45.5	54.8	53	49.6	47.3	46.9	0 -	-	-
111	1/29/2008	7:11:10	0:10:00	54.7	82.5	73.7	44.2	60.3	54.5	50.2	47.2	46.5	0 -	-	-
112	1/29/2008	7:21:10	0:10:00	53.9	81.7	73.2	44.7	59.6	55.6	50.6	47.8	46.8	0 -	-	-
113	1/29/2008	7:31:10	0:10:00	53.8	81.6	69	44.8	59.7	55.2	50.2	47.1	46.6	0 -	-	-
114	1/29/2008	7:41:10	0:10:00	54.7	82.5	70.7	43.6	61	56	51.1	47.9	46.6	0 -	-	-
115	1/29/2008	7:51:10	0:10:00	53.9	81.7	70.4	42.9	58.8	54.8	50.4	47	45.5	0 -	-	-
116	1/29/2008	8:01:10	0:10:00	56.1	83.9	74.1	42.2	62.1	57.1	49.5	45.3	44.4	0 -	-	-
117	1/29/2008	8:11:10	0:10:00	50.8	78.5	65.9	42.9	53.9	51.9	47.6	44.9	44.4	0 -	-	-
118	1/29/2008	8:21:10	0:10:00	53.7	81.5	73.3	43.1	57.4	53.6	47.3	45	44.6	0 -	-	-
119	1/29/2008	8:31:10	0:10:00	54.2	81.9	72.6	40.7	59.6	55.3	48.2	44.4	43.2	0 -	-	-
120	1/29/2008	8:41:10	0:10:00	50.9	78.7	65.6	41.2	54	51.6	47.9	45	43.8	0 -	-	-
121	1/29/2008	8:51:10	0:10:00	52	79.7	70.5	38.2	55.9	52.2	47.4	43.6	42	0 -	-	-
122	1/29/2008	9:01:10	0:10:00	52.4	80.2	69	38.6	59.7	53.1	45.1	41.2	40.4	0 -	-	-
123	1/29/2008	9:11:10	0:10:00	53.1	80.9	69.6	38.5	59.3	53.4	47	42.4	41.1	0 -	-	-
124	1/29/2008	9:21:10	0:10:00	50.3	78	63.5	39.7	55.7	53.6	47.6	43.2	42.3	0 -	-	-
125	1/29/2008	9:31:10	0:10:00	48	75.8	61.6	40.8	51.8	49.9	46.1	43.1	42.5	0 -	-	-
126	1/29/2008	9:41:10	0:10:00	52.5	80.3	65.5	41.9	57.6	56.2	49.4	45.9	44.4	0 -	-	-
127	1/29/2008	9:51:10	0:10:00	49.6	77.4	63.7	41.9	52.6	50.9	47.4	44.3	43.6	0 -	-	-
128	1/29/2008	10:01:10	0:10:00	52.1	79.9	68.8	40.4	58.8	52.5	45.6	43.1	42.5	0 -	-	-
129	1/29/2008	10:11:10	0:10:00	51.2	78.9	66.9	40.9	56.4	52.7	46.6	43.8	43	0 -	-	-
130	1/29/2008	10:21:10	0:10:00	49.7	77.5	69.9	40.5	52.2	50.7	45.1	42.7	42.2	0 -	-	-
131	1/29/2008	10:31:10	0:10:00	49.1	76.9	64.6	40.4	52.5	51	46.8	43.6	42.5	0 -	-	-
132	1/29/2008	10:41:10	0:10:00	49.9	77.7	64.8	39.5	55.9	50.7	47.3	43.5	41.5	0 -	-	-
133	1/29/2008	10:51:10	0:10:00	52.4	80.2	73.1	38.9	55.5	51.7	46.3	42.6	42	0 -	-	-
134	1/29/2008	11:01:10	0:10:00	53.7	81.4	69.7	41.6	60	57.3	47.5	44.2	43.6	0 -	-	-
135	1/29/2008	11:11:10	0:10:00	52.5	80.3	69.5	40	58.5	53.5	47	43.4	42.4	0 -	-	-
136	1/29/2008	11:21:10	0:10:00	50	77.8	63.8	42.2	55.6	52.9	46.7	44	43.5	0 -	-	-
137	1/29/2008	11:31:10	0:10:00	55	82.7	74.7	41.3	59	53.5	48.6	45	44	0 -	-	-
138	1/29/2008	11:41:10	0:10:00	58.3	86.1	78	43.3	63.2	59.3	51.2	46.9	45.9	0 -	-	-
139	1/29/2008	11:51:10	0:10:00	54.8	82.6	72.2	44.4	61.1	55.6	49.3	46.9	46.3	0 -	-	-
140	1/29/2008	12:01:10	0:10:00	53.7	81.4	69.6	43.5	59.1	53.2	49.2	46.6	45.8	0 -	-	-
141	1/29/2008	12:11:10	0:10:00	53.1	80.9	66.5	43.9	59.4	56.2	50.2	47	46.4	0 -	-	-
142	1/29/2008	12:21:10	0:10:00	52.6	80.4	71.5	43.5	54.5	52.2	49.2	46.6	46.1	0 -	-	-
143	1/29/2008	12:31:10	0:10:00	53	80.7	67.6	45.1	58.4	54.3	49.6	47.4	46.9	0 -	-	-
144	1/29/2008	12:41:10	0:10:00	52.3	80	67.7	44	55.8	53.9	49.8	46.7	45.7	0 -	-	-
145	1/29/2008	12:51:10	0:10:00	63.3	91.1	86.6	32.5	69	63.8	52.2	47.7	46.8	0 Over	-	-
146	1/29/2008	13:01:10	0:10:00	69.9	97.6	88.8	48.4	74.5	73.4	68.9	50.7	50.2	0 Over	-	-
147	1/29/2008	13:11:10	0:10:00	76.8	104.6	85.2	65.9	79.9	79.1	76.8	71.2	70.2	0 Over	-	-
148	1/29/2008	13:21:10	0:10:00	76.5	104.3	84.4	54.6	79.2	78.5	76.2	73.8	69.9	0 Over	-	-
149	1/29/2008	13:31:10	0:10:00	77.3	105.1	83.4	72.7	79.3	78.7	77.1	75.6	75.1	0 Over	-	-
150	1/29/2008	13:41:10	0:10:00	77.2	104.9	85.8	71.5	79.9	79.3	76.5	74.2	73.7	0 Over	-	-
151	1/29/2008	13:51:10	0:10:00	71.8	99.6	82.8	49.2	75.5	74.7	71.4	55.3	53.4	0 Over	-	-
152	1/29/2008	14:01:10	0:10:00	71	98.8	83.1	54	76	74.7	68.7	61.7	59.2	0 Over	-	-
153	1/29/2008	14:11:10	0:10:00	67.5	95.3	85.3	43.9	73.3	72.7	55.4	47.2	46.4	0 Over	-	-
154	1/29/2008	14:21:10	0:10:00	66	93.8	79.9	45	71.1	69.8	60.8	47.8	47	0 Over	-	-
155	1/29/2008	14:31:10	0:10:00	63.3	91.1	81.1	37.2	69.6	68.8	53.9	40.7	40	0 Over	-	-
156	1/29/2008	14:41:10	0:10:00	47.6	75.4	63.3	37.9	54	50.5	43.4	40.2	39.8	0 -	-	-
157	1/29/2008	14:51:10	0:10:00	64.2	92	82.6	37.2	71.6	69.7	49.5	40.1	39.5	0 Over	-	-
158	1/29/2008	15:01:10	0:10:00	72	99.8	83.4	55.8	75.7	74.7	70.9	64.6	62.7	0 Over	-	-
159	1/29/2008	15:11:10	0:10:00	66	93.8	84.8	35.4	71.8	70.7	52.1	38.1	37.5	0 Over	-	-
160	1/29/2008	15:21:10	0:10:00	58.2	86	79	34.7	61.5	57.1	38.9	36.6	36.3	0 Over	-	-
161	1/29/2008	15:31:10	0:10:00	75.9	103.7	85.9	50.9	80.2	79.3	74.9	68.2	63.4	0 Over	-	-
162	1/29/2008	15:41:10	0:10:00	71.8	99.6	85.7	38.4	78	76.1	62.9	56.8	50.6	0 Over	-	-
163	1/29/2008	15:51:10	0:10:00	63.3	91.1	86.9	39	68.4	63.9	47.2	42	41.2	0 Over	-	-
164	1/29/2008	16:01:10	0:02:44	66.8	89	82.6	41.6	72.8	71.1	60.9	49.5	47.6	0 Over	-	-

## *Facility Noise Data Derivation*

Project:		CPV Valley Noise Source Data- Siemens SGT6-5000F Turbines										
		PWL Data										
		8										
Source (per source unless noted)		Octave Band (Hz)									Overall	Overall
		32	63	125	250	500	1k	2k	4k	8k	PWL (dB)	PWL (dBA)
HRSG Stack exit		144	143	145	145	146	145	142	144	129	153	150
	HRSG Insertion Loss	8	18	18	19	21	22	32	34	42		
	Stack Silencer Insertion Loss	2	9	22	39	43	39	18	2	2		
	<b>Net Exhaust PWL</b>	<b>134</b>	<b>116</b>	<b>105</b>	<b>87</b>	<b>82</b>	<b>84</b>	<b>92</b>	<b>108</b>	<b>85</b>	<b>134</b>	<b>109</b>
<b>Combustion Turbine Combustion Air Inlet</b>	(Siemens data)	<b>118</b>	<b>113</b>	<b>110</b>	<b>101</b>	<b>85</b>	<b>89</b>	<b>81</b>	<b>90</b>	<b>93</b>	<b>120</b>	<b>99</b>
Stack wall			<b>103</b>	<b>96</b>	<b>97</b>	<b>85</b>	<b>90</b>	<b>72</b>	<b>55</b>	<b>34</b>	<b>105</b>	<b>93</b>
Gas Compressor (Est. Used PWL spectrum that would equal 95 dBA at interior walls)		<b>117</b>	<b>116</b>	<b>115</b>	<b>111</b>	<b>107</b>	<b>105</b>	<b>107</b>	<b>106</b>	<b>99</b>	<b>122</b>	<b>113</b>
Main Transformer (Used 85 dBA at 3 feet for all transformers)			<b>96</b>	<b>98</b>	<b>100</b>	<b>94</b>	<b>83</b>	<b>78</b>	<b>72</b>	<b>61</b>	<b>104</b>	<b>95</b>
Air Cooled Condenser, per cell (45 cells) Represents a 40 cell air cooled condenser, equal to about 59 dBA at 100 meters.			<b>100</b>	<b>100</b>	<b>96</b>	<b>93</b>	<b>90</b>	<b>83</b>	<b>78</b>	<b>74</b>	<b>104</b>	<b>95</b>
Condensate Pump			<b>98</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>97</b>	<b>90</b>	<b>108</b>	<b>106</b>
Fin Fan Cooler, per cell (18 cells) (roto cooler)		<b>107</b>	<b>111</b>	<b>102</b>	<b>96</b>	<b>94</b>	<b>89</b>	<b>85</b>	<b>83</b>	<b>79</b>	<b>113</b>	<b>96</b>
Air cooled condenser condensate pump			<b>98</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>97</b>	<b>90</b>	<b>108</b>	<b>106</b>
Roof Ventilators		<b>110</b>	<b>108</b>	<b>105</b>	<b>102</b>	<b>97</b>	<b>92</b>	<b>87</b>	<b>83</b>	<b>85</b>	<b>113</b>	<b>99</b>
GT Enclosure Inlet Vent		<b>89</b>	<b>95</b>	<b>84</b>	<b>80</b>	<b>73</b>	<b>71</b>	<b>76</b>	<b>77</b>	<b>83</b>	<b>97</b>	<b>85</b>
GT Enclosure Discharge Vent		<b>91</b>	<b>96</b>	<b>88</b>	<b>84</b>	<b>75</b>	<b>74</b>	<b>74</b>	<b>73</b>	<b>78</b>	<b>98</b>	<b>83</b>
<b>Turbine Building Sources</b>		<b>Octave Band (Hz)</b>									<b>Overall</b>	<b>Overall</b>
		<b>31</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>	<b>PWL (dB)</b>	<b>PWL (dBA)</b>
	Combustion Turbine Air Inlet Plenum		99	96	95	91	92	92	91	82	103	98
	Combustion Turbine Casing		109	106	104	101	99	99	98	90	113	106
	Combustion Turbine Generator Casing		111	110	103	98	98	94	90	86	114	103
	Combustion Turbine Load Compartment		106	103	98	92	93	90	88	84	109	98
	Combustion Turbine Accessory Package		108	105	104	101	99	99	95	93	112	105
	Combustion Turbine Exhaust Plenum		106	104	97	96	94	92	91	88	109	100
	HRSG transition from turbine (west side)		122	116	112	104	97	95	91	85	123	108
	HRSG transition from turbine (east side)		122	116	112	104	97	95	91	85	123	108
	HRSG Body west side		114	110	103	96	87	84	68	54	116	99
	HRSG Body east side		114	110	103	96	87	84	68	54	116	99
	Steam turbine casing		122	120	115	111	107	104	96	90	125	113
	Steam turbine generator casing		120	119	112	107	107	103	99	95	123	112
	Steam turbine condenser		112	111	109	110	104	99	94	90	117	110
	Boiler feedwater pump		107	106	106	106	105	103	101	98	114	110
	Vacuum Conditioner		97	101	101	100	99	96	92	89	107	104
	Air Compressor		88	90	91	91	90	87	84	82	98	95
Sum of Net Interior PWL per train			<b>128</b>	<b>125</b>	<b>120</b>	<b>116</b>	<b>113</b>	<b>110</b>	<b>107</b>	<b>102</b>	<b>131</b>	<b>119</b>
Correct for two trains			<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>		
<b>Total Turbine Building Interior PWL</b>			<b>131</b>	<b>128</b>	<b>123</b>	<b>119</b>	<b>116</b>	<b>113</b>	<b>110</b>	<b>105</b>	<b>134</b>	<b>122</b>

	Octave Band Center Frequency (Hz)									
	31	63	125	250	500	1000	2000	4000	8000	
Transmission Loss of Sonoguard 2" panel wall	-7	-14	-22	-24	-30	-39	-48	-56	-50	
Transmission Loss of Acoustically treated louver	-1	-3	-7	-7	-13	-20	-22	-17	-14	



## *CadnaA Noise Model Input Values*

CPV Valley Energy Center  
CadnaA Model  
Point Sources

Name	M.	ID	Result. PWL			Lw / Li Type	Value	norm. dB(A)	Correction			Sound Reduction R	Area (m²)	Attenuatio Operating Time			K0 (dB)	Freq. (Hz)	Direct.	Height (m)	Coordinates		
			Day (dBA)	Evening (dBA)	Night (dBA)				Day dB(A)	Evening dB(A)	Night dB(A)			Day (min)	Special (min)	Night (min)					X (m)	Y (m)	Z (m)
ACC	+	acc1	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546899.9	4584606	170.6		
ACC	+	acc2	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546912.9	4584609	170.6		
ACC	+	acc3	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546925.7	4584612	170.51		
ACC	+	acc4	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546938.7	4584615	170.48		
ACC	+	acc5	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546951.3	4584619	170.46		
ACC	+	acc6	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546964.4	4584622	170.44		
ACC	+	acc7	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546977.3	4584625	170.45		
ACC	+	acc8	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546896.3	4584619	170.66		
ACC	+	acc9	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546909.6	4584622	170.72		
ACC	+	acc10	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546922.5	4584625	170.77		
ACC	+	acc11	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546935.1	4584629	170.65		
ACC	+	acc12	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546948.3	4584632	170.6		
ACC	+	acc13	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546961.1	4584635	170.59		
ACC	+	acc14	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546974	4584638	170.6		
ACC	+	acc15	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546893.4	4584632	171.05		
ACC	+	acc16	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546906.4	4584635	171.07		
ACC	+	acc17	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546918.9	4584638	170.86		
ACC	+	acc18	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546932.1	4584642	170.74		
ACC	+	acc19	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546945.1	4584645	170.61		
ACC	+	acc20	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546957.7	4584648	170.6		
ACC	+	acc21	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546971	4584652	170.6		
ACC	+	acc22	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546890.2	4584645	171.3		
ACC	+	acc23	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546903	4584648	171.08		
ACC	+	acc24	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546915.9	4584652	170.83		
ACC	+	acc25	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546928.8	4584655	170.7		
ACC	+	acc26	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546941.4	4584658	170.65		
ACC	+	acc27	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546954.3	4584661	170.6		
ACC	+	acc28	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546967.5	4584664	170.53		
ACC	+	acc29	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546886.7	4584658	171.3		
ACC	+	acc30	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546899.8	4584662	171.06		
ACC	+	acc31	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546912.5	4584665	170.82		
ACC	+	acc32	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546925.3	4584668	170.68		
ACC	+	acc33	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546938.3	4584671	170.63		
ACC	+	acc34	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546951.1	4584675	170.58		
ACC	+	acc35	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546964.1	4584678	170.44		
ACC	+	acc36	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546883.4	4584672	171.33		
ACC	+	acc37	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546896.5	4584674	171.04		
ACC	+	acc38	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546909.3	4584678	170.8		
ACC	+	acc39	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546922	4584681	170.7		
ACC	+	acc40	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546934.9	4584685	170.6		
ACC	+	acc41	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546947.5	4584687	170.49		
ACC	+	acc42	95	95	95 Lw	acc		0	0	0					0	0	(none)	30 r	546960.8	4584690	170.34		
Fin Fan Cooler Cell	+	ffc1	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547079.1	4584655	142.16		
Fin Fan Cooler Cell	+	ffc2	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547083.5	4584656	142.02		
Fin Fan Cooler Cell	+	ffc3	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547087.7	4584657	141.88		
Fin Fan Cooler Cell	+	ffc4	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547092.2	4584658	141.72		
Fin Fan Cooler Cell	+	ffc5	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547096.3	4584659	141.6		
Fin Fan Cooler Cell	+	ffc6	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547100.6	4584660	141.6		
Fin Fan Cooler Cell	+	ffc7	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547105	4584661	141.6		
Fin Fan Cooler Cell	+	ffc8	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547080.7	4584648	142.11		
Fin Fan Cooler Cell	+	ffc9	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547085	4584650	141.97		
Fin Fan Cooler Cell	+	ffc10	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547089.3	4584651	141.83		
Fin Fan Cooler Cell	+	ffc11	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547093.6	4584652	141.68		
Fin Fan Cooler Cell	+	ffc12	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547097.9	4584653	141.6		
Fin Fan Cooler Cell	+	ffc13	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547102.2	4584654	141.6		
Fin Fan Cooler Cell	+	ffc14	96	96	96 Lw	ffc		0	0	0					0	0	(none)	3 r	547106.6	4584655	141.6		
gt exhaust vent	+	gtex1	83.2	83.2	83.2 Lw	gtexvt		0	0	0					0	0	(none)	36 r	547047.1	4584707	175.47		
gt exhaust vent	+	gtex2	83.2	83.2	83.2 Lw	gtexvt		0	0	0					0	0	(none)	36 r	547060.5	4584667	175.71		
gt inlet vent	+	gtin1	85.1	85.1	85.1 Lw	gtinvt		0	0	0					0	0	(none)	36 r	547044.4	4584727	175.22		
gt inlet vent	+	gtin2	85.1	85.1	85.1 Lw	gtinvt		0	0	0					0	0	(none)	36 r	547055.8	4584691	175.57		
Main Transformer 1	+	mntxfr1	94.8	94.8	94.8 Lw	mntxf		0	0	0					0	0	(none)	6.71 r	547088.9	4584737	145.31		
Main Transformer 2	+	mntxfr2	94.8	94.8	94.8 Lw	mntxf		0	0	0					0	0	(none)	6.71 r	547098.5	4584699	145.31		
roof fan	+	rf1	99.2	99.2	99.2 Lw	rooffans		0	0	0					0	0	(none)	36 r	546998.5	4584719	175.79		
roof fan	+	rf2	99.2	99.2	99.2 Lw	rooffans		0	0	0					0	0	(none)	36 r	547003.9	4584698	175.94		
roof fan	+	rf3	99.2	99.2	99.2 Lw	rooffans		0	0	0					0	0	(none)	36 r	547008.3	4584684	176.05		
roof fan	+	rf4	99.2	99.2	99.2 Lw	rooffans		0	0	0					0	0	(none)	36 r	547012	4584665	176.22		
roof fan	+	rf5	99.2	99.2	99.2 Lw	rooffans		0	0	0					0	0	(none)	36 r	547059.7	4584734	174.79		
roof fan	+	rf6	99.2	99.2	99.2 Lw	rooffans		0	0	0					0	0	(none)	36 r	547066.4	4584711	174.95		
roof fan	+	rf7	99.2	99.2	99.2 Lw	rooffans		0	0	0					0	0	(none)	36 r	547070.1	4584696	175.09		
roof fan	+	rf8	99.2	99.2	99.2 Lw	rooffans		0	0	0					0	0	(none)	36 r	547078.1	4584671	175.11		
Stack Exit 1	+	stkexit1	109.4	109.4	109.4 Lw	stk		0	0	0					0	0	(none)	40.44 r	546984.7	4584702	180.49		
Stack Exit 2	+	stkexit2	109.4	109.4	109.4 Lw	stk		0	0	0					0	0	(none)	40.44 r	546994.3	4584664	180.78		
Steam Turbine Transformer	+	sttxfr	94.8	94.8	94.8 Lw	mntxf		0	0	0					0	0	(none)	6.71 r	547086.4	4584624	145.63		
Turbine Air Inlet	+	AirInlet	99.4	99.4	99.4 Lw	airinlet		0	0	0					0	0	(none)	28 r	547076.8	4584734	166.6		
Turbine Air Inlet	+	AirInlet	99.4	99.4	99.4 Lw	airinlet		0	0	0					0	0	(none)	28 r	547086.2	4584695	166.63		

CPV Valley Energy Center  
CadnaA Model  
Vertical Area Sources

Name	M.	ID	Result. PWL			Result. PWL"			Lw / Li Type	Value	norm. dB(A)	Correction			Sound Reduction		Attenuatio Operating Time			K0 (dB)	Freq. (Hz)	Direct.
			Day (dBA)	Evening (dBA)	Night (dBA)	Day (dBA)	Evening (dBA)	Night (dBA)				Day dB(A)	Evening dB(A)	Night dB(A)	R	Area (m²)	Day (min)	Special (min)	Night (min)			
turbine building south wall	+	tbldgsw	96.1	96.1	96.1	66.8	66.8	66.8	Lw"	turbldg		0	0	0							3	(none)
turbine building east wall	+	tbldgew	101.2	101.2	101.2	66.8	66.8	66.8	Lw"	turbldg		0	0	0							3	(none)
turbine building north wall	+	tbldgnw	101.8	101.8	101.8	66.8	66.8	66.8	Lw"	turbldg		0	0	0							3	(none)
turbine building west wall	+	tbldgww	101.2	101.2	101.2	66.8	66.8	66.8	Lw"	turbldg		0	0	0							3	(none)
STG Building South Wall	+	stgldgsw	100	100	100	66.8	66.8	66.8	Lw"	stgldg		0	0	0							3	(none)
STG Building East Wall	+	stldgew	99.6	99.6	99.6	66.8	66.8	66.8	Lw"	stgldg		0	0	0							3	(none)
STG Building West Wall	+	stldgww	99.6	99.6	99.6	66.8	66.8	66.8	Lw"	stgldg		0	0	0							3	(none)
Stack Wall Breakout	+	stkwallbrk	93	93	93	65.1	65.1	65.1	Lw	stkwl		0	0	0							3	(none)
Stack Wall Breakout	+	stkwallbrk	93	93	93	65.2	65.2	65.2	Lw	stkwl		0	0	0							3	(none)
North Louver	+	nlouv	97.8	97.8	97.8	80.1	80.1	80.1	Lw"	louv		0	0	0							3	(none)
East Louver	+	elouv	97.9	97.9	97.9	80.1	80.1	80.1	Lw"	louv		0	0	0							3	(none)
South Louver	+	slouv	97.8	97.8	97.8	80.1	80.1	80.1	Lw"	louv		0	0	0							3	(none)
West Louver	+	wlouv	97.7	97.7	97.7	80.1	80.1	80.1	Lw"	louv		0	0	0							3	(none)

## *CadnaA Noise Model Output Values*

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Levels  
Uhlig Road

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	20.2		0.9	10.8	13.8	15.6	14.6	4.5	-17.1	-83.1
ACC	acc2	20.2		0.9	10.8	13.8	15.6	14.5	4.5	-17.2	-83.4
ACC	acc3	20.2		0.8	10.7	13.8	15.6	14.5	4.4	-17.3	-83.6
ACC	acc4	20.1		0.8	10.7	13.8	15.5	14.5	4.4	-17.4	-83.8
ACC	acc5	20.1		0.8	10.7	13.7	15.5	14.5	4.3	-17.5	-84.1
ACC	acc6	20.1		0.8	10.7	13.7	15.5	14.4	4.3	-17.6	-84.5
ACC	acc7	20		0.7	10.6	13.7	15.4	14.4	4.2	-17.8	-84.9
ACC	acc8	20.4		1.1	11	14	15.8	14.8	4.8	-16.5	-81.3
ACC	acc9	20.4		1	10.9	14	15.8	14.8	4.8	-16.6	-81.6
ACC	acc10	20.4		1	10.9	14	15.8	14.7	4.7	-16.7	-81.8
ACC	acc11	20.3		1	10.9	13.9	15.7	14.7	4.7	-16.8	-82.1
ACC	acc12	20.3		1	10.9	13.9	15.7	14.7	4.6	-16.9	-82.4
ACC	acc13	20.3		0.9	10.8	13.9	15.6	14.6	4.6	-17	-82.8
ACC	acc14	20.2		0.9	10.8	13.8	15.6	14.6	4.5	-17.2	-83.1
ACC	acc15	20.6		1.2	11.1	14.2	16	15	5.1	-15.9	-79.6
ACC	acc16	20.6		1.2	11.1	14.2	16	15	5.1	-16	-79.9
ACC	acc17	20.6		1.2	11.1	14.2	15.9	15	5	-16.1	-80.1
ACC	acc18	20.5		1.2	11.1	14.1	15.9	14.9	5	-16.2	-80.4
ACC	acc19	20.5		1.1	11	14.1	15.9	14.9	4.9	-16.3	-80.7
ACC	acc20	20.5		1.1	11	14.1	15.8	14.8	4.9	-16.4	-81.1
ACC	acc21	20.4		1.1	11	14	15.8	14.8	4.8	-16.6	-81.4
ACC	acc22	20.8		1.4	11.3	14.4	16.2	15.2	5.4	-15.3	-77.9
ACC	acc23	20.8		1.4	11.3	14.4	16.2	15.2	5.4	-15.4	-78.1
ACC	acc24	20.8		1.4	11.3	14.3	16.1	15.2	5.3	-15.5	-78.4
ACC	acc25	20.7		1.3	11.2	14.3	16.1	15.1	5.3	-15.6	-78.7
ACC	acc26	20.7		1.3	11.2	14.3	16.1	15.1	5.2	-15.7	-79
ACC	acc27	20.7		1.3	11.2	14.2	16	15	5.1	-15.8	-79.4
ACC	acc28	20.6		1.2	11.1	14.2	16	15	5.1	-16	-79.8
ACC	acc29	21		1.6	11.5	14.6	16.4	15.5	5.7	-14.7	-76.1
ACC	acc30	21		1.6	11.5	14.6	16.4	15.4	5.7	-14.8	-76.4
ACC	acc31	21		1.5	11.4	14.5	16.3	15.4	5.6	-14.9	-76.7
ACC	acc32	20.9		1.5	11.4	14.5	16.3	15.4	5.6	-15	-77
ACC	acc33	20.9		1.5	11.4	14.5	16.3	15.3	5.5	-15.1	-77.3
ACC	acc34	20.9		1.4	11.3	14.4	16.2	15.3	5.4	-15.2	-77.6
ACC	acc35	20.8		1.4	11.3	14.4	16.2	15.2	5.4	-15.4	-78
ACC	acc36	21.2		1.8	11.7	14.8	16.6	15.7	6	-14.1	-74.4
ACC	acc37	21.2		1.7	11.7	14.7	16.6	15.7	6	-14.2	-74.7
ACC	acc38	21.2		1.7	11.6	14.7	16.5	15.6	5.9	-14.3	-74.9
ACC	acc39	21.1		1.7	11.6	14.7	16.5	15.6	5.9	-14.4	-75.2
ACC	acc40	21.1		1.7	11.6	14.6	16.5	15.5	5.8	-14.5	-75.5
ACC	acc41	21.1		1.6	11.5	14.6	16.4	15.5	5.7	-14.6	-75.9
ACC	acc42	21		1.6	11.5	14.6	16.4	15.4	5.7	-14.8	-76.4
East Louver	elouv	23		22.1	14.3	9.6	-0.2	-11.6	-21.7	-37.9	
Fin Fan Cooler Cell	ffc1	6	-11.2	3.1	-3.8	-4.3	-1.3	-5.5	-13.6	-33.7	
Fin Fan Cooler Cell	ffc2	6.7	-10.3	4	-3.1	-3.8	-0.8	-5.2	-13.4	-33.6	
Fin Fan Cooler Cell	ffc3	7.6	-9.3	5.1	-2.3	-3.1	0	-4.7	-13.1	-33.5	
Fin Fan Cooler Cell	ffc4	8.8	-8	6.4	-1.2	-2.2	0.9	-3.9	-12.7	-33.3	
Fin Fan Cooler Cell	ffc5	9.6	-7.2	7.3	-0.4	-1.5	1.7	-3.3	-12.3	-33.1	
Fin Fan Cooler Cell	ffc6	10.5	-6.4	8.2	0.4	-0.8	2.4	-2.7	-11.8	-32.8	
Fin Fan Cooler Cell	ffc7	11.5	-6.3	9.2	1.4	0.1	3.4	-1.9	-11.2	-32.5	
Fin Fan Cooler Cell	ffc8	6.3	-10.8	3.5	-3.6	-4.2	-1.1	-5.5	-13.7	-33.9	
Fin Fan Cooler Cell	ffc8	6.9	-10	4.3	-3	-3.7	-0.6	-5.1	-13.5	-33.9	
Fin Fan Cooler Cell	ffc10	7.8	-9.1	5.3	-2.2	-3.1	0	-4.7	-13.2	-33.7	
Fin Fan Cooler Cell	ffc11	8.6	-8.2	6.3	-1.4	-2.4	0.7	-4.1	-12.8	-33.6	
Fin Fan Cooler Cell	ffc12	9.4	-7.4	7.1	-0.7	-1.8	1.4	-3.6	-12.5	-33.4	
Fin Fan Cooler Cell	ffc13	10.1	-6.7	7.9	0.1	-1.1	2.1	-3	-12.1	-33.2	
Fin Fan Cooler Cell	ffc14	11	-6.3	8.8	1	-0.3	2.9	-2.3	-11.6	-32.9	
gt exhaust vent	gtex1	6.8	-21	-2.8	-0.9	2.1	-2.1	-1.1	-4	-21.2	-76.4
gt exhaust vent	gtex2	6.2	-21.5	-3.3	-1.5	1.6	-2.7	-1.7	-4.9	-23	-81.6
gt inlet vent	gtin1	4.8	-22.8	-3.6	-4.7	-1.6	-3.8	-3.8	-1.6	-16.4	-69.1
gt inlet vent	gtin2	4.2	-23.2	-4.1	-5.2	-2.1	-4.4	-4.4	-2.4	-18	-73.8
Main Transformer 1	mntxfr1	20.9		-2.9	7	18	16.8	7.7	-0.4	-23	
Main Transformer 2	mntxfr2	14.2		-4.3	1.7	11.6	9.7	-1.8	-12.7	-38.6	
North Louver	nlouv	30.8		26.8	26.7	23.7	14.4	5.3	-2.8	-16.7	-76
roof fan	rf1	25.4	-1.5	9.6	16.5	20.6	20.5	17.5	9.8	-9.5	-64.7
roof fan	rf2	25.1	-1.8	9.4	16.3	20.3	20.1	17.2	9.3	-10.5	-67.3
roof fan	rf3	24.9	-2	9.2	16.1	20.2	19.9	17	9	-11.1	-69.1
roof fan	rf4	24.6	-2.2	9	15.9	19.9	19.7	16.7	8.6	-11.9	-71.5
roof fan	rf5	25.1	-1.8	9.3	16.2	20.3	20.1	17.1	9.3	-10.6	-67.6
roof fan	rf6	24.8	-2.1	9.1	15.9	20	19.8	16.8	8.8	-11.6	-70.5
roof fan	rf7	24.5	-2.3	8.9	15.8	19.8	19.6	16.5	8.5	-12.2	-72.4
roof fan	rf8	24.2	-2.6	8.6	15.5	19.5	19.2	16.2	7.9	-13.3	-75.6
South Louver	slouv	15.4		14.4	7	2.8	-7	-17.3	-26.7	-43.7	
Stack Exit 1	stkexit1	25.5	22.4	17.5	16.5	5.5	5.4	9.4	14.6	15.2	-65.5
Stack Exit 2	stkexit2	24.8	21.9	17.1	16	5	4.8	8.8	13.8	13.4	-70.4
Stack Wall Breakout	stkwallbrk	22.8		8.7	11.2	19	11.8	18.6	-2.4	-35	
Stack Wall Breakout	stkwallbrk	22		8.2	10.6	18.4	11	17.8	-3.4	-36.9	
Steam Turbine Transformer	sttxfr	3.6		-11.1	-8.1	0.8	-1.1	-11.6	-21.1	-45.9	
STG Building East Wall	stgbldgew	18.2		17.6	8.2	1.1	-9.2	-21.4	-37.5	-66.8	
STG Building South Wall	stgbldgsw	20.5		20	10	2.7	-7.7	-20.3	-36.9	-66.9	
STG Building West Wall	stgbldgww	29.1		27.3	23.1	18.1	8.9	-2.3	-17.6	-46.2	
Turbine Air Inlet	AirInlet	19.7	6	14.1	16.4	12.2	0.3	3.8	-9.6	-19	-77.8
Turbine Air Inlet	AirInlet	14.4	3.7	9.4	10.8	6	-6.3	-2.4	-15.2	-24.3	-85
turbine building east wall	tbldgew	26.7		26.2	15.8	8.4	-1.7	-14.7	-31.5	-60.3	
turbine building north wall	tbldgnw	32.5		30.6	26.5	21.6	12.3	1.3	-13.5	-40.1	
turbine building south wall	tbldgsw	15.7		15.1	5.3	-1.8	-11.9	-24.2	-40.2	-69.1	
turbine building west wall	tbldgww	31.2		29.5	25.2	19.7	10.1	-1.5	-16.9	-43.9	
West Louver	wlouv	27.2		23.6	23	19.4	9.6	0.2	-8	-22.3	-83.4

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Levels  
Apple Lane Drive

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	22.9		0.5	11.6	16.7	18.7	17.4	6.6	-18	
ACC	acc2	23		0.6	11.8	16.7	18.8	17.5	6.7	-17.7	
ACC	acc3	23.1		0.7	11.9	16.8	18.9	17.6	6.9	-17.4	
ACC	acc4	23.2		0.8	12	16.9	19	17.7	7	-17.1	
ACC	acc5	22.2		4.5	12.4	15.4	17.9	16.7	5.8	-18.4	
ACC	acc6	19.7		3	10.9	13.5	15.1	13.6	2.7	-21.2	
ACC	acc7	19.2		1.6	10.2	13	14.5	13.1	2.2	-21.9	
ACC	acc8	23.1		0.6	11.7	16.8	18.8	17.6	6.8	-17.6	
ACC	acc9	23.2		0.7	11.9	16.9	18.9	17.7	7	-17.2	
ACC	acc10	23.3		0.8	12	17	19	17.8	7.1	-16.9	
ACC	acc11	23.4		0.9	12.1	17.1	19.1	17.9	7.3	-16.6	
ACC	acc12	23.5		1	12.3	17.1	19.2	18	7.4	-16.3	
ACC	acc13	19.5		4.1	11.7	14	15	11.6	-1.7	-28	
ACC	acc14	19.5		2.3	10.6	13.3	14.9	13.4	2.6	-21.3	
ACC	acc15	23.2		0.7	11.8	16.9	19	17.7	7	-17.1	
ACC	acc16	23.3		0.8	12	17	19.1	17.9	7.2	-16.8	
ACC	acc17	23.4		0.9	12.1	17.1	19.2	18	7.3	-16.4	
ACC	acc18	23.5		1	12.2	17.2	19.2	18.1	7.5	-16.1	
ACC	acc19	23.6		1.1	12.4	17.3	19.3	18.2	7.6	-15.8	
ACC	acc20	23.9		4.8	14.3	17.4	19.4	18.3	7.8	-15.5	-87.3
ACC	acc21	16.8		3.1	10.4	11.8	11.5	7.3	-6.3	-32.4	
ACC	acc22	23.3		0.8	11.9	17.1	19.1	17.9	7.3	-16.6	
ACC	acc23	23.4		0.9	12	17.1	19.2	18	7.4	-16.3	
ACC	acc24	23.6		1	12.2	17.2	19.3	18.1	7.6	-15.9	
ACC	acc25	23.7		1.1	12.3	17.3	19.4	18.2	7.7	-15.6	-87.7
ACC	acc26	23.8		1.2	12.5	17.4	19.5	18.3	7.9	-15.3	-86.8
ACC	acc27	23.9		1.3	12.6	17.5	19.6	18.4	8	-15	-85.9
ACC	acc28	22		4.9	12.7	15.6	17.7	16	4.7	-19.2	
ACC	acc29	23.4		0.6	11.4	17	19.2	18.1	7.5	-16.1	
ACC	acc30	23.6		1	12.1	17.3	19.3	18.2	7.6	-15.8	
ACC	acc31	23.7		1.1	12.2	17.4	19.4	18.3	7.8	-15.5	-87.3
ACC	acc32	23.8		1.2	12.4	17.5	19.5	18.4	8	-15.1	-86.3
ACC	acc33	23.9		1.3	12.5	17.6	19.6	18.5	8.1	-14.8	-85.3
ACC	acc34	24		1.4	12.7	17.6	19.7	18.6	8.3	-14.5	-84.4
ACC	acc35	24.1		1.5	12.8	17.7	19.8	18.7	8.4	-14.2	-83.5
ACC	acc36	23.3		0.7	11.3	16.2	19.4	18.2	7.7	-15.7	-87.9
ACC	acc37	23.6		0.8	11.6	17.2	19.5	18.3	7.9	-15.3	-86.9
ACC	acc38	23.8		1.2	12.3	17.5	19.6	18.4	8	-15	-85.9
ACC	acc39	23.9		1.3	12.5	17.6	19.7	18.6	8.2	-14.6	-84.9
ACC	acc40	24.1		1.4	12.6	17.7	19.8	18.7	8.4	-14.3	-83.9
ACC	acc41	24.2		1.5	12.8	17.8	19.9	18.8	8.5	-14	-83
ACC	acc42	24.3		1.6	12.9	17.9	20	18.9	8.7	-13.7	-82
East Louver	elouv	31.3		26.7	27	24.8	17.9	9.9	2	-12.2	-73.5
Fin Fan Cooler Cell	ffc1	11.4	-5.5	9.2	1.4	0.1	3.4	-1.9	-11	-31.9	
Fin Fan Cooler Cell	ffc2	13.8	-3.6	11.5	3.9	2.5	5.9	0.5	-9.1	-30.4	
Fin Fan Cooler Cell	ffc3	17.6	-1.4	14.7	7.9	7	10.9	5.5	-4.4	-26.3	
Fin Fan Cooler Cell	ffc4	23.8	-5.4	11.9	13.1	15	20	17.9	10.6	-8.7	-77.2
Fin Fan Cooler Cell	ffc5	23.9	-5.4	11.9	13.1	15	20.1	17.9	10.7	-8.7	-77
Fin Fan Cooler Cell	ffc6	26.4	-2.9	14.4	15.7	17.5	22.6	20.4	13.2	-6.1	-74.5
Fin Fan Cooler Cell	ffc7	26.4	-2.9	14.4	15.7	17.5	22.6	20.4	13.2	-6.1	-74.5
Fin Fan Cooler Cell	ffc8	13.9	-3.5	11.6	4	2.6	6	0.5	-9.1	-30.6	
Fin Fan Cooler Cell	ffc8	17	-1.7	14.3	7.3	6.2	10	4.6	-5.3	-27.4	
Fin Fan Cooler Cell	ffc10	21.9	-0.9	16.2	11	11.8	17.5	13.8	5.3	-16	-87.4
Fin Fan Cooler Cell	ffc11	23.8	-5.5	11.8	13	14.9	20.1	17.8	10.5	-9	-78
Fin Fan Cooler Cell	ffc12	23.9	-5.5	11.8	13.1	15	20.2	17.8	10.5	-8.9	-77.8
Fin Fan Cooler Cell	ffc13	26.4	-3	14.4	15.6	17.5	22.7	20.3	13.1	-6.4	-75.3
Fin Fan Cooler Cell	ffc14	26.4	-3	14.4	15.6	17.5	22.7	20.3	13.1	-6.4	-75.3
gt exhaust vent	gtex1	6.9	-21.1	-2.9	-1	2.1	-2	-0.8	-3.3	-19.6	-73
gt exhaust vent	gtex2	6.2	-21.5	-3.4	-1.5	1.6	-2.6	-1.6	-4.6	-22.3	-80.1
gt inlet vent	gtin1	5.3	-22.9	-3.7	-4.7	-1.6	-3.6	-3.2	-0.2	-12.6	-65.5
gt inlet vent	gtin2	4.3	-23.3	-4.1	-5.2	-2.1	-4.3	-4.2	-2	-17.1	-71.6
Main Transformer 1	mntxfr1	24		-2.2	8.1	19.9	20.9	13.1	5.3	-16.2	-85.2
Main Transformer 2	mntxfr2	26.4		-0.1	10.2	22.1	23.6	15	7	-15.5	-87.9
North Louver	nlouv	31		26.7	26.8	24.3	16.2	9.8	2.1	-11.9	-72.5
roof fan	rf1	27.7	-2	9.3	16.6	21.5	23.5	21.5	13.5	-6.9	-66.1
roof fan	rf2	25.3	-2.3	8.9	15.9	20.1	20.2	18.1	12.8	-7.8	-68.5
roof fan	rf3	24.8	-2.5	8.7	15.7	19.8	19.9	17.4	10.7	-8.3	-70
roof fan	rf4	24.5	-2.7	8.5	15.4	19.5	19.5	16.8	9.6	-9.1	-72.3
roof fan	rf5	25.1	-1.7	9.4	16.3	20.4	20.2	17.2	9.4	-10.4	-67
roof fan	rf6	24.8	-2	9.1	16	20.1	19.9	16.9	8.9	-11.3	-69.8
roof fan	rf7	24.6	-2.2	8.9	15.8	19.9	19.7	16.7	8.7	-11.8	-71.3
roof fan	rf8	24.3	-2.5	8.7	15.6	19.6	19.4	16.3	8.2	-12.7	-74
South Louver	slouv	16.1		15.1	7.4	3.1	-6.7	-17.3	-26.9	-44.5	
Stack Exit 1	stkexit1	24.5	21.6	16.8	15.7	4.7	4.5	8.4	13.3	12.4	-73.4
Stack Exit 2	stkexit2	24	21.2	16.4	15.2	4.3	4	7.9	12.6	10.9	-77.8
Stack Wall Breakout	stkwallbrk	18.1		7.1	6.9	14.2	7	13.6	-7.8	-41.9	
Stack Wall Breakout	stkwallbrk	16.3		3.8	4.3	12.2	5.4	12.3	-9.1	-43.6	
Steam Turbine Transformer	sttxfr	23.3		-3.2	7	19.1	20.5	11.4	2.9	-21.2	
STG Building East Wall	stgbldgew	28		27.4	18.3	11	0.3	-13.3	-31.1	-62.4	
STG Building South Wall	stgbldgsw	19.6		19.1	9.4	2.1	-8.1	-20.6	-37	-67.4	
STG Building West Wall	stgbldgww	20.1		19.5	9.9	2.6	-8	-20.8	-37.5	-67.8	
Turbine Air Inlet	AirInlet	31.7	11.8	21.7	28.3	26.4	15.5	21.6	10.7	4.1	-51.4
Turbine Air Inlet	AirInlet	31.2	11.4	21.3	27.8	25.9	15	21	9.9	2.4	-56.1
turbine building east wall	tbldgew	34.7		33.1	27.9	23.8	15.8	5.2	-9.7	-37	
turbine building north wall	tbldgnw	34.1		32	28.2	24.2	16.1	5.8	-9	-35.9	
turbine building south wall	tbldgsw	19.7		19.2	9.1	1.9	-7.8	-20.4	-37.2	-66.7	
turbine building west wall	tbldgww	25.1		24.7	14.3	6.8	-3.6	-16.6	-33.4	-62.8	
West Louver	wlouv	20.8		19.9	11.9	7.3	-2.6	-13.8	-23.7	-40.2	

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Levels  
Pine Hill Cemetery

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	15.9		-2	7.7	10.3	11.3	8.8	-4.3	-34.1	
ACC	acc2	11.8		-2.6	6.3	7.1	5.9	1.5	-13	-43.5	
ACC	acc3	10.5		-2.8	5	5.6	4.5	0	-14.5	-44.9	
ACC	acc4	11		-2.6	5.3	6	5.3	0.9	-13.5	-43.6	
ACC	acc5	10.2		-2.6	4.5	5.1	4.4	0.2	-14.1	-44	
ACC	acc6	5.8		-5.6	0.4	0.6	-0.2	-4.6	-18.5	-46	
ACC	acc7	8.5		-4.2	3	3.4	2.5	-1.7	-16	-45.4	
ACC	acc8	16		-1.9	7.8	10.4	11.4	8.9	-4.2	-33.8	
ACC	acc9	16		-1.8	7.9	10.5	11.4	8.9	-4.1	-33.5	
ACC	acc10	11.8		-2.5	6.3	7.1	5.7	1.4	-13	-43.1	
ACC	acc11	10.4		-2.8	5	5.6	4.3	-0.3	-14.7	-44.6	
ACC	acc12	10.8		-2.5	5.1	5.7	5.1	0.6	-13.7	-43.3	
ACC	acc13	9.8		-2.7	4.1	4.7	4	-0.2	-14.5	-43.9	
ACC	acc14	8.8		-3.8	3.2	3.7	2.8	-1.4	-15.6	-44.8	
ACC	acc15	16.1		-1.8	7.9	10.5	11.5	9	-4	-33.4	
ACC	acc16	16.1		-1.7	8	10.6	11.5	9	-4	-33.1	
ACC	acc17	16.2		-1.6	8.1	10.7	11.6	9.1	-3.9	-32.9	
ACC	acc18	11.7		-2.4	6.3	6.9	5.5	1.1	-13.2	-42.9	
ACC	acc19	10.1		-2.8	4.7	5.3	4	-0.6	-14.9	-44.4	
ACC	acc20	10.4		-2.5	4.7	5.3	4.7	0.3	-13.9	-43.2	
ACC	acc21	9.1		-3.2	3.5	4	3.2	-1	-15.2	-44.2	
ACC	acc22	16.2		-1.7	8	10.6	11.6	9.2	-3.8	-32.9	
ACC	acc23	16.2		-1.6	8.1	10.7	11.6	9.2	-3.8	-32.8	
ACC	acc24	16.3		-1.6	8.2	10.8	11.7	9.2	-3.8	-32.6	
ACC	acc25	16.3		-1.5	8.3	10.8	11.7	9.2	-3.8	-32.4	
ACC	acc26	11.5		-2.3	6.3	6.7	5.2	0.8	-13.4	-42.6	
ACC	acc27	9.9		-2.8	4.5	5.2	3.6	-0.9	-15.1	-44.2	
ACC	acc28	9.8		-2.5	4.1	4.6	4	-0.2	-14.3	-43.1	
ACC	acc29	16.3		-1.7	8.1	10.7	11.7	9.3	-3.6	-32.6	
ACC	acc30	16.3		-1.6	8.2	10.8	11.7	9.3	-3.6	-32.4	
ACC	acc31	16.4		-1.5	8.2	10.8	11.8	9.3	-3.6	-32.2	
ACC	acc32	16.4		-1.4	8.3	10.9	11.8	9.3	-3.6	-32	
ACC	acc33	16.5		-1.3	8.4	11	11.8	9.3	-3.6	-31.8	
ACC	acc34	11.3		-2.3	6.2	6.5	4.9	0.5	-13.6	-42.5	
ACC	acc35	9.6		-2.8	4.2	4.8	3.3	-1.2	-15.4	-44	
ACC	acc36	16.4		-1.6	8.2	10.8	11.8	9.4	-3.4	-32.2	
ACC	acc37	16.4		-1.5	8.2	10.9	11.8	9.4	-3.5	-32	
ACC	acc38	16.5		-1.4	8.3	10.9	11.9	9.4	-3.5	-31.8	
ACC	acc39	16.5		-1.3	8.4	11	11.9	9.4	-3.4	-31.6	
ACC	acc40	16.6		-1.2	8.5	11.1	11.9	9.4	-3.4	-31.4	
ACC	acc41	16.6		-1.1	8.6	11.2	12	9.4	-3.4	-31.2	
ACC	acc42	16.7		-1	8.7	11.2	12	9.4	-3.4	-31	
East Louver	elouv	28.1		24.8	24	19.6	8.5	-2.9	-14	-33.3	
Fin Fan Cooler Cell	ffc1	10.7	-8.3	7.2	4.2	2.6	2	-4.3	-15.1	-38.2	
Fin Fan Cooler Cell	ffc2	11	-8.3	7.2	5.2	2.6	2.1	-4.2	-15.1	-38.1	
Fin Fan Cooler Cell	ffc3	17	-6.8	10.1	10.4	10.2	11.2	5.9	-4.3	-28.6	
Fin Fan Cooler Cell	ffc4	17	-6.8	10.2	10.5	10.3	11.3	6	-4.3	-28.5	
Fin Fan Cooler Cell	ffc5	17	-6.7	10.2	10.5	10.3	11.3	6	-4.2	-28.3	
Fin Fan Cooler Cell	ffc6	17.1	-6.7	10.2	10.5	10.4	11.4	6.1	-4.1	-28.2	
Fin Fan Cooler Cell	ffc7	19.6	-4.2	12.7	13	12.9	13.9	8.6	-1.7	-25.8	
Fin Fan Cooler Cell	ffc8	11.2	-8.2	7.3	5.3	2.9	2.6	-3.2	-13.2	-36.1	
Fin Fan Cooler Cell	ffc8	16.9	-6.9	10.1	10.4	10.2	11.3	6	-4.3	-28.7	
Fin Fan Cooler Cell	ffc10	17	-6.9	10.1	10.4	10.3	11.3	6	-4.3	-28.6	
Fin Fan Cooler Cell	ffc11	17	-6.8	10.1	10.4	10.3	11.3	6	-4.2	-28.5	
Fin Fan Cooler Cell	ffc12	17.1	-6.8	10.1	10.5	10.3	11.4	6.1	-4.1	-28.3	
Fin Fan Cooler Cell	ffc13	17.1	-6.8	10.2	10.5	10.4	11.4	6.2	-4	-28.2	
Fin Fan Cooler Cell	ffc14	17.1	-6.7	10.2	10.6	10.4	11.5	6.2	-3.9	-28	
gt exhaust vent	gtex1	4.3	-22.4	-4.4	-2.6	0.1	-4.9	-5.1	-10.3	-32.4	
gt exhaust vent	gtex2	4.1	-22.7	-4.6	-2.8	-0.1	-4.9	-5	-10.1	-32.6	
gt inlet vent	gtin1	1.6	-24.3	-5.2	-6.4	-3.8	-6.8	-8.2	-8.4	-28.1	
gt inlet vent	gtin2	1.5	-24.5	-5.5	-6.7	-4	-6.9	-8.1	-8.2	-28.4	
Main Transformer 1	mntxfr1	16.6		-4.2	4.9	14.5	11.2	-0.2	-11.2	-37.9	
Main Transformer 2	mntxfr2	19.2		-2	7.3	17	14	2.7	-8.4	-35.9	
North Louver	nlouv	27.9		24.6	23.7	19.3	8	-3.6	-14.8	-34.4	
roof fan	rf1	22	-3.6	7.5	14.2	17.8	16.8	12.4	2	-23.5	
roof fan	rf2	21.9	-3.8	7.3	14.1	17.7	16.7	12.4	2	-23.8	
roof fan	rf3	21.9	-3.9	7.2	14	17.7	16.7	12.4	2	-23.9	
roof fan	rf4	21.8	-4	7.1	13.9	17.6	16.6	12.4	2	-24.1	
roof fan	rf5	16.8	-3.8	6.7	11	12.6	9.7	3.4	-8.2	-33.5	
roof fan	rf6	17.1	-3.8	6.7	11.2	13	10.3	4.1	-7.5	-33.2	
roof fan	rf7	22.5	-3.4	7.7	14.5	18.2	17.3	13.1	3	-21.8	
roof fan	rf8	22.4	-3.6	7.5	14.3	18.1	17.2	13.2	3.2	-22	
South Louver	slouv	16.5		15.7	7.7	3.2	-6.8	-17.8	-28.5	-49.4	
Stack Exit 1	stkexit1	20.9	19.4	13.7	10.9	-3.1	-6.9	-6.3	-5.2	-12.1	
Stack Exit 2	stkexit2	20.7	19.2	13.5	10.8	-3.2	-7	-6.5	-5.6	-13.1	
Stack Wall Breakout	stkwallbrk	11.3		1.9	1.5	8.1	-0.4	4.9	-18.8	-57.6	
Stack Wall Breakout	stkwallbrk	10.3		-0.5	0.2	7.1	-1.2	4.4	-19	-58.1	
Steam Turbine Transformer	sttxfr	16.8		-4.9	4.5	14.5	11.8	0.8	-10.4	-39.1	
STG Building East Wall	stgbldgew	26.2		24.9	19.4	13.5	3	-9.8	-27.7	-61.4	
STG Building South Wall	stgbldgsw	20.7		20.2	9.7	2.4	-8	-21	-38.8	-72.7	
STG Building West Wall	stgbldgww	16.5		16	6.5	-0.6	-11.1	-23.5	-40.4	-73.3	
Turbine Air Inlet	AirInlet	25.1	7.5	15.5	22.2	19.7	7.3	11.6	-1.9	-13.4	-80.5
Turbine Air Inlet	AirInlet	24.8	7.2	15.2	21.9	19.4	7.3	11.8	-1.6	-13.6	-83.1
turbine building east wall	tbldgsw	29.7		28.1	23.6	17.7	7.1	-5.7	-23.4	-55.4	
turbine building north wall	tbldgnw	30.2		28.6	24	18	7.3	-5.8	-23.6	-55.9	
turbine building south wall	tbldgsw	19.6		19.1	8.7	1.4	-8.9	-22.3	-40.4	-73	
turbine building west wall	tbldgww	20.9		20.4	10.1	2.9	-7.4	-20.2	-37.4	-69.6	
West Louver	wlouv	16.4		15.5	7.7	3.2	-6.7	-17.5	-28.4	-47.4	

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Levels  
Sunrise Park Road

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)							
			31.5	63	125	250	500	1000	2000	4000
ACC	acc1	11.7		-6.1	3.6	6.1	7.1	4.6	-10.6	-52
ACC	acc2	11.8		-6	3.7	6.2	7.2	4.7	-10.4	-51.6
ACC	acc3	11.9		-5.9	3.7	6.3	7.3	4.8	-10.2	-51.1
ACC	acc4	12		-5.8	3.8	6.3	7.4	4.9	-10.1	-50.6
ACC	acc5	12		-5.8	3.9	6.4	7.5	5	-9.9	-50.3
ACC	acc6	12.1		-5.7	4	6.5	7.5	5.1	-9.8	-49.9
ACC	acc7	12.2		-5.6	4	6.6	7.6	5.2	-9.6	-49.5
ACC	acc8	11.7		-6	3.6	6.1	7.1	4.6	-10.6	-51.9
ACC	acc9	11.6		-6	3.7	6.1	7.1	4.3	-11.3	-53.3
ACC	acc10	11.5		-5.9	3.7	6.1	6.9	3.8	-12.2	-54.5
ACC	acc11	12		-5.8	3.8	6.4	7.4	5	-10	-50.5
ACC	acc12	12.1		-5.8	3.9	6.4	7.5	5.1	-9.9	-50.1
ACC	acc13	12.1		-5.7	4	6.5	7.5	5	-9.9	-50.1
ACC	acc14	11.8		-5.7	3.9	6.3	7.1	4.3	-11.3	-52.2
ACC	acc15	11.7		-6	3.6	6.1	7.1	4.6	-10.5	-51.8
ACC	acc16	11.8		-6	3.7	6.2	7.2	4.8	-10.3	-51.3
ACC	acc17	11.9		-5.9	3.8	6.3	7.3	4.9	-10.1	-50.8
ACC	acc18	12		-5.8	3.9	6.4	7.4	5	-9.9	-50.3
ACC	acc19	12.1		-5.7	3.9	6.5	7.5	5.1	-9.8	-50
ACC	acc20	9.6		-6.2	3.1	4.8	4.6	0.1	-17.8	-61.8
ACC	acc21	5.4		-7.4	0.8	0.9	-1.8	-8	-26.1	-68.7
ACC	acc22	11.7		-6	3.6	6.2	7.2	4.7	-10.5	-51.7
ACC	acc23	11.8		-5.9	3.7	6.2	7.3	4.8	-10.3	-51.2
ACC	acc24	11.9		-5.9	3.8	6.3	7.4	4.9	-10.1	-50.7
ACC	acc25	12		-5.8	3.9	6.4	7.5	5	-9.9	-50.2
ACC	acc26	12.1		-5.7	3.9	6.5	7.5	5.1	-9.8	-49.8
ACC	acc27	12.1		-5.6	4	6.5	7.6	5.1	-9.9	-49.9
ACC	acc28	11.8		-5.6	4	6.4	7.1	4.2	-11.4	-52.2
ACC	acc29	11.8		-6	3.7	6.2	7.2	4.7	-10.4	-51.6
ACC	acc30	11.7		-5.9	3.7	6.2	7.2	4.5	-11	-52.5
ACC	acc31	11.6		-5.9	3.8	6.2	7.1	4.1	-11.7	-53.6
ACC	acc32	12		-5.8	3.9	6.4	7.5	5.1	-9.9	-50.1
ACC	acc33	12.1		-5.7	4	6.5	7.6	5.1	-9.7	-49.7
ACC	acc34	12.2		-5.6	4	6.6	7.6	5.1	-9.8	-49.8
ACC	acc35	11.7		-5.6	4	6.3	7.1	4.1	-11.5	-52.4
ACC	acc36	11.8		-6	3.7	6.2	7.2	4.7	-10.4	-51.5
ACC	acc37	11.9		-5.9	3.7	6.3	7.3	4.8	-10.2	-51
ACC	acc38	12		-5.8	3.8	6.4	7.4	5	-10	-50.5
ACC	acc39	12.1		-5.8	3.9	6.4	7.5	5.1	-9.8	-50
ACC	acc40	12.2		-5.7	4	6.5	7.6	5.2	-9.7	-49.6
ACC	acc41	12.2		-5.6	4	6.6	7.6	5.1	-9.8	-49.7
ACC	acc42	5.5		-7.3	0.9	1	-1.6	-7.8	-25.8	-68.2
East Louver	elouv	21.8		17.9	17.7	14.3	4.5	-5.7	-17.6	-47.2
Fin Fan Cooler Cell	ffc1	14.3	-11.1	6	6.7	7.3	9.5	5.3	-5.8	-40.1
Fin Fan Cooler Cell	ffc2	14.3	-11	6	6.7	7.4	9.6	5.4	-5.7	-39.9
Fin Fan Cooler Cell	ffc3	14.3	-11	6.1	6.8	7.4	9.6	5.4	-5.7	-39.7
Fin Fan Cooler Cell	ffc4	14.4	-11	6.1	6.8	7.4	9.6	5.4	-5.6	-39.5
Fin Fan Cooler Cell	ffc5	14.4	-10.9	6.1	6.8	7.5	9.7	5.5	-5.5	-39.4
Fin Fan Cooler Cell	ffc6	14.4	-10.9	6.2	6.9	7.5	9.7	5.5	-5.5	-39.2
Fin Fan Cooler Cell	ffc7	14.5	-10.9	6.2	6.9	7.5	9.7	5.6	-5.4	-39.1
Fin Fan Cooler Cell	ffc8	14.3	-11.1	6	6.7	7.3	9.5	5.3	-5.8	-40.1
Fin Fan Cooler Cell	ffc8	14.3	-11	6	6.7	7.4	9.5	5.3	-5.8	-40
Fin Fan Cooler Cell	ffc10	14.3	-11	6.1	6.8	7.4	9.6	5.4	-5.7	-39.8
Fin Fan Cooler Cell	ffc11	14.4	-11	6.1	6.8	7.4	9.6	5.4	-5.6	-39.6
Fin Fan Cooler Cell	ffc12	14.4	-11	6.1	6.8	7.5	9.6	5.5	-5.6	-39.5
Fin Fan Cooler Cell	ffc13	14.4	-10.9	6.1	6.9	7.5	9.7	5.5	-5.5	-39.3
Fin Fan Cooler Cell	ffc14	14.5	-10.9	6.2	6.9	7.5	9.7	5.6	-5.4	-39.1
gt exhaust vent	gtex1	-0.5	-27.1	-9	-7.3	-4.7	-9.5	-9.7	-16.9	-50.2
gt exhaust vent	gtex2	-0.5	-27.1	-9	-7.3	-4.7	-9.5	-9.7	-16.8	-50.2
gt inlet vent	gtin1	-3.3	-29	-10	-11.3	-8.6	-11.5	-12.7	-14.8	-45.9
gt inlet vent	gtin2	-3.3	-29.1	-10	-11.3	-8.7	-11.5	-12.7	-14.8	-46.1
Main Transformer 1	mntxfr1	14.3		-8.7	1	11.7	9.9	-0.2	-12	-49.2
Main Transformer 2	mntxfr2	14.2		-8.7	1	11.6	9.8	-0.3	-12.2	-49.6
North Louver	nlouv	21.4		17.6	17.3	13.9	4.1	-6.2	-18.4	-49
roof fan	rf1	17.3	-8.3	2.8	9.4	13	12.2	7.9	-4.5	-41.6
roof fan	rf2	17.3	-8.3	2.7	9.4	13	12.1	7.9	-4.5	-41.9
roof fan	rf3	17.3	-8.4	2.7	9.4	13	12.1	7.8	-4.6	-41.9
roof fan	rf4	17.2	-8.4	2.7	9.4	13	12.1	7.8	-4.7	-42.2
roof fan	rf5	17.8	-7.9	3.1	9.9	13.5	12.7	8.5	-3.5	-39.3
roof fan	rf6	17.8	-8	3.1	9.8	13.5	12.6	8.5	-3.6	-39.5
roof fan	rf7	17.7	-8	3.1	9.8	13.4	12.6	8.4	-3.6	-39.6
roof fan	rf8	17.7	-8	3.1	9.8	13.4	12.6	8.4	-3.7	-39.8
South Louver	slouv	4.6		3	-1.7	-6.6	-16.5	-26.8	-39.2	-70.7
Stack Exit 1	stkexit1	17.7	15.6	10.6	9.3	-2.1	-3	-0.3	0.2	-17.4
Stack Exit 2	stkexit2	17.7	15.5	10.6	9.3	-2.2	-3.1	-0.4	0.1	-17.8
Stack Wall Breakout	stkwallbrk	5.9		-5.8	-4	2.9	-5.4	0	-25.6	-76.3
Stack Wall Breakout	stkwallbrk	5.9		-5.8	-4	2.9	-5.4	0	-25.6	-76.4
Steam Turbine Transformer	sttxfr	13.9		-9	0.7	11.3	9.4	-0.8	-13	-51.4
STG Building East Wall	stgbldgew	23.1		21.3	17	11.6	1.7	-10.5	-29.8	-73.4
STG Building South Wall	stgbldgsw	12.2		11.4	3.6	-4.3	-15.6	-28.6	-48.3	
STG Building West Wall	stgbldgww	11		10.1	3.1	-4.5	-16.1	-29.6	-49.9	
Turbine Air Inlet	AirInlet	17.9	0.2	8.2	15	12.6	0.8	5.7	-9.3	-31.7
Turbine Air Inlet	AirInlet	17.9	0.1	8.2	14.9	12.5	0.7	5.6	-9.4	-32.1
turbine building east wall	tbldgew	25.4		23.6	19.3	14	4.2	-8	-26.9	-69.5
turbine building north wall	tbldgnw	25.7		24	19.7	14.3	4.5	-7.7	-26.9	-70.3
turbine building south wall	tbldgsw	9.4		8.6	1.3	-6.9	-17.9	-30.4	-49.6	
turbine building west wall	tbldgww	11.4		10.5	3.3	-4.3	-15.6	-28.7	-48.5	
West Louver	wlouv	2.1		-0.3	-3.4	-6.8	-16.7	-27	-39.5	-71.2

CPV Valley Energy Project  
 CadnaA Detailed Model Output By Receiver  
 Partial Level  
 Bates Gates Road

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)							
			31.5	63	125	250	500	1000	2000	4000
ACC	acc1	13.6		-4.6	5.2	7.8	9.1	7	-6.8	-42.5
ACC	acc2	13.7		-4.5	5.2	7.9	9.2	7.1	-6.6	-42
ACC	acc3	13.8		-4.4	5.3	8	9.3	7.2	-6.4	-41.5
ACC	acc4	13.9		-4.3	5.4	8.1	9.4	7.4	-6.1	-41
ACC	acc5	14		-4.2	5.5	8.2	9.5	7.5	-5.9	-40.5
ACC	acc6	14.2		-4.1	5.6	8.3	9.6	7.6	-5.7	-40
ACC	acc7	14.3		-4	5.7	8.4	9.7	7.8	-5.5	-39.5
ACC	acc8	13.6		-4.6	5.1	7.8	9	6.9	-6.8	-42.7
ACC	acc9	13.7		-4.5	5.2	7.9	9.1	7.1	-6.6	-42.2
ACC	acc10	13.8		-4.4	5.3	8	9.2	7.2	-6.4	-41.7
ACC	acc11	13.9		-4.3	5.4	8.1	9.4	7.3	-6.2	-41.2
ACC	acc12	14		-4.2	5.5	8.2	9.5	7.5	-6	-40.6
ACC	acc13	14.1		-4.1	5.6	8.3	9.6	7.6	-5.8	-40.1
ACC	acc14	14.2		-4.1	5.7	8.4	9.7	7.7	-5.6	-39.6
ACC	acc15	13.5		-4.6	5.1	7.8	9	6.9	-6.9	-42.8
ACC	acc16	13.7		-4.5	5.2	7.9	9.1	7	-6.7	-42.3
ACC	acc17	13.8		-4.4	5.3	8	9.2	7.2	-6.5	-41.8
ACC	acc18	13.9		-4.3	5.4	8.1	9.3	7.3	-6.3	-41.3
ACC	acc19	14		-4.3	5.5	8.2	9.4	7.4	-6.1	-40.8
ACC	acc20	14		-4.2	5.6	8.2	9.5	7.4	-6.2	-41
ACC	acc21	13.6		-4.1	5.5	8.1	9	6.4	-7.9	-43.5
ACC	acc22	13.5		-4.6	5.1	7.7	9	6.9	-6.9	-42.9
ACC	acc23	13.6		-4.5	5.2	7.8	9.1	7	-6.7	-42.4
ACC	acc24	13.7		-4.5	5.3	7.9	9.2	7.1	-6.5	-41.9
ACC	acc25	13.8		-4.4	5.4	8	9.3	7.2	-6.3	-41.5
ACC	acc26	13.9		-4.3	5.4	8.1	9.4	7.3	-6.2	-41.1
ACC	acc27	14		-4.2	5.5	8.2	9.4	7.3	-6.3	-41.2
ACC	acc28	6.6		-6.2	1.9	2	-0.5	-6.4	-23.2	-60.2
ACC	acc29	13.5		-4.7	5.1	7.7	8.9	6.8	-7	-43.1
ACC	acc30	13.6		-4.6	5.1	7.8	9	6.9	-6.8	-42.6
ACC	acc31	13.7		-4.5	5.2	7.9	9.1	7.1	-6.6	-42.1
ACC	acc32	12.5		-4.5	5.1	7.4	7.8	4.1	-11.6	-49.3
ACC	acc33	13.9		-4.3	5.4	8.1	9.3	7.3	-6.3	-41.3
ACC	acc34	13.9		-4.2	5.5	8.1	9.3	7.2	-6.5	-41.5
ACC	acc35	13.3		-4.2	5.4	7.8	8.7	6	-8.6	-44.6
ACC	acc36	13.4		-4.7	5	7.7	8.8	6.6	-7.6	-44.2
ACC	acc37	13.6		-4.6	5.1	7.8	9	6.9	-6.9	-42.8
ACC	acc38	13.7		-4.5	5.2	7.9	9.1	7	-6.7	-42.3
ACC	acc39	13.8		-4.4	5.3	8	9.2	7.2	-6.5	-41.8
ACC	acc40	13.9		-4.3	5.4	8.1	9.3	7.2	-6.3	-41.4
ACC	acc41	13.9		-4.3	5.4	8.1	9.3	7.2	-6.6	-41.7
ACC	acc42	13.2		-4.3	5.3	7.8	8.6	5.9	-8.8	-44.9
East Louver	elouv	23.9		19.7	19.7	17	8.8	1.4	-9.3	-34
Fin Fan Cooler Cell	ffc1	18.3	-9.3	7.9	8.9	10.2	13.7	12.6	3	-25.7
Fin Fan Cooler Cell	ffc2	18.4	-9.2	8	8.9	10.2	13.7	12.7	3	-25.5
Fin Fan Cooler Cell	ffc3	18.4	-9.2	8	9	10.2	13.7	12.7	3.1	-25.3
Fin Fan Cooler Cell	ffc4	18.4	-9.2	8	9	10.3	13.7	12.8	3.2	-25.2
Fin Fan Cooler Cell	ffc5	18.5	-9.2	8.1	9	10.3	13.8	12.8	3.3	-25
Fin Fan Cooler Cell	ffc6	18.5	-9.1	8.1	9.1	10.3	13.8	12.9	3.3	-24.8
Fin Fan Cooler Cell	ffc7	18.6	-9.1	8.1	9.1	10.4	13.8	12.9	3.4	-24.6
Fin Fan Cooler Cell	ffc8	18.3	-9.3	7.9	8.9	10.2	13.7	12.7	3	-25.6
Fin Fan Cooler Cell	ffc8	18.4	-9.2	8	9	10.2	13.7	12.7	3.1	-25.4
Fin Fan Cooler Cell	ffc10	18.4	-9.2	8	9	10.2	13.7	12.8	3.1	-25.3
Fin Fan Cooler Cell	ffc11	18.4	-9.2	8	9	10.3	13.7	12.8	3.2	-25.1
Fin Fan Cooler Cell	ffc12	18.5	-9.1	8.1	9	10.3	13.8	12.9	3.3	-24.9
Fin Fan Cooler Cell	ffc13	18.5	-9.1	8.1	9.1	10.3	13.8	12.9	3.4	-24.7
Fin Fan Cooler Cell	ffc14	18.6	-9.1	8.1	9.1	10.4	13.9	13	3.4	-24.6
gt exhaust vent	gtex1	1.3	-25.6	-7.6	-5.8	-3	-7.7	-7.5	-13.4	-41.8
gt exhaust vent	gtex2	1.6	-25.5	-7.4	-5.6	-2.8	-7.3	-6.9	-12.2	-39.2
gt inlet vent	gtin1	-1.5	-27.7	-8.6	-9.8	-7.1	-9.7	-10.6	-11.5	-38.1
gt inlet vent	gtin2	-1.3	-27.6	-8.5	-9.7	-6.9	-9.5	-10.3	-11	-36.9
Main Transformer 1	mntxfr1	17.9		-7	3	14.4	14.3	6.7	-4	-36.6
Main Transformer 2	mntxfr2	18		-6.9	3.1	14.5	14.3	6.8	-3.8	-36
North Louver	nlouv	4.3		2	-1.6	-4.8	-14.5	-24.4	-35.4	-61.6
roof fan	rf1	18.9	-7	4.1	10.8	14.6	13.9	9.9	-1.3	-33.9
roof fan	rf2	19	-7	4.1	10.9	14.6	13.9	10	-1.1	-33.6
roof fan	rf3	19	-6.9	4.2	10.9	14.7	14	10.1	-1	-33.4
roof fan	rf4	19.2	-6.9	4.2	11	14.7	14.1	10.3	-0.6	-32.4
roof fan	rf5	19.5	-6.6	4.5	11.3	15	14.4	10.6	-0.2	-31.5
roof fan	rf6	19.5	-6.5	4.6	11.4	15.1	14.5	10.7	-0.1	-31.1
roof fan	rf7	19.6	-6.5	4.6	11.4	15.2	14.5	10.8	0	-30.8
roof fan	rf8	19.7	-6.4	4.7	11.5	15.3	14.7	10.9	0.3	-30.3
South Louver	slouv	23.6		19.4	19.4	16.8	8.5	1	-9.8	-35
Stack Exit 1	stkexit1	19.2	16.9	12	10.7	-0.5	-1.2	1.8	3.5	-9.4
Stack Exit 2	stkexit2	19.2	17	12.1	10.8	-0.5	-1.1	1.9	3.7	-8.9
Stack Wall Breakout	stkwallbrk	8.7		-4.3	-2.3	5	-2.4	4.3	-19.6	-65.1
Stack Wall Breakout	stkwallbrk	9.3		-4.2	-2.1	5.7	-1.5	5	-18.9	-64.3
Steam Turbine Transformer	sttxfr	17.8		-7	3	14.4	14.1	6.7	-3.9	-36.3
STG Building East Wall	stgbldgew	27.4		26	20.4	16	8.4	-2.4	-20	-57.7
STG Building South Wall	stgbldgsw	26.3		24.3	20.5	16.1	8.5	-2.5	-20.3	-58.6
STG Building West Wall	stgbldgww	13		12	5.3	-1.8	-12.6	-25.2	-43.7	-83.2
Turbine Air Inlet	AirInlet	21.5	1.8	10.2	17.5	16.8	7.3	12.5	-1.2	-19
Turbine Air Inlet	AirInlet	21.6	1.9	10.3	17.6	16.9	7.5	12.7	-1	-18.5
turbine building east wall	tbldgew	28.7		27.1	22.1	17.8	10.1	-0.9	-18.4	-56.1
turbine building north wall	tbldgnw	13.4		12.7	4.8	-2.8	-13.5	-25.8	-44	-82.9
turbine building south wall	tbldgsw	23.7		22.1	17.1	12.8	5	-5.9	-23.5	-61.1
turbine building west wall	tbldgww	13		12.1	4.8	-2.8	-13.9	-26.5	-45	-84.8
West Louver	wlouv	3.4		0.9	-1.9	-5.2	-14.8	-24.8	-36	-62.7

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Levels  
Deblock Road

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	24.5		1.6	12	16	20.8	19.8	9.9	-11.1	-74.6
ACC	acc2	24.6		1.7	12	16.2	20.8	19.9	10	-10.9	-74.1
ACC	acc3	24.7		1.8	12.1	16.3	20.9	19.9	10.1	-10.8	-73.7
ACC	acc4	24.7		1.8	12.3	16.6	20.9	20	10.1	-10.6	-73.3
ACC	acc5	24.8		1.9	12.4	16.8	21	20	10.2	-10.5	-73
ACC	acc6	24.9		2	12.5	17.1	21	20.1	10.3	-10.4	-72.6
ACC	acc7	25		2.1	12.6	17.4	21.1	20.1	10.3	-10.3	-72.3
ACC	acc8	24.3		1.5	11.8	15.8	20.6	19.6	9.6	-11.7	-76.4
ACC	acc9	24.4		1.5	11.9	16	20.7	19.7	9.7	-11.5	-75.9
ACC	acc10	24.5		1.6	12	16.2	20.7	19.7	9.8	-11.4	-75.4
ACC	acc11	24.5		1.7	12.1	16.4	20.7	19.8	9.8	-11.2	-75.1
ACC	acc12	24.6		1.7	12.2	16.6	20.8	19.8	9.9	-11.1	-74.7
ACC	acc13	24.7		1.8	12.3	16.9	20.8	19.8	10	-11	-74.4
ACC	acc14	24.8		1.9	12.4	17.2	20.9	19.9	10	-10.9	-74.1
ACC	acc15	24.1		1.3	11.6	15.7	20.4	19.4	9.3	-12.3	-78
ACC	acc16	24.2		1.4	11.7	15.9	20.5	19.4	9.4	-12.1	-77.6
ACC	acc17	24.3		1.4	11.8	16	20.5	19.5	9.5	-12	-77.2
ACC	acc18	24.3		1.5	11.9	16.3	20.6	19.5	9.5	-11.8	-76.8
ACC	acc19	24.4		1.6	12	16.5	20.6	19.6	9.6	-11.7	-76.4
ACC	acc20	24.5		1.6	12.1	16.7	20.6	19.6	9.7	-11.6	-76.1
ACC	acc21	24.6		1.7	12.3	17	20.7	19.7	9.7	-11.5	-75.8
ACC	acc22	23.9		1.2	11.5	15.6	20.2	19.2	9	-12.8	-79.7
ACC	acc23	24		1.2	11.6	15.7	20.3	19.2	9.1	-12.7	-79.3
ACC	acc24	24.1		1.3	11.7	15.9	20.3	19.3	9.2	-12.6	-78.9
ACC	acc25	24.1		1.4	11.8	16.1	20.4	19.3	9.3	-12.4	-78.5
ACC	acc26	24.2		1.4	11.9	16.3	20.4	19.4	9.3	-12.3	-78.1
ACC	acc27	24.3		1.5	12	16.6	20.4	19.4	9.4	-12.2	-77.8
ACC	acc28	24.4		1.5	12.1	16.9	20.5	19.5	9.4	-12.1	-77.5
ACC	acc29	23.8		1	11.3	15.4	20.1	19	8.8	-13.4	-81.4
ACC	acc30	23.8		1.1	11.4	15.6	20.1	19	8.8	-13.3	-80.9
ACC	acc31	23.9		1.1	11.5	15.7	20.1	19.1	8.9	-13.1	-80.5
ACC	acc32	24		1.2	11.6	15.9	20.2	19.1	9	-13	-80.2
ACC	acc33	24		1.3	11.7	16.1	20.2	19.2	9	-12.9	-79.8
ACC	acc34	24.1		1.3	11.8	16.4	20.2	19.2	9.1	-12.8	-79.6
ACC	acc35	24.2		1.4	11.9	16.7	20.3	19.2	9.1	-12.7	-79.2
ACC	acc36	23.6		0.9	11.2	15.2	19.9	18.8	8.5	-14	-83.1
ACC	acc37	23.6		0.9	11.3	15.4	19.9	18.8	8.6	-13.9	-82.6
ACC	acc38	23.7		1	11.3	15.6	20	18.9	8.6	-13.7	-82.2
ACC	acc39	23.8		1	11.4	15.8	20	18.9	8.7	-13.6	-81.9
ACC	acc40	23.8		1.1	11.5	16	20	19	8.7	-13.5	-81.6
ACC	acc41	23.9		1.2	11.6	16.2	20.1	19	8.8	-13.4	-81.3
ACC	acc42	24		1.2	11.7	16.5	20.1	19	8.8	-13.3	-80.9
East Louver	elouv	29.2		26.4	23.6	21.3	13.7	6.2	-1.9	-16.6	-79.6
Fin Fan Cooler Cell	ffc1	26.1	-2.1	15.1	16.2	17.6	21.2	20.4	14.8	-2.8	-65
Fin Fan Cooler Cell	ffc2	26.1	-2.1	15.1	16.2	17.6	21.2	20.4	14.8	-2.8	-65
Fin Fan Cooler Cell	ffc3	26.1	-2.1	15.2	16.2	17.6	21.2	20.5	14.8	-2.8	-65
Fin Fan Cooler Cell	ffc4	26.1	-2.1	15.2	16.2	17.6	21.2	20.5	14.8	-2.8	-65
Fin Fan Cooler Cell	ffc5	23.7	-4.5	12.7	13.8	15.2	18.8	18	12.4	-5.1	-66.7
Fin Fan Cooler Cell	ffc6	23.7	-4.5	12.7	13.8	15.2	18.8	18.2	12.4	-5.1	-66.7
Fin Fan Cooler Cell	ffc7	23.8	-4.5	12.7	13.8	15.2	18.9	18.4	12.4	-5.1	-66.7
Fin Fan Cooler Cell	ffc8	26.1	-2.1	15.2	16.2	17.6	21.2	20.3	14.8	-2.8	-64.6
Fin Fan Cooler Cell	ffc8	26.1	-2.1	15.2	16.2	17.6	21.2	20.4	14.8	-2.8	-64.6
Fin Fan Cooler Cell	ffc10	26.1	-2.1	15.2	16.2	17.6	21.2	20.4	14.8	-2.8	-64.6
Fin Fan Cooler Cell	ffc11	26.1	-2.1	15.2	16.2	17.7	21.2	20.5	14.8	-2.8	-64.6
Fin Fan Cooler Cell	ffc12	23.7	-4.4	12.8	13.9	15.3	18.9	18	12.6	-4.8	-65.9
Fin Fan Cooler Cell	ffc13	23.8	-4.4	12.8	13.9	15.3	18.9	18.2	12.6	-4.8	-65.9
Fin Fan Cooler Cell	ffc14	23.9	-4.4	12.8	13.9	15.3	19	18.4	12.6	-4.8	-65.9
gt exhaust vent	gtex1	6.4	-21.3	-3.2	-1.3	1.7	-2.5	-1.5	-4.7	-22.5	-80.1
gt exhaust vent	gtex2	9.2	-20.7	-2.5	-0.4	3.2	0.1	3.9	1	-15.8	-69.9
gt inlet vent	gtin1	3.7	-23.6	-4.4	-5.6	-2.5	-4.8	-4.9	-3.1	-19.4	-77.7
gt inlet vent	gtin2	4.3	-23.1	-4	-5.1	-2	-4.2	-4.2	-2.2	-17.6	-72.5
Main Transformer 1	mntxfr1	22.6		-3.1	7	18.7	19.2	11.9	3.7	-19.6	
Main Transformer 2	mntxfr2	23		-2.7	7.5	19.2	19.6	12.6	4.6	-17.8	
North Louver	nlouv	15		13.9	6.8	2.7	-7	-17.1	-26.1	-42	
roof fan	rf1	24.1	-2.6	8.5	15.4	19.4	19.1	16.1	7.8	-13.6	-76.4
roof fan	rf2	24.4	-2.4	8.8	15.6	19.7	19.4	16.4	8.3	-12.6	-73.6
roof fan	rf3	24.7	-2.2	8.9	15.9	19.9	19.8	16.9	9.1	-10.8	-68.9
roof fan	rf4	26.8	-1.9	9.3	16.4	20.9	21.6	21.2	13.8	-6.4	-64.5
roof fan	rf5	24.2	-2.6	8.5	15.4	19.4	19.2	16.1	7.9	-13.5	-76
roof fan	rf6	24.5	-2.3	8.8	15.7	19.8	19.5	16.5	8.4	-12.4	-72.9
roof fan	rf7	24.7	-2.1	9	15.9	20	19.7	16.7	8.7	-11.7	-70.9
roof fan	rf8	25.2	-1.8	9.4	16.3	20.4	20.3	17.4	9.9	-9.3	-64.5
South Louver	slouv	31.9	-87.6	27.6	27.7	25	16.5	9.2	3.8	-8.4	-62.7
Stack Exit 1	stkexit1	24.3	21.5	16.6	15.5	4.5	4.3	8.2	13	11.8	-75
Stack Exit 2	stkexit2	24.9	22	17.1	16	5.1	4.8	8.8	13.9	13.6	-70
Stack Wall Breakout	stkwallbrk	17.6		7.5	7	13.9	6.5	12.6	-9.3	-43.9	
Stack Wall Breakout	stkwallbrk	20.2		8.9	8.7	16.4	9.3	15.8	-5.7	-39.3	
Steam Turbine Transformer	sttxfr	25.7		0.3	10.4	22	22	15.7	8	-13.3	-80.3
STG Building East Wall	stgbldgew	34.3		32.5	27.9	24.2	16.5	6.4	-8.1	-34.5	
STG Building South Wall	stgbldgsw	32		29.9	26.2	22.4	14.7	4.7	-9.3	-34.5	-85.8
STG Building West Wall	stgbldgww	32.2		31.5	26.3	16.3	7.1	-5.7	-22.4	-50.4	
Turbine Air Inlet	AirInlet	25.9	10.1	18.1	22.5	19.8	9.4	15	3.6	-4.9	-66.3
Turbine Air Inlet	AirInlet	27.4	6.3	14.9	22.8	23.4	12.6	18.6	7.6	0.3	-57.5
turbine building east wall	tbldgew	34		33.2	25.1	20.2	12.7	1.8	-13.5	-41.5	
turbine building north wall	tbldgnw	21.5		21	11.2	3.9	-6.3	-18.6	-34.6	-63.6	
turbine building south wall	tbldgsw	28.5		26.6	22.1	18.5	10.6	0.4	-14.3	-40.9	
turbine building west wall	tbldgww	31.1		30.6	20.7	13.7	3.9	-9.5	-27	-57	
West Louver	wlouv	24.6		23.7	16	11.4	1.7	-9.8	-20.3	-37	

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Levels  
Horizon Apts

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	17.3		0.3	8.6	11.2	12.6	11	-0.8	-28.6	
ACC	acc2	17.2		-0.2	8.5	11.1	12.6	11	-0.9	-28.6	
ACC	acc3	17.1		-0.6	8.4	11.1	12.5	10.8	-1.1	-28.9	
ACC	acc4	17		-0.8	8.4	11.1	12.4	10.5	-1.7	-29.7	
ACC	acc5	13		-1.5	7.1	8.5	7.2	2.4	-12.1	-41.6	
ACC	acc6	15.8		-1.5	8	10.4	11.1	8.4	-4.8	-33.2	
ACC	acc7	14.5		-1.8	7.4	9.4	9.5	6.1	-7.5	-36	
ACC	acc8	17.8		1.8	9.4	11.7	13.1	11.5	-0.4	-28	
ACC	acc9	16.3		0.8	8.7	10.9	11.6	8.5	-5.6	-35.4	
ACC	acc10	17.4		0.1	8.7	11.3	12.8	11.1	-0.7	-28.1	
ACC	acc11	17.2		-0.3	8.6	11.3	12.6	10.8	-1.2	-28.8	
ACC	acc12	16.9		-0.6	8.5	11.1	12.3	10.2	-2.2	-30.2	
ACC	acc13	16.2		-0.8	8.3	10.7	11.5	8.9	-4	-32.3	
ACC	acc14	10.1		-2.5	5.1	5.4	3.5	-1.7	-16.4	-44.4	
ACC	acc15	19.9		3.1	10.7	13.2	15.1	14.6	3	-24.6	
ACC	acc16	18.4		2.5	10	12.2	13.6	12.1	0.2	-27.1	
ACC	acc17	16		1.3	9	10.9	11	7.4	-6.7	-36.2	
ACC	acc18	17.5		0.5	9	11.5	12.9	11.2	-0.7	-28.1	
ACC	acc19	17.1		-0.1	8.8	11.3	12.5	10.5	-1.8	-29.5	
ACC	acc20	16.5		-0.5	8.5	10.9	11.8	9.3	-3.5	-31.5	
ACC	acc21	15		-1	7.9	9.8	10	6.8	-6.6	-34.8	
ACC	acc22	21.7		6.2	12.1	13.9	16.6	17.3	6.1	-20.9	
ACC	acc23	21.8		6.3	12.2	14.1	16.7	17.4	6.3	-20.4	
ACC	acc24	19.6		3.3	10.8	13.2	14.9	13.8	1.8	-25.7	
ACC	acc25	18.2		2.2	9.9	12.1	13.4	11.7	-0.2	-27.3	
ACC	acc26	14		0.6	8.1	9.2	8.1	3.9	-10.3	-39.3	
ACC	acc27	16.8		0.2	8.8	11.2	12.1	9.7	-3	-30.8	
ACC	acc28	15.3		-0.5	8.1	10.1	10.3	7.1	-6.2	-34.2	
ACC	acc29	21.8		6.3	12.1	14	16.7	17.3	6.2	-20.6	
ACC	acc30	21.9		6.4	12.3	14.1	16.8	17.5	6.5	-20.1	
ACC	acc31	22		6.5	12.4	14.2	16.9	17.6	6.7	-19.6	
ACC	acc32	22.2		6.6	12.5	14.4	17	17.8	6.9	-19.1	
ACC	acc33	18.9		3.2	10.7	12.9	14.1	12.4	0.1	-27.2	
ACC	acc34	17.4		1.7	9.6	11.7	12.6	10.3	-2.4	-29.9	
ACC	acc35	11.3		-1	5.9	6.4	5.1	0.4	-14.3	-42.3	
ACC	acc36	21.8		6.3	12.2	14.1	16.7	17.4	6.4	-20.3	
ACC	acc37	22		6.4	12.3	14.2	16.9	17.6	6.6	-19.8	
ACC	acc38	22.1		6.5	12.4	14.3	17	17.7	6.8	-19.3	
ACC	acc39	22.3		6.7	12.6	14.4	17.1	17.9	7	-18.9	
ACC	acc40	22.4		6.8	12.7	14.6	17.3	18	7.2	-18.4	
ACC	acc41	22.5		6.9	12.8	14.7	17.4	18.2	7.5	-17.9	
ACC	acc42	16.8		2.4	9.9	11.4	11.6	8.6	-4.7	-32.4	
East Louver	elouv	36.8	-79.7	35.4	29.3	25.9	18.1	11.1	3	-12.8	-80.2
Fin Fan Cooler Cell	ffc1	17.4	-1.6	14.9	7.8	6.1	9.5	6.1	-3.8	-27.3	
Fin Fan Cooler Cell	ffc2	20.7	-1.5	15.6	10.2	10	15.1	13.7	5.6	-16.4	
Fin Fan Cooler Cell	ffc3	26.1	4	21.1	15	14.8	20.4	19.4	12.1	-8.6	-82.1
Fin Fan Cooler Cell	ffc4	26.1	4	21.2	15	14.9	20.4	19.5	12.2	-8.5	-81.7
Fin Fan Cooler Cell	ffc5	26.2	4.1	21.2	15.1	14.9	20.5	19.5	12.3	-8.3	-81.3
Fin Fan Cooler Cell	ffc6	26.2	4.1	21.2	15.1	14.9	20.5	19.6	12.3	-8.2	-80.8
Fin Fan Cooler Cell	ffc7	28.7	6.6	23.7	17.6	17.4	23	22.1	14.8	-5.8	-78.7
Fin Fan Cooler Cell	ffc8	26	3.9	21	14.8	14.7	20.3	19.3	11.9	-9.1	-83.5
Fin Fan Cooler Cell	ffc8	26	3.9	21.1	14.9	14.8	20.3	19.3	12	-8.9	-83.1
Fin Fan Cooler Cell	ffc10	26	3.9	21.1	14.9	14.8	20.3	19.4	12	-8.8	-82.7
Fin Fan Cooler Cell	ffc11	26.1	4	21.1	15	14.8	20.4	19.4	12.1	-8.6	-82.2
Fin Fan Cooler Cell	ffc12	26.1	4	21.1	15	14.9	20.4	19.5	12.2	-8.5	-81.8
Fin Fan Cooler Cell	ffc13	26.2	4.1	21.2	15.1	14.9	20.5	19.5	12.2	-8.3	-81.4
Fin Fan Cooler Cell	ffc14	26.2	4.1	21.2	15.1	14.9	20.5	19.6	12.3	-8.2	-80.9
gt exhaust vent	gtex1	5.4	-22.1	-4	-2.1	0.9	-3.4	-2.6	-6.1	-25.6	
gt exhaust vent	gtex2	5.1	-22.4	-4.2	-2.4	0.6	-3.7	-2.9	-6.6	-26.5	
gt inlet vent	gtin1	3.2	-24	-4.9	-6	-3	-5.3	-5.4	-3.9	-21	-82.4
gt inlet vent	gtin2	2.9	-24.2	-5.1	-6.2	-3.2	-5.5	-5.7	-4.3	-21.9	-84.9
Main Transformer 1	mntxfr1	27.3		8.8	12.9	23.6	23.5	16.5	8.5	-14.9	
Main Transformer 2	mntxfr2	27		8.5	12.6	23.3	23.2	16.2	8.1	-15.9	
North Louver	nlouv	36.5	-80	35.1	28.9	25.5	17.7	10.7	2.5	-13.9	-83.3
roof fan	rf1	23.6	-3.4	7.8	14.7	18.7	18.6	15.8	8	-12.4	-80.5
roof fan	rf2	23.1	-3.5	7.6	14.5	18.4	18.1	14.9	6.1	-17.1	-86.7
roof fan	rf3	23	-3.6	7.5	14.4	18.4	18	14.8	6	-17.4	-87.5
roof fan	rf4	22.9	-3.7	7.4	14.3	18.2	17.9	14.6	5.7	-18	
roof fan	rf5	23.9	-2.8	8.3	15.2	19.2	18.9	15.8	7.4	-14.3	-78.4
roof fan	rf6	23.7	-3	8.2	15	19	18.8	15.6	7.2	-14.9	-80.1
roof fan	rf7	23.6	-3.1	8.1	14.9	18.9	18.6	15.5	7	-15.3	-81.3
roof fan	rf8	23.4	-3.2	7.9	14.8	18.8	18.5	15.3	6.7	-15.9	-83.1
South Louver	slouv	18.4		17.7	9	3.6	-6.8	-16.6	-27	-46.5	
Stack Exit 1	stkexit1	23	20.4	15.5	14.3	3.3	3	6.7	10.9	7.4	-88
Stack Exit 2	stkexit2	22.7	20.1	15.3	14.1	3.1	2.7	6.4	10.5	6.5	
Stack Wall Breakout	stkwallbrk	14.3		2.8	2.9	10	2.9	10.3	-11.5	-47.8	
Stack Wall Breakout	stkwallbrk	11.9		0.6	1.3	8.3	0.5	7.1	-15	-51.9	
Steam Turbine Transformer	sttxfr	26.2		7.9	11.8	22.6	22.4	15.3	6.8	-18.7	
STG Building East Wall	stgbldgew	34.6		34	24.8	18.6	10.4	1.3	-14.1	-44.7	
STG Building South Wall	stgbldgsw	22.3		21.9	11.1	2.9	-7.7	-19	-35.8	-67.6	
STG Building West Wall	stgbldgww	17		16.4	7.3	-0.3	-11.1	-23.1	-39.8	-71.8	
Turbine Air Inlet	AirInlet	30.7	15.6	23.7	26.9	23.7	13.5	21.5	10.5	2	-60.2
Turbine Air Inlet	AirInlet	30.4	15.3	23.5	26.6	23.4	13.2	21.1	10	0.9	-63.2
turbine building east wall	tbldgew	38.2		37.5	28.7	22.5	14.5	5.6	-9.5	-38.4	
turbine building north wall	tbldgnw	38.3		37.6	29.1	23	14.9	5.8	-9.4	-38.6	
turbine building south wall	tbldgsw	22.2		21.8	11	2.5	-7.8	-18.8	-35.3	-65.6	
turbine building west wall	tbldgww	20.6		20.2	10.1	2.3	-8.5	-20.3	-37	-68.2	
West Louver	wlouv	15.7		14.9	6.8	1.8	-8.3	-17.9	-27.6	-45.9	

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Level  
Pine Lane Industrial Park

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	32.4		15.2	22.7	23.5	26.7	28.4	20.9	7.9	-26.5
ACC	acc2	33.3		16.3	23.6	24.5	27.7	29.3	21.5	7.7	-28
ACC	acc3	31.8		14.7	22.1	23	26.1	27.8	20.2	6.7	-29.5
ACC	acc4	31.5		14.4	21.8	22.7	25.8	27.5	19.8	6.1	-31
ACC	acc5	32.9		15.9	23.2	24.2	27.3	28.9	20.9	6.4	-32.3
ACC	acc6	32.8		15.9	23.1	24.1	27.2	28.8	20.8	6.1	-33.8
ACC	acc7	32.7		15.8	23	24	27.1	28.7	20.7	5.8	-35
ACC	acc8	32.6		15.4	23	23.8	26.9	28.7	21.2	8.4	-25.3
ACC	acc9	33.5		16.5	23.8	24.7	27.9	29.5	21.8	8.2	-26.8
ACC	acc10	33.3		16.3	23.7	24.6	27.7	29.3	21.5	7.7	-28.4
ACC	acc11	33.2		16.2	23.5	24.4	27.6	29.2	21.3	7.2	-29.8
ACC	acc12	33.1		16.1	23.4	24.3	27.4	29	21.1	6.8	-31.4
ACC	acc13	31.1		14.1	21.4	22.3	25.5	27.1	19.3	5.3	-33.1
ACC	acc14	32.9		15.9	23.2	24.1	27.3	28.8	20.9	6.2	-34
ACC	acc15	32.9		15.6	23.2	24	27.2	28.9	21.5	8.9	-24.2
ACC	acc16	33.7		16.6	24	24.9	28	29.7	22	8.6	-25.7
ACC	acc17	33.5		16.5	23.9	24.7	27.9	29.5	21.8	8.1	-27.3
ACC	acc18	33.4		16.4	23.7	24.6	27.7	29.4	21.5	7.6	-28.9
ACC	acc19	33.2		16.2	23.5	24.5	27.6	29.2	21.4	7.2	-30.4
ACC	acc20	33.1		16.1	23.4	24.4	27.5	29.1	21.2	6.8	-31.8
ACC	acc21	33		16.1	23.3	24.3	27.4	29	21.1	6.5	-33.2
ACC	acc22	33.1		15.9	23.5	24.2	27.4	29.1	21.8	9.3	-23.1
ACC	acc23	32.8		15.5	23.1	23.9	27	28.8	21.4	8.7	-24.7
ACC	acc24	32.4		15.2	22.8	23.5	26.7	28.4	20.9	8	-26.3
ACC	acc25	33.5		16.5	23.9	24.8	27.9	29.5	21.8	8	-27.9
ACC	acc26	33.4		16.4	23.7	24.6	27.8	29.4	21.6	7.5	-29.4
ACC	acc27	33.3		16.3	23.6	24.5	27.6	29.3	21.4	7.1	-30.9
ACC	acc28	33.2		16.2	23.5	24.4	27.5	29.1	21.2	6.8	-32.3
ACC	acc29	33.3		16.1	23.7	24.4	27.6	29.4	22	9.8	-22
ACC	acc30	34.1		17	24.4	25.2	28.4	30.1	22.5	9.4	-23.7
ACC	acc31	33.9		16.8	24.2	25.1	28.2	29.9	22.2	8.9	-25.3
ACC	acc32	33.7		16.6	24	24.9	28	29.7	22	8.4	-27
ACC	acc33	32		14.8	22.3	23.1	26.3	28	20.4	7	-28.7
ACC	acc34	31.6		14.5	22	22.8	26	27.6	20	6.4	-30.4
ACC	acc35	33.3		16.3	23.6	24.5	27.7	29.3	21.4	7.1	-31.5
ACC	acc36	33.6		16.3	23.9	24.6	27.8	29.6	22.3	10.2	-21.1
ACC	acc37	33.2		15.9	23.5	24.2	27.4	29.2	21.8	9.5	-22.8
ACC	acc38	34		16.9	24.4	25.2	28.4	30	22.4	9.2	-24.4
ACC	acc39	33.8		16.8	24.2	25	28.2	29.9	22.2	8.7	-26.1
ACC	acc40	33.7		16.6	24	24.9	28	29.7	21.9	8.2	-27.7
ACC	acc41	33.5		16.5	23.9	24.8	27.9	29.5	21.8	7.8	-29.3
ACC	acc42	33.4		16.4	23.7	24.7	27.8	29.4	21.6	7.4	-30.8
East Louver	elouv	19.4		18.3	11.6	6.4	-3.2	-12.2	-19.6	-29.6	-74
Fin Fan Cooler Cell	ffc1	8	-9.6	4.3	-1.3	-1.9	1	-1.8	-7.9	-21.7	-69.4
Fin Fan Cooler Cell	ffc2	8.1	-9.3	4.6	-1.2	-1.9	1	-1.8	-8	-21.9	-70
Fin Fan Cooler Cell	ffc3	8.2	-9.1	4.8	-1.2	-1.9	1	-1.8	-8.1	-22.1	-70.5
Fin Fan Cooler Cell	ffc4	8.3	-9	4.9	-1.1	-1.9	1	-1.9	-8.2	-22.3	-71
Fin Fan Cooler Cell	ffc5	8.3	-9	5	-1	-2	1	-1.9	-8.2	-22.5	-71.5
Fin Fan Cooler Cell	ffc6	8.3	-8.9	5.1	-1	-2	0.9	-1.9	-8.3	-22.7	-72.1
Fin Fan Cooler Cell	ffc7	8.4	-8.8	5.2	-1	-2	0.9	-2	-8.4	-22.9	-72.6
Fin Fan Cooler Cell	ffc8	8	-9.5	4.4	-1.2	-1.9	1	-1.8	-8	-21.9	-69.8
Fin Fan Cooler Cell	ffc8	8.2	-9.1	4.7	-1.1	-1.9	1	-1.8	-8.1	-22.1	-70.3
Fin Fan Cooler Cell	ffc10	8.3	-8.9	5	-0.8	-1.9	1	-1.9	-8.1	-22.2	-70.8
Fin Fan Cooler Cell	ffc11	8.5	-8.6	5.2	-0.5	-2	1	-1.9	-8.2	-22.4	-71.4
Fin Fan Cooler Cell	ffc12	8.6	-8.4	5.4	-0.3	-2	0.9	-1.9	-8.3	-22.6	-71.9
Fin Fan Cooler Cell	ffc13	8.7	-8.3	5.6	-0.2	-2	0.9	-2	-8.4	-22.8	-72.4
Fin Fan Cooler Cell	ffc14	8.7	-8.2	5.6	-0.1	-2	0.9	-2	-8.4	-23	-73
gt exhaust vent	gtex1	10.9	-17.3	0.8	2.8	6	1.9	3.3	1.6	-10.4	-46.3
gt exhaust vent	gtex2	10.5	-17.7	0.5	2.4	5.6	1.6	2.9	1.2	-11.1	-48.3
gt inlet vent	gtin1	9.4	-17.2	1.2	-0.7	2.2	0.1	0.5	3.9	-5.8	-40.1
gt inlet vent	gtin2	8.7	-19.5	-0.4	-1.4	1.8	-0.3	0	3.3	-6.9	-42.6
Main Transformer 1	mntxfr1	13.8		0.2	3.2	11	8.6	-0.7	-9.6	-29.2	-85.3
Main Transformer 2	mntxfr2	6.8		-7.9	-4.9	3.9	2	-7	-14.6	-33	
North Louver	nlouv	38.2	-79.6	35.6	32.9	29.3	21	14	8.5	1.2	-37.6
roof fan	rf1	30.1	2.7	13.8	20.8	25	25.1	22.6	16.4	2.8	-31.4
roof fan	rf2	30.6	7.3	18.4	23.3	24.8	24.7	23.2	16.4	1.4	-35.1
roof fan	rf3	29.8	2.4	13.5	20.5	24.8	24.8	22.3	16.1	2.4	-32.6
roof fan	rf4	29.8	2.2	13.4	20.4	24.7	24.9	22.6	16.7	4	-29.4
roof fan	rf5	28.8	2.9	13.4	19.8	23.8	23.8	21.1	14.4	-0.8	-40.4
roof fan	rf6	28.4	1.7	12.7	19.4	23.5	23.4	20.6	13.6	-2.2	-43.2
roof fan	rf7	24.5	1.5	12	18	20.8	18.2	12	1.8	-16.7	-60
roof fan	rf8	28.1	1	12.2	19.1	23.2	23.1	20.4	13.4	-2.6	-44.8
South Louver	slouv	23.9		23	15.7	9.6	-0.5	-9.7	-17.8	-28.3	-72.7
Stack Exit 1	stkexit1	32.1	26.9	22.1	21.1	10.3	10.3	14.8	21.6	28.2	-30.2
Stack Exit 2	stkexit2	31.6	26.6	21.7	20.7	10	10	14.4	21.1	27.4	-32.3
Stack Wall Breakout	stkwallbrk	31.6		19.5	19.7	25.5	19.5	29.1	10.2	-16.1	-72.3
Stack Wall Breakout	stkwallbrk	31.2		19.1	19.2	25.1	19.1	28.6	9.6	-17.1	-74.5
Steam Turbine Transformer	sttxfr	5.7		-9.8	-6.4	2.8	1.2	-7.7	-15.1	-33.3	
STG Building East Wall	stgbldgew	21		20.4	11.5	4	-6	-17	-31.2	-54	
STG Building South Wall	stgbldgsw	27.5		27.1	17.1	8.3	-2.2	-13.4	-28.5	-51.8	
STG Building West Wall	stgbldgww	40.6		39.6	32.5	25.9	17.9	9.5	-3.5	-24.8	-61.5
Turbine Air Inlet	AirInlet	16.3	6	11.2	12.9	6.7	-5.6	0.3	-10.4	-13.5	-53.6
Turbine Air Inlet	AirInlet	13.4	3	7.9	10	4.3	-7.5	-1.4	-11.7	-14.7	-55.5
turbine building east wall	tbldgew	24.7		24.2	14.7	6.7	-3.1	-13.8	-27.9	-50.7	
turbine building north wall	tbldgnw	42.3		41.3	34.6	27.9	19.8	11.2	-1.8	-22.8	-59.3
turbine building south wall	tbldgsw	22.1		21.6	11.7	3.1	-7.2	-18.4	-33.2	-56.6	
turbine building west wall	tbldgww	42.2		41.2	34.2	27.4	19.4	10.9	-1.9	-22.3	-56.2
West Louver	wlouv	40.5	-76.8	38.4	34.6	30.7	22.8	16.3	10.7	3.3	-33.6

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Level  
Route 6 Residences

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	26.9		10.5	17.2	18.6	21.5	22.8	13.9	-4.7	-59.4
ACC	acc2	27.1		10.6	17.3	18.7	21.6	23	14	-4.4	-58.5
ACC	acc3	27.2		10.7	17.4	18.8	21.8	23.1	14.2	-4	-57.6
ACC	acc4	27.3		10.8	17.6	18.9	21.9	23.2	14.4	-3.7	-56.7
ACC	acc5	27.4		10.9	17.7	19	22	23.3	14.6	-3.4	-55.8
ACC	acc6	21.2		7.2	14.4	15.2	15.7	14.4	3.2	-17.2	-71.9
ACC	acc7	20.3		5.6	13.4	14.8	15.1	12.6	1.1	-19.3	-73.6
ACC	acc8	27.1		10.7	17.4	18.7	21.7	23	14.2	-4.1	-57.9
ACC	acc9	27.3		10.8	17.5	18.9	21.8	23.2	14.3	-3.8	-57
ACC	acc10	27.4		10.9	17.6	19	22	23.3	14.5	-3.4	-56
ACC	acc11	27.5		11	17.8	19.1	22.1	23.5	14.7	-3.1	-55.1
ACC	acc12	27.7		11.1	17.9	19.2	22.2	23.6	14.9	-2.8	-54.3
ACC	acc13	27.8		11.2	18	19.3	22.3	23.7	15	-2.5	-53.4
ACC	acc14	21.3		6.8	14.4	15.7	16.1	13.7	2.3	-17.8	-71.1
ACC	acc15	27.4		10.8	17.6	18.9	21.9	23.3	14.4	-3.6	-56.4
ACC	acc16	27.5		11	17.7	19.1	22	23.4	14.6	-3.2	-55.5
ACC	acc17	27.6		11.1	17.9	19.2	22.2	23.5	14.8	-2.9	-54.5
ACC	acc18	27.8		11.2	18	19.3	22.3	23.7	15	-2.6	-53.6
ACC	acc19	27.9		11.3	18.1	19.4	22.4	23.8	15.2	-2.2	-52.7
ACC	acc20	28		11.4	18.3	19.5	22.5	23.9	15.3	-1.9	-51.8
ACC	acc21	21		7.4	14.3	14.8	15.4	14.3	3.2	-16.5	-68.4
ACC	acc22	27.6		11	17.8	19.1	22.1	23.5	14.7	-3.1	-54.9
ACC	acc23	27.7		11.1	17.9	19.2	22.2	23.6	14.9	-2.7	-54
ACC	acc24	27.8		11.3	18.1	19.4	22.4	23.8	15.1	-2.3	-52.9
ACC	acc25	28		11.4	18.2	19.5	22.5	23.9	15.3	-2	-52
ACC	acc26	28.1		11.5	18.4	19.6	22.6	24	15.5	-1.7	-51.1
ACC	acc27	28.2		11.6	18.5	19.7	22.8	24.2	15.6	-1.3	-50.3
ACC	acc28	28.4		11.7	18.6	19.9	22.9	24.3	15.8	-1	-49.4
ACC	acc29	27.8		11.2	18	19.3	22.3	23.7	15	-2.5	-53.5
ACC	acc30	27.9		11.3	18.2	19.4	22.5	23.8	15.2	-2.1	-52.5
ACC	acc31	28.1		11.4	18.3	19.6	22.6	24	15.4	-1.8	-51.5
ACC	acc32	28.2		11.6	18.5	19.7	22.7	24.1	15.6	-1.4	-50.5
ACC	acc33	28.4		11.7	18.6	19.8	22.9	24.3	15.8	-1.1	-49.6
ACC	acc34	28.5		11.8	18.8	20	23	24.4	16	-0.7	-48.6
ACC	acc35	28.6		11.9	18.9	20.1	23.1	24.6	16.1	-0.4	-47.8
ACC	acc36	28		11.4	18.2	19.5	22.5	23.9	15.3	-2	-52.1
ACC	acc37	28.1		11.5	18.4	19.6	22.7	24.1	15.5	-1.6	-51
ACC	acc38	28.3		11.6	18.5	19.8	22.8	24.2	15.7	-1.2	-50
ACC	acc39	28.4		11.8	18.7	19.9	22.9	24.4	15.9	-0.9	-49
ACC	acc40	28.6		11.9	18.9	20	23.1	24.5	16.1	-0.5	-48
ACC	acc41	28.7		12	19	20.2	23.2	24.7	16.3	-0.1	-47.1
ACC	acc42	28.9		12.1	19.1	20.3	23.3	24.8	16.5	0.2	-46.2
East Louver	elouv	41.3	-75.6	39.6	34.8	30.6	23.1	16.7	10.5	2.1	-38.2
Fin Fan Cooler Cell	ffc1	13.6	-3.2	11.3	4.4	1.6	4.5	1.3	-5.9	-20.7	-69.3
Fin Fan Cooler Cell	ffc2	15.6	-1.4	13.5	6.5	3.3	6.3	3.1	-4.5	-19.7	-68.6
Fin Fan Cooler Cell	ffc3	18.8	1	16.6	10	6.7	9.9	6.7	-1.3	-17.2	-66.7
Fin Fan Cooler Cell	ffc4	25.6	2.7	19.9	15.6	14.3	19.9	19.1	13	-1.7	-50.9
Fin Fan Cooler Cell	ffc5	30.8	7.9	25.1	20.4	19.2	25	24.6	19.2	5.6	-42
Fin Fan Cooler Cell	ffc6	33.4	7.9	27.6	22.9	21.7	27.6	27.1	21.7	8.1	-39.5
Fin Fan Cooler Cell	ffc7	32.8	7.9	25.1	22.9	21.7	27.6	27.1	21.7	8.1	-39.5
Fin Fan Cooler Cell	ffc8	15.3	-1.6	13.1	6.1	3	5.9	2.7	-4.9	-20.2	-69.7
Fin Fan Cooler Cell	ffc8	17.8	0.3	15.6	8.8	5.5	8.6	5.3	-2.6	-18.4	-68.4
Fin Fan Cooler Cell	ffc10	21.6	2.3	18.7	12.9	10.1	13.8	10.9	2.8	-13.6	-64.3
Fin Fan Cooler Cell	ffc11	30.7	7.8	24.9	20.2	19.1	24.9	24.5	19	5.2	-43
Fin Fan Cooler Cell	ffc12	30.7	7.8	25	20.2	19.1	24.9	24.5	19	5.3	-42.9
Fin Fan Cooler Cell	ffc13	33.2	7.8	27.5	22.8	21.6	27.5	27	21.5	7.8	-40.4
Fin Fan Cooler Cell	ffc14	32.7	7.8	25	22.8	21.6	27.5	27	21.5	7.8	-40.3
gt exhaust vent	gtex1	11.1	-17.2	1	2.9	6.1	2.1	3.6	2.1	-9.5	-44.2
gt exhaust vent	gtex2	10.3	-17.9	0.2	2.2	5.4	1.3	2.7	1	-11.5	-49.6
gt inlet vent	gtin1	9.8	-18.8	0.4	-0.7	2.6	0.6	1	4.7	-4.4	-36.5
gt inlet vent	gtin2	8.9	-19.5	-0.3	-1.4	1.8	-0.2	0.2	3.6	-6.3	-41.4
Main Transformer 1	mntxfr1	30.1		10.6	16.2	26.2	26.3	19.9	13.9	-1.8	-49.8
Main Transformer 2	mntxfr2	31.8		12.5	17.8	27.9	28	21.6	15.3	-1.4	-52.9
North Louver	nlouv	41.6	-75.3	39.8	35.2	30.9	23.4	17	10.9	2.9	-36
roof fan	rf1	30.5	1.9	13.2	20.3	24.7	25.3	24.2	20	5.5	-31.8
roof fan	rf2	28.8	1.5	12.7	19.6	23.8	23.8	21.2	14.7	-0.2	-39.2
roof fan	rf3	28.5	1.3	12.4	19.4	23.6	23.6	21	14.3	-0.9	-40.9
roof fan	rf4	28.2	0.9	12.1	19.1	23.2	23.2	20.6	13.8	-1.8	-43.4
roof fan	rf5	29.7	2.4	13.5	20.5	24.7	24.7	22.2	15.9	1.9	-33.5
roof fan	rf6	29.2	1.9	13.1	20	24.2	24.2	21.6	15.1	0.6	-36.9
roof fan	rf7	29	2.8	13.4	19.9	24	24	21.3	14.7	-0.2	-38.9
roof fan	rf8	28.5	2.6	13.2	19.5	23.5	23.5	20.8	14.1	-1.3	-42.1
South Louver	slouv	18.7		17.7	10.6	5.3	-4.4	-13.5	-21.4	-33.1	-83.7
Stack Exit 1	stkexit1	30	25.5	20.7	19.6	8.8	8.8	13.2	19.7	24.8	-39.2
Stack Exit 2	stkexit2	29	24.9	20	19	8.2	8.1	12.5	18.7	23	-44
Stack Wall Breakout	stkwallbrk	21.9		11.2	11.3	17.2	10.1	18	-1.9	-30.1	
Stack Wall Breakout	stkwallbrk	18.3		7	7.3	14.1	6.6	14.3	-5.4	-33.7	
Steam Turbine Transformer	sttxfr	17.4		2.4	6.2	14.6	12.4	3.3	-5.9	-26.6	-86.1
STG Building East Wall	stgbldgew	28.6		28	18.7	10.2	-0.9	-12.9	-28.8	-53.6	
STG Building South Wall	stgbldgsw	22		21.5	12	4.2	-6.1	-17.3	-32.1	-56.7	
STG Building West Wall	stgbldgww	24		23.5	13.7	5.5	-5	-16.3	-31.4	-55.9	
Turbine Air Inlet	AirInlet	36.6	20.7	28.8	33.1	29.1	19.2	27.7	18.7	17.9	-16.5
Turbine Air Inlet	AirInlet	35.7	19.9	28.1	32.2	28.3	18.3	26.8	17.6	15.8	-21.8
turbine building east wall	tbldgew	42.6		41.8	34.2	27.3	19.5	11.2	-1.9	-23.4	-61.1
turbine building north wall	tbldgnw	43.5		42.6	35.4	28.4	20.6	12.3	-0.7	-21.7	-57.4
turbine building south wall	tbldgsw	23.2		22.7	12.9	4.3	-5.6	-16	-30.4	-53.4	
turbine building west wall	tbldgww	29.7		29.2	19.3	10.4	-0.1	-11.4	-26.6	-50.1	
West Louver	wlouv	25.4		24.5	17.2	10.9	0.8	-8.5	-16.8	-27.5	-71.7

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Level  
Property Line 1

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	21.4		10.3	16	14.2	15	14.2	5.3	-6	-29.5
ACC	acc2	20.8		9.7	15.3	13.6	14.4	13.6	5	-5.9	-28.3
ACC	acc3	20.3		9.3	14.7	13.1	14	13.3	4.9	-5.5	-26.9
ACC	acc4	20		8.8	14.2	12.7	13.7	13	4.9	-5.1	-25.4
ACC	acc5	19.7		8.2	13.6	12.4	13.5	12.9	5	-4.6	-24.1
ACC	acc6	19.4		7.7	13.1	12.2	13.3	12.8	5.2	-4.1	-22.7
ACC	acc7	19.3		7.1	12.6	12	13.3	12.9	5.4	-3.5	-21.5
ACC	acc8	23.6		12.2	18.2	16.5	17.2	16.5	7.4	-4.1	-27.4
ACC	acc9	22.8		11.6	17.4	15.6	16.3	15.5	6.7	-4.3	-26.3
ACC	acc10	22.1		10.9	16.6	14.9	15.7	14.9	6.3	-4.2	-25
ACC	acc11	21.5		10.4	15.9	14.3	15.1	14.4	6.1	-3.9	-23.7
ACC	acc12	21		9.8	15.2	13.8	14.7	14.1	6.1	-3.5	-22.2
ACC	acc13	20.7		9.2	14.6	13.4	14.5	13.9	6.2	-2.9	-20.8
ACC	acc14	20.5		8.6	14.1	13.2	14.4	13.9	6.4	-2.3	-19.4
ACC	acc15	26.6		14.2	20.8	19.4	20.5	19.8	10.7	-1.1	-24.3
ACC	acc16	25.3		13.7	19.9	18.2	19	18.3	9.3	-2	-23.9
ACC	acc17	24.4		13.1	19	17.2	18	17.2	8.4	-2.3	-22.9
ACC	acc18	23.4		12.3	18	16.3	17	16.3	7.8	-2.4	-21.7
ACC	acc19	22.7		11.5	17.1	15.5	16.3	15.6	7.4	-2.1	-20.4
ACC	acc20	22.2		10.8	16.3	14.9	15.9	15.2	7.4	-1.7	-18.9
ACC	acc21	21.8		10.1	15.6	14.5	15.6	15.1	7.5	-1.1	-17.4
ACC	acc22	31		16.1	23.6	23.4	25.4	25.7	17	5.4	-17.7
ACC	acc23	29.3		15.9	23	22.1	23.4	23	14	2.6	-19.4
ACC	acc24	27.8		15.5	22.1	20.6	21.6	20.9	12	0.9	-19.7
ACC	acc25	26.3		14.8	20.9	19.2	20	19.2	10.4	0	-19.3
ACC	acc26	25.1		13.9	19.7	18	18.7	17.9	9.5	-0.4	-18.3
ACC	acc27	24.1		12.8	18.5	16.9	17.8	17	8.9	-0.3	-17
ACC	acc28	23.4		12	17.5	16.2	17.2	16.5	8.8	0.2	-15.5
ACC	acc29	39.1		21.3	29.4	29.9	33.2	35.1	28.6	19.6	-0.6
ACC	acc30	35		17.4	25.5	26	29.1	30.9	24.2	15.1	-4.7
ACC	acc31	33.2		17.8	25.5	25.5	27.7	28.1	19.8	9	-11.7
ACC	acc32	31		17.6	24.7	23.9	25.1	24.7	15.9	5.1	-14.4
ACC	acc33	29		17	23.4	22	22.8	22	13.3	3	-15.1
ACC	acc34	27.3		15.9	21.9	20.2	21	20.1	11.6	2.1	-14.5
ACC	acc35	25.8		14.4	20.1	18.7	19.5	18.7	10.7	1.9	-13.3
ACC	acc36	39.3		21.5	29.6	30.1	33.4	35.4	28.9	19.9	0.1
ACC	acc37	40.1		22.2	30.3	30.9	34.2	36.1	29.7	21	2.3
ACC	acc38	40.9		23	31.1	31.7	35	36.9	30.6	22.2	4.4
ACC	acc39	41.8		23.8	31.9	32.6	35.8	37.7	31.5	23.4	6.7
ACC	acc40	36.7		20	28	28.4	31.1	32.1	24.7	15.1	-2.8
ACC	acc41	33.3		19.8	27	26.2	27.5	26.9	18.3	8.1	-9
ACC	acc42	30.1		18.3	24.5	23.1	23.8	22.8	14.3	5	-10.4
East Louver	elouv	36.1	-77.7	34.5	29.9	24.2	14.6	6.2	1.2	0.8	-8.6
Fin Fan Cooler Cell	ffc1	21.2	1.6	15.8	12.8	11.6	14.8	12.6	8.7	3.7	-11.8
Fin Fan Cooler Cell	ffc2	21.3	1.9	16.2	13	11.6	14.8	12.6	8.7	3.6	-12.1
Fin Fan Cooler Cell	ffc3	21.5	2.3	16.5	13.2	11.6	14.8	12.6	8.6	3.5	-12.3
Fin Fan Cooler Cell	ffc4	21.6	2.6	16.9	13.5	11.7	14.8	12.6	8.5	3.3	-12.7
Fin Fan Cooler Cell	ffc5	21.7	2.8	17.1	13.6	11.6	14.8	12.5	8.5	3.2	-12.9
Fin Fan Cooler Cell	ffc6	21.7	2.9	17.2	13.6	11.6	14.8	12.4	8.3	3	-13.3
Fin Fan Cooler Cell	ffc7	21.7	3.1	17.3	13.7	11.5	14.7	12.4	8.2	2.8	-13.7
Fin Fan Cooler Cell	ffc8	20.8	1.4	15.6	12.4	11.1	14.3	12.1	8.2	3	-13
Fin Fan Cooler Cell	ffc8	20.9	1.7	15.9	12.6	11.2	14.3	12.1	8.2	2.9	-13.3
Fin Fan Cooler Cell	ffc10	21.1	2	16.2	12.8	11.2	14.4	12.1	8.1	2.8	-13.5
Fin Fan Cooler Cell	ffc11	21.2	2.2	16.4	13	11.2	14.4	12.1	8	2.7	-13.8
Fin Fan Cooler Cell	ffc12	21.2	2.3	16.6	13.1	11.2	14.3	12	7.9	2.5	-14.1
Fin Fan Cooler Cell	ffc13	21.2	2.4	16.7	13.1	11.1	14.3	12	7.9	2.4	-14.4
Fin Fan Cooler Cell	ffc14	21.3	2.6	16.8	13.2	11.1	14.2	11.9	7.7	2.2	-14.8
gt exhaust vent	gtex1	16.5	-6	9.4	8.1	9.4	5.4	7.4	8.1	5.4	3.2
gt exhaust vent	gtex2	11.7	-11	4.3	2.8	5.1	1.2	3.1	3.6	0.1	-5.3
gt inlet vent	gtin1	20	-3.2	13.5	9.4	9.7	6	6.9	12.6	12.2	12.1
gt inlet vent	gtin2	13.8	-10.6	5.8	1.4	3.3	1.3	2.3	7.9	6.9	4.3
Main Mntxfr 1	mntxfr1	34.4		17.8	23.7	31.6	29.4	20.4	13.9	3.8	-16.9
Main Transformer 2	mntxfr2	22.8		6.6	11.7	19.8	18.1	9.6	4.4	-4.5	-25.7
North Louver	nlouv	68.5	-49.8	65.4	63.6	60.3	52.1	44.9	41.1	42.5	37.8
roof fan	rf1	37.7	18.9	27.8	31.6	32.8	30.4	27.4	22.8	17.1	12.3
roof fan	rf2	32.8	13.2	21.6	25.2	26.9	26.9	24.8	20.4	14.6	8.9
roof fan	rf3	31.3	11.3	19.7	23.1	25.5	25.5	23.5	19	13	6.4
roof fan	rf4	29.4	9.3	17.6	21	23.7	23.8	21.7	17.2	10.7	2.7
roof fan	rf5	37	18.2	26.9	30.7	31.9	29.5	27.2	22.7	17.1	12.4
roof fan	rf6	32.4	12.5	20.9	24.4	26.5	26.5	24.5	20.1	14.2	8.3
roof fan	rf7	30.8	10.6	18.9	22.4	25	25.1	23	18.5	12.4	5.5
roof fan	rf8	28.4	8.1	16.5	19.8	22.8	22.8	20.7	16.1	9.5	0.7
South Louver	slouv	26		24.2	20	15.2	6.1	-2.2	-7.3	-9.5	-26.2
Stack Exit 1	stkexit1	41.2	39.3	31.5	26.2	11.1	9.1	13.4	21	34.3	2.6
Stack Exit 2	stkexit2	35.3	32.8	24.8	19.4	5	4.5	9.1	17.1	30.2	-3.4
Stack Wall Breakout	stkwallbrk	29.2		21.5	20.3	24.6	16.5	23.9	5.6	-13.9	-43
Stack Wall Breakout	stkwallbrk	23.9		15.1	14.1	19.2	11.7	19.4	1.4	-18.3	-49.6
Steam Turbine Transformer	sttxfr	17.2		-0.5	5	14.1	12.8	4.5	-0.6	-10.3	-35.5
STG Building East Wall	stgbldgew	30.7		29.8	22.1	15.1	5.9	-4.3	-16.2	-30.6	-41.9
STG Building South Wall	stgbldgsw	29.6		28.8	20.9	13.7	4.5	-5.7	-17.8	-33	-46.7
STG Building West Wall	stgbldgww	32.3		31.5	23.3	15.5	6.1	-4.2	-16.3	-31.1	-42.9
Turbine Air Inlet	AirInlet	35.7	24.4	29.9	32.5	26.6	14.4	20.6	12	18.4	13.5
Turbine Air Inlet	AirInlet	29	17.6	22.7	25.5	20.4	8.8	15.4	7.4	13.7	7
turbine building east wall	tbldgew	42.7		42	33.8	25.5	15.9	5.8	-6	-19.1	-24.6
turbine building north wall	tbldgnw	66.2		64.9	59.2	53.4	45.3	36.3	25.5	13.6	11.1
turbine building south wall	tbldgsw	29.9		29.2	21.3	13.9	4.7	-5.5	-17.4	-31.3	-40.4
turbine building west wall	tbldgww	42.9		42.2	33.9	25.3	15.4	4.7	-7.6	-21.1	-27.2
West Louver	wlouv	35.9	-78	34.3	29.7	23.9	14.4	5.9	0.9	0.5	-9

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Level  
Property Line 2

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	20.5		7	14.1	14.9	15	12.4	1.1	-17.8	-66.2
ACC	acc2	20.5		7	14.2	15	15	12.4	1.2	-17.4	-64.7
ACC	acc3	20.6		7.1	14.3	15	15	12.4	1.3	-17.1	-63.3
ACC	acc4	20.6		7.2	14.4	15.1	15.1	12.4	1.3	-16.7	-61.8
ACC	acc5	20.6		7.2	14.4	15.1	15	12.4	1.4	-16.3	-60.4
ACC	acc6	20.5		6.9	14.2	15.1	14.9	12.2	1.2	-16.2	-59.1
ACC	acc7	20.4		6.7	14.1	15	14.8	12	1.1	-16	-57.8
ACC	acc8	19.2		3.9	12.5	14	13.9	10.9	-0.4	-19.2	-67.7
ACC	acc9	19.4		4.1	12.6	14.2	14.1	11.1	-0.1	-18.7	-66
ACC	acc10	19.5		4.3	12.8	14.3	14.3	11.3	0.1	-18.2	-64.4
ACC	acc11	19.5		4.1	12.8	14.3	14.2	11.2	0.1	-17.9	-63
ACC	acc12	19.6		4.3	13	14.4	14.3	11.2	0.2	-17.5	-61.4
ACC	acc13	19.7		4.5	13.1	14.5	14.4	11.3	0.3	-17	-59.9
ACC	acc14	19.8		4.7	13.2	14.6	14.4	11.3	0.4	-16.7	-58.5
ACC	acc15	15.1		2	9.3	9.8	9.2	5.9	-5.6	-24.7	-71.1
ACC	acc16	15.1		2.1	9.3	9.9	9.2	5.9	-5.5	-24.2	-69.3
ACC	acc17	15		2.1	9.3	9.7	9.1	5.8	-5.6	-24	-67.6
ACC	acc18	14.9		2	9.2	9.6	8.9	5.7	-5.6	-23.3	-65.8
ACC	acc19	14.7		2	9.1	9.5	8.8	5.5	-5.7	-22.7	-63.9
ACC	acc20	14.6		1.9	8.9	9.3	8.5	5.3	-5.9	-22	-62.2
ACC	acc21	13.8		0.8	8.2	8.6	7.8	4.4	-6.7	-21.6	-60.5
ACC	acc22	13.1		0.8	7.5	7.7	7	3.7	-7.8	-25.3	-71.2
ACC	acc23	12.8		0.6	7.3	7.5	6.7	3.5	-8	-24.7	-69.5
ACC	acc24	12.5		0.4	7	7.1	6.4	3.1	-8.2	-24	-67.7
ACC	acc25	12.2		0.2	6.7	6.8	6	2.8	-7.8	-23.4	-65.9
ACC	acc26	11.8		-0.1	6.3	6.3	5.6	2.4	-7.5	-22.7	-64.1
ACC	acc27	11.3		-0.5	5.8	5.8	5	1.9	-7.2	-22.1	-62.3
ACC	acc28	14		1.3	8.4	8.7	8	4.7	-6.4	-21.5	-60.6
ACC	acc29	15.2		2.2	9.4	10	9.3	6.1	-5.5	-24.5	-71.4
ACC	acc30	15.1		2.2	9.4	9.9	9.2	6	-5.5	-24.2	-69.6
ACC	acc31	15		2.2	9.3	9.8	9.1	5.8	-5.5	-24	-67.9
ACC	acc32	14.8		1.9	9.1	9.6	8.9	5.6	-5.7	-23.5	-66.2
ACC	acc33	14.7		1.9	9	9.5	8.8	5.5	-5.8	-22.9	-64.4
ACC	acc34	14.5		1.8	8.9	9.2	8.5	5.2	-5.9	-22.2	-62.6
ACC	acc35	14		1.4	8.4	8.7	8	4.7	-6.4	-21.5	-60.8
ACC	acc36	15.3		2.3	9.5	10.1	9.4	6.2	-5.4	-24.5	-71.6
ACC	acc37	15.2		2.3	9.5	10	9.3	6.1	-5.4	-24.2	-69.8
ACC	acc38	15		2.1	9.3	9.8	9.1	5.9	-5.5	-24	-68.1
ACC	acc39	15		2.2	9.3	9.7	9	5.8	-5.5	-23.5	-66.4
ACC	acc40	14.9		2.2	9.2	9.6	8.9	5.6	-5.6	-22.8	-64.6
ACC	acc41	14.6		2	9	9.3	8.6	5.4	-5.8	-22.1	-62.8
ACC	acc42	14.1		1.7	8.5	8.8	8	4.9	-6.2	-21.5	-61
East Louver	elouv	45	-72.2	42.9	39.3	34.6	27.2	21.1	15.9	11.5	-14.5
Fin Fan Cooler Cell	ffc1	38.2	14.5	31.7	28.3	26.3	32.3	32.2	28	19.1	-11.2
Fin Fan Cooler Cell	ffc2	38.3	14.5	31.7	28.4	26.3	32.3	32.3	28	19.2	-10.9
Fin Fan Cooler Cell	ffc3	38.3	14.5	31.7	28.4	26.4	32.4	32.3	28.1	19.3	-10.6
Fin Fan Cooler Cell	ffc4	38.4	14.6	31.7	28.5	26.4	32.4	32.3	28.1	19.4	-10.1
Fin Fan Cooler Cell	ffc5	38.4	14.6	31.8	28.5	26.4	32.5	32.4	28.2	19.5	-9.6
Fin Fan Cooler Cell	ffc6	38.5	14.6	31.8	28.6	26.5	32.5	32.4	28.3	19.7	-9.1
Fin Fan Cooler Cell	ffc7	38.5	14.7	31.9	28.6	26.6	32.6	32.5	28.3	19.8	-8.6
Fin Fan Cooler Cell	ffc8	38.2	14.5	31.7	28.3	26.3	32.3	32.2	28	19.1	-11.2
Fin Fan Cooler Cell	ffc8	38.3	14.5	31.7	28.4	26.3	32.3	32.3	28	19.2	-10.9
Fin Fan Cooler Cell	ffc10	38.3	14.5	31.7	28.4	26.4	32.4	32.3	28.1	19.3	-10.6
Fin Fan Cooler Cell	ffc11	38.4	14.6	31.7	28.5	26.4	32.4	32.3	28.1	19.4	-10.1
Fin Fan Cooler Cell	ffc12	38.4	14.6	31.8	28.5	26.5	32.5	32.4	28.2	19.5	-9.6
Fin Fan Cooler Cell	ffc13	38.5	14.6	31.8	28.6	26.5	32.5	32.4	28.3	19.7	-9.1
Fin Fan Cooler Cell	ffc14	38.5	14.7	31.9	28.6	26.6	32.6	32.5	28.3	19.8	-8.5
gt exhaust vent	gtex1	13.4	-14.1	4	5.8	8.8	4.3	4.9	2.8	-7.6	-33.1
gt exhaust vent	gtex2	14.4	-11.5	5.9	6.8	9.5	5.1	6	4.1	-5.8	-30.4
gt inlet vent	gtin1	11.2	-15	3.6	1.9	4.7	2.2	1.7	4.5	-4	-28.8
gt inlet vent	gtin2	11.8	-15.8	3.3	2.1	5.2	2.8	2.7	5.7	-2.2	-25.9
Main Mntxfr 1	mntxfr1	36		15.8	22.3	31.9	32.2	26.1	20.9	8.4	-27.7
Main Transformer 2	mntxfr2	36.3		16	22.6	32.2	32.5	26.3	21.2	8.9	-26.4
North Louver	nlouv	29.5	-84.6	28.4	22.1	15.4	5.4	-3.6	-11.3	-18.9	-51.1
roof fan	rf1	29.4	5	15.4	21.5	25	24	20.1	12.1	-2.8	-35.6
roof fan	rf2	29.4	4.2	15	21.4	25	24.1	20.2	12.2	-2.5	-34.9
roof fan	rf3	29.5	3.8	14.8	21.4	25.1	24.2	20.3	12.4	-2.2	-34.3
roof fan	rf4	29.5	3.8	14.8	21.5	25.2	24.3	20.4	12.6	-2	-34
roof fan	rf5	32	6.5	17.1	23.5	27.3	26.9	23.7	16.7	3.8	-23.6
roof fan	rf6	32.4	5.5	16.6	23.5	27.6	27.3	24.3	17.6	5	-21.6
roof fan	rf7	32.6	5.6	16.8	23.7	27.8	27.6	24.7	18.2	5.9	-20.3
roof fan	rf8	33.1	7.6	18.1	24.3	28.2	28	25.2	18.8	6.8	-18.9
South Louver	slouv	34.6	-81.3	33.1	28.1	22.1	12.7	4	-4	-12.3	-45.3
Stack Exit 1	stkexit1	28.9	26.9	21.4	19.3	7	5.1	7.2	11.5	15.9	-43.4
Stack Exit 2	stkexit2	29.2	27.1	21.6	19.6	7.4	5.5	7.7	12	16.5	-42.2
Stack Wall Breakout	stkwallbrk	17.9		6	7.2	14.4	6.6	13.2	-7.1	-34.4	
Stack Wall Breakout	stkwallbrk	17.9		5.8	7.1	14.4	6.6	13.3	-7	-34	
Steam Turbine Transformer	sttxfr	35.6		15.5	21.9	31.5	31.8	25.6	20.4	7.4	-30
STG Building East Wall	stgbldgew	44.5		43.5	36.7	29.4	21.9	13.7	1.6	-16.4	-41.1
STG Building South Wall	stgbldgsw	37.5		36.8	28.6	19.7	9.9	-0.5	-15	-35.2	-62.6
STG Building West Wall	stgbldgww	26.2		25.6	16.9	9	-1.2	-12.2	-25.9	-46	-76.7
Turbine Air Inlet	AirInlet	40.6	24.2	32.4	37.1	32.8	23	31.8	23.6	26	3.4
Turbine Air Inlet	AirInlet	40.9	24.5	32.7	37.4	33	23.3	32.1	24	26.5	4.7
turbine building east wall	tbldgew	46.7		45.7	39.1	31.7	24.1	16	3.9	-13.6	-36.5
turbine building north wall	tbldgnw	35.2		34.7	25.5	16	5.7	-5.2	-19.8	-40.2	-68.9
turbine building south wall	tbldgsw	43.7		42.7	35.9	28.5	20.9	12.8	0.6	-17.3	-41.5
turbine building west wall	tbldgww	24.8		24.1	15.7	8.3	-1.6	-12.3	-25.7	-45.5	-76.2
West Louver	wlouv	19.5		18	12.6	7.9	-1.4	-10	-16.4	-23.3	-57.1

CPV Valley Energy Project  
 CadnaA Detailed Model Output By Receiver  
 Partial Level  
 Property Line 3

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	24.9		13.2	19.4	17.8	18.6	17.9	8.7	-3.1	-26.7
ACC	acc2	24.2		12.9	18.9	17.1	17.8	17	8.1	-3.2	-25.5
ACC	acc3	23.5		12.4	18.2	16.3	17.1	16.3	7.5	-3.2	-24.2
ACC	acc4	22.9		11.8	17.5	15.6	16.4	15.6	7.2	-3	-22.7
ACC	acc5	22.4		11.3	16.8	15.1	15.9	15.2	7.1	-2.6	-21.1
ACC	acc6	22		10.7	16.2	14.7	15.7	15	7.2	-1.9	-19.3
ACC	acc7	21.8		10.2	15.7	14.5	15.6	15	7.5	-1.2	-17.5
ACC	acc8	21.8		10.7	16.5	14.6	15.4	14.6	5.7	-5.8	-29.2
ACC	acc9	21.4		10.4	16	14.1	14.9	14.1	5.5	-5.4	-27.7
ACC	acc10	20.9		9.9	15.5	13.7	14.5	13.8	5.4	-5	-26.1
ACC	acc11	20.6		9.5	15	13.3	14.2	13.6	5.4	-4.5	-24.4
ACC	acc12	20.3		9	14.5	13	14.1	13.5	5.6	-3.8	-22.6
ACC	acc13	20.1		8.5	14	12.8	14	13.5	5.9	-3.1	-20.9
ACC	acc14	20.1		8.1	13.6	12.8	14.1	13.6	6.3	-2.3	-19.1
ACC	acc15	21.3		9.1	15	14	15.3	14.7	6.8	-3.6	-26.6
ACC	acc16	21.2		8.9	14.7	14	15.4	14.9	7.2	-2.8	-24.8
ACC	acc17	21.3		8.6	14.4	14	15.5	15.1	7.6	-2.1	-23.1
ACC	acc18	19.1		7.7	13.2	11.8	12.8	12.2	4.3	-5.5	-25.8
ACC	acc19	19		7.4	12.8	11.7	12.8	12.3	4.6	-4.8	-24.1
ACC	acc20	18.9		7	12.5	11.6	12.9	12.5	5	-4.1	-22.5
ACC	acc21	19		6.7	12.2	11.7	13.1	12.7	5.4	-3.3	-20.8
ACC	acc22	20.1		7.7	13.4	12.9	14.3	13.8	6.1	-4.3	-27.8
ACC	acc23	20.2		7.5	13.3	13	14.5	14.1	6.5	-3.5	-26
ACC	acc24	17.9		6.6	12	10.7	11.7	11.1	3.1	-7.1	-29
ACC	acc25	17.9		6.3	11.7	10.6	11.8	11.2	3.4	-6.4	-27.3
ACC	acc26	17.9		6.1	11.5	10.6	11.9	11.4	3.8	-5.7	-25.7
ACC	acc27	18		5.8	11.3	10.7	12.1	11.6	4.2	-5	-24.1
ACC	acc28	18.1		5.5	11.1	10.8	12.3	11.9	4.6	-4.3	-22.6
ACC	acc29	19.2		6.5	12.2	12	13.6	13.1	5.5	-5	-29
ACC	acc30	19.4		6.3	12.1	12.2	13.8	13.4	5.9	-4.2	-27.3
ACC	acc31	16.9		5.4	10.8	9.7	10.9	10.3	2.4	-7.9	-30.4
ACC	acc32	16.9		5.2	10.6	9.7	10.9	10.4	2.7	-7.3	-28.8
ACC	acc33	17		4.9	10.4	9.7	11.1	10.6	3	-6.6	-27.3
ACC	acc34	17.1		4.7	10.2	9.8	11.3	10.9	3.4	-5.9	-25.9
ACC	acc35	17.2		4.5	10	10	11.5	11.1	3.8	-5.3	-24.4
ACC	acc36	18.5		5.4	11.2	11.3	12.9	12.5	4.9	-5.6	-30.3
ACC	acc37	18.7		5.3	11.1	11.5	13.2	12.8	5.4	-4.9	-28.7
ACC	acc38	16.1		4.4	9.7	8.8	10.1	9.5	1.7	-8.7	-31.8
ACC	acc39	16.1		4.2	9.6	8.9	10.2	9.7	2	-8.1	-30.4
ACC	acc40	16.2		4	9.4	8.9	10.4	9.9	2.3	-7.5	-29
ACC	acc41	16.3		3.8	9.3	9.1	10.6	10.2	2.7	-6.9	-27.6
ACC	acc42	16.5		3.6	9.2	9.2	10.8	10.4	3.1	-6.2	-26.2
East Louver	elouv	38.3	-76.5	36.9	31.9	25	15	6.2	-0.3	-3.1	-18
Fin Fan Cooler Cell	ffc1	41.9	18.1	35.1	33.4	31.5	36.2	34.8	30.2	24.4	10.1
Fin Fan Cooler Cell	ffc2	43.6	18.1	35.2	33.8	32.3	37.7	37.4	34.3	30.5	18.4
Fin Fan Cooler Cell	ffc3	48.1	22.5	39.7	38.3	36.7	42.2	41.9	38.9	35.1	23
Fin Fan Cooler Cell	ffc4	49.7	24.2	41.4	39.9	38.1	43.7	43.5	40.5	36.5	23.9
Fin Fan Cooler Cell	ffc5	49	22.5	39.7	38.7	37.9	43.5	43	39.9	35.8	23.1
Fin Fan Cooler Cell	ffc6	47.4	21.9	39.1	37.6	35.9	41.5	41.3	38.3	34.3	21.7
Fin Fan Cooler Cell	ffc7	47.1	21.7	38.8	37.3	35.6	41.2	41	38	34	21.2
Fin Fan Cooler Cell	ffc8	43.5	19	36.1	34.6	32.9	37.9	36.8	32.7	27.4	14
Fin Fan Cooler Cell	ffc8	49.1	23.5	40.7	39.3	37.8	43.2	42.9	40	36.3	24.8
Fin Fan Cooler Cell	ffc10	48.9	23.3	40.5	39.1	37.6	43	42.7	39.7	36	24.4
Fin Fan Cooler Cell	ffc11	49.7	23.4	40.6	39.5	38.6	44.1	43.6	40.5	36.7	24.6
Fin Fan Cooler Cell	ffc12	49.4	23.1	40.3	39.2	38.3	43.9	43.4	40.3	36.4	24.1
Fin Fan Cooler Cell	ffc13	48.1	22.6	39.7	38.3	36.7	42.2	42	39	35.1	23
Fin Fan Cooler Cell	ffc14	47.8	22.3	39.5	38	36.3	41.9	41.7	38.7	34.8	22.5
gt exhaust vent	gtex1	5.9	-14	0.8	-1.7	-1.3	-5.6	-3.9	-3.9	-8.4	-16.6
gt exhaust vent	gtex2	12.7	-9.6	5.7	4.1	5.8	1.9	3.8	4.3	0.8	-4
gt inlet vent	gtin1	3.4	-17.2	-1.4	-6.9	-6.5	-8.8	-8.1	-3.2	-6.2	-15.1
gt inlet vent	gtin2	6.4	-14.5	1.4	-4	-3.8	-6.2	-5.5	-0.4	-2.5	-8.4
Main Transformer 1	mntxfr1	27.2		11.1	16.7	24.3	22.3	13.6	6.6	-5.5	-33.4
Main Transformer 2	mntxfr2	41.5		20.6	27.8	37.4	37.7	31.6	27.4	18.6	-4.1
North Louver	nlouv	26		24.2	20	15.3	6.1	-2.1	-7.2	-9.3	-25.9
roof fan	rf1	20.6	2.9	10.6	13.2	14.7	14.4	12.2	7	-1.2	-14.9
roof fan	rf2	21.7	3.9	11.7	14.3	15.8	15.6	13.3	8.3	0.6	-11.5
roof fan	rf3	22.6	4.8	12.6	15.2	16.7	16.5	14.2	9.3	1.9	-9.2
roof fan	rf4	27.6	7.3	15.6	19.1	21.9	22	19.9	15.3	8.4	-1.1
roof fan	rf5	22.1	5	13	15.4	16.2	15.6	13.2	7.9	-0.3	-13.6
roof fan	rf6	23.8	6.7	14.7	17.2	17.8	17.3	14.9	9.6	1.9	-9.4
roof fan	rf7	25	7.9	15.9	18.4	19	18.4	16	10.8	3.5	-6.6
roof fan	rf8	27.5	10.4	18.5	21.1	21.5	20.8	18.3	13.2	6.3	-1.8
South Louver	slouv	64	-54.1	61.1	59	55.3	47.4	40.5	36.7	37.7	32
Stack Exit 1	stkexit1	28.9	26.2	18.2	13	-0.3	-0.5	4.3	12.2	24.1	-14.3
Stack Exit 2	stkexit2	31.9	29.2	21.1	15.9	2.1	1.8	6.6	14.6	27.3	-8.4
Stack Wall Breakout	stkwallbrk	18		8.4	7.6	13.3	6.1	13.9	-4.2	-25.2	-61.4
Stack Wall Breakout	stkwallbrk	20.7		11.3	10.4	16.1	8.8	16.6	-1.3	-21.5	-54.9
Steam Turbine Transformer	sttxfr	52	-79.2	30	37.8	48.1	48.1	41.4	37.5	30.4	14
STG Building East Wall	stgbldgew	56.1		55.1	48.6	41.7	32.1	21.4	8.4	-5.9	-10.9
STG Building South Wall	stgbldgsw	64.5		63.2	57.6	52	43.8	34.8	23.9	12.1	9.9
STG Building West Wall	stgbldgww	39.7		39	30.8	22.8	13.5	3.5	-8.3	-21.7	-28.5
Turbine Air Inlet	AirInlet	30.5	18.6	24.7	27.5	20.9	8.7	14.9	5.4	9.1	-3.7
Turbine Air Inlet	AirInlet	35.1	22.8	29.2	32.3	25.7	13.5	19.7	10.1	14.3	4.2
turbine building east wall	tbldgew	44.9		44.2	36.2	26.7	16.6	5.9	-7.7	-23.4	-34.1
turbine building north wall	tbldgnw	32.1		31.3	23.3	15.9	6.6	-3.7	-15.8	-31	-44.7
turbine building south wall	tbldgsw	49.4		48.2	42.2	35	26.9	18.3	6.9	-6.4	-13.6
turbine building west wall	tbldgww	33.2		32.4	24.4	17	7.8	-2.5	-14.4	-28.9	-39.7
West Louver	wlouv	27.9	-86.2	26.1	21.9	16.9	7.7	-0.5	-5.6	-7.1	-21.7

CPV Valley Energy Project  
CadnaA Detailed Model Output By Receiver  
Partial Level  
Property Line 4

Source Name	ID	Overall dBA	Octave Band Center Frequency (Hz)								
			31.5	63	125	250	500	1000	2000	4000	8000
ACC	acc1	47.3	-84.3	28.9	37.2	38.4	41.5	43.1	37.1	30.3	18.3
ACC	acc2	46.1	-85.6	27.9	36.1	37.1	40.3	42	35.9	28.7	15.7
ACC	acc3	45	-86.8	26.9	35	35.9	39.1	40.9	34.7	27.2	13.1
ACC	acc4	44	-87.9	26	34.1	34.8	38.1	39.9	33.7	25.8	10.6
ACC	acc5	43.2	-88	25.2	33.3	34	37.3	39.2	32.8	24.6	8.3
ACC	acc6	42.5		24.6	32.7	33.3	36.6	38.5	32.1	23.6	6
ACC	acc7	42		24.2	32.2	32.8	36.1	38	31.5	22.7	3.9
ACC	acc8	48	-83.7	29.5	37.8	39.1	42.2	43.7	37.8	31	19.5
ACC	acc9	46.6	-85.2	28.3	36.5	37.6	40.7	42.4	36.3	29.2	16.5
ACC	acc10	45.3	-86.5	27.1	35.3	36.2	39.4	41.2	35	27.6	13.8
ACC	acc11	44.3	-87	26.2	34.4	35.1	38.4	40.2	34	26.2	11.3
ACC	acc12	43.3	-87.8	25.4	33.5	34.2	37.4	39.3	33	24.9	8.7
ACC	acc13	42.6		24.7	32.8	33.5	36.7	38.6	32.3	23.8	6.4
ACC	acc14	42.1		24.3	32.3	32.9	36.2	38.1	31.7	22.9	4.3
ACC	acc15	48.2	-83.5	29.7	38	39.3	42.4	43.9	38	31.3	19.8
ACC	acc16	46.7	-85.1	28.4	36.7	37.7	40.9	42.6	36.5	29.4	16.8
ACC	acc17	45.4	-86.3	27.3	35.5	36.4	39.6	41.3	35.2	27.8	14.1
ACC	acc18	44.3	-86.9	26.3	34.4	35.2	38.4	40.3	34	26.3	11.4
ACC	acc19	43.4	-87.7	25.4	33.6	34.2	37.5	39.4	33.1	25	8.9
ACC	acc20	42.7		24.8	32.9	33.5	36.8	38.7	32.3	23.9	6.6
ACC	acc21	42.1		24.3	32.4	32.9	36.2	38.2	31.7	23	4.4
ACC	acc22	48	-83.7	29.5	37.8	39.1	42.2	43.8	37.8	31.1	19.5
ACC	acc23	46.4	-85.1	28.1	36.3	37.4	40.6	42.2	36.2	29.2	16.7
ACC	acc24	45	-86.4	26.8	35	35.9	39.1	40.9	34.8	27.5	13.9
ACC	acc25	44.3	-87	26.2	34.4	35.1	38.4	40.2	34	26.2	11.3
ACC	acc26	43.4	-87.8	25.4	33.6	34.2	37.5	39.4	33.1	25	8.9
ACC	acc27	42.7		24.8	32.9	33.5	36.8	38.7	32.3	23.8	6.6
ACC	acc28	42.1		24.3	32.4	32.9	36.2	38.1	31.7	22.9	4.4
ACC	acc29	47.5	-84.2	29	37.3	38.6	41.7	43.3	37.3	30.5	18.6
ACC	acc30	46.3	-85.5	28	36.2	37.2	40.4	42.1	36	28.9	15.9
ACC	acc31	45.1	-86.7	27	35.1	36	39.2	41	34.8	27.3	13.4
ACC	acc32	44.1	-87.1	26	34.2	35	38.2	40	33.8	26	10.9
ACC	acc33	43.2	-87.9	25.3	33.4	34.1	37.3	39.2	32.9	24.7	8.5
ACC	acc34	42.6		24.7	32.8	33.4	36.6	38.5	32.2	23.7	6.2
ACC	acc35	42		24.2	32.3	32.8	36.1	38	31.6	22.8	4.1
ACC	acc36	46.7	-84.9	28.3	36.6	37.7	40.9	42.5	36.5	29.6	17.2
ACC	acc37	45.7	-86	27.5	35.7	36.7	39.9	41.6	35.5	28.2	14.8
ACC	acc38	44.7	-87.1	26.6	34.7	35.6	38.8	40.6	34.4	26.8	12.4
ACC	acc39	43.8	-87.4	25.7	33.9	34.6	37.9	39.7	33.5	25.5	10.1
ACC	acc40	43		25	33.1	33.8	37.1	39	32.6	24.3	7.8
ACC	acc41	42.4		24.5	32.6	33.2	36.4	38.4	32	23.4	5.6
ACC	acc42	41.9		24	32.1	32.7	35.9	37.9	31.4	22.5	3.6
East Louver	elouv	23.5		22	16.8	11.5	2.2	-6.3	-12.2	-16.8	-42.1
Fin Fan Cooler Cell	ffc1	14.1	-4.2	9.6	5.3	4.3	7.5	5.1	0.5	-7.6	-34.4
Fin Fan Cooler Cell	ffc2	14.2	-4	9.9	5.3	4.2	7.4	5	0.3	-7.9	-35
Fin Fan Cooler Cell	ffc3	14.2	-3.8	10	5.3	4.1	7.3	4.9	0.2	-8.1	-35.7
Fin Fan Cooler Cell	ffc4	14.2	-3.7	10.2	5.3	4	7.2	4.8	0	-8.4	-36.4
Fin Fan Cooler Cell	ffc5	14.2	-3.6	10.3	5.4	3.9	7.1	4.7	-0.2	-8.7	-37
Fin Fan Cooler Cell	ffc6	14.2	-3.4	10.4	5.6	3.9	7	4.5	-0.3	-9	-37.7
Fin Fan Cooler Cell	ffc7	14.2	-3.3	10.5	5.7	3.8	6.9	4.4	-0.5	-9.2	-38.3
Fin Fan Cooler Cell	ffc8	14.3	-4	9.9	5.5	4.4	7.5	5.2	0.5	-7.6	-34.5
Fin Fan Cooler Cell	ffc8	14.3	-3.8	10.1	5.5	4.3	7.4	5	0.3	-7.9	-35.1
Fin Fan Cooler Cell	ffc10	14.3	-3.6	10.3	5.5	4.2	7.3	4.9	0.2	-8.2	-35.8
Fin Fan Cooler Cell	ffc11	14.3	-3.4	10.4	5.5	4.1	7.2	4.8	0	-8.4	-36.4
Fin Fan Cooler Cell	ffc12	14.4	-3.3	10.6	5.7	4	7.1	4.7	-0.1	-8.7	-37.1
Fin Fan Cooler Cell	ffc13	14.4	-3.1	10.7	5.9	3.9	7	4.6	-0.3	-9	-37.7
Fin Fan Cooler Cell	ffc14	14.4	-3	10.8	6	3.8	6.9	4.5	-0.5	-9.3	-38.4
gt exhaust vent	gtex1	12.7	-11.4	5.8	6.4	8.1	2.2	1.6	-1.3	-10.7	-28.1
gt exhaust vent	gtex2	13.1	-10.1	6.8	6.9	8.2	2.4	1.8	-1.1	-10.5	-28.1
gt inlet vent	gtin1	10	-13.3	4.8	2.2	3.8	-0.2	-1.8	0.3	-7.2	-24
gt inlet vent	gtin2	10	-13.5	4.6	2.3	3.8	-0.1	-1.7	0.4	-7.1	-23.5
Main Transformer 1	mntxfr1	13.2		-1.9	2.3	10.3	8.4	-0.3	-6.8	-20.1	-57
Main Transformer 2	mntxfr2	12.4		-3.5	0.9	9.3	7.7	-0.9	-7.1	-20.1	-56.5
North Louver	nlouv	33.3	-81.1	32	26.6	19.6	9.7	0.8	-6.2	-11.1	-33.7
roof fan	rf1	36.1	10.7	21.2	27.4	31.3	31	27.9	21.6	11.1	-7.5
roof fan	rf2	36.3	9.3	20.4	27.4	31.5	31.3	28.4	22.2	11.9	-6.1
roof fan	rf3	36.3	9.4	20.5	27.4	31.5	31.3	28.3	22.1	11.8	-6.2
roof fan	rf4	36.8	9.5	20.6	27.6	31.9	31.8	29.2	23.4	13.6	-3.8
roof fan	rf5	28.8	7.1	17	22.3	24.5	22.5	17.8	9.7	-3	-24.5
roof fan	rf6	28.7	6.6	16.7	22.1	24.5	22.4	17.7	9.6	-2.9	-24
roof fan	rf7	28.8	6.7	16.8	22.2	24.6	22.5	17.8	9.7	-2.8	-23.8
roof fan	rf8	29.1	8	17.8	22.7	24.8	22.7	18.1	10	-2.6	-23.8
South Louver	slouv	32.6	-81.7	31.3	25.7	18.8	8.9	0	-6.9	-11.7	-34.1
Stack Exit 1	stkexit1	41.5	37.9	31.9	29.2	17.3	16.8	20.6	27.1	36.7	-5.4
Stack Exit 2	stkexit2	41.6	38.2	32.2	29.4	17.5	16.9	20.7	27.1	36.8	-5
Stack Wall Breakout	stkwallbrk	39.2		26.5	27.4	32.8	27	36.9	19.3	-1.9	-39.3
Stack Wall Breakout	stkwallbrk	39.1		26.4	27.3	32.8	26.9	36.8	19.2	-1.8	-38.8
Steam Turbine Transformer	sttxfr	12.4		-4.3	0.4	9.3	7.9	-0.6	-6.4	-18.8	-53
STG Building East Wall	stgbldgew	27		26.3	18	10.4	0.7	-9.8	-22.4	-39.3	-59.6
STG Building South Wall	stgbldgsw	36.5		35.9	27.1	17.4	7.1	-3.6	-17.5	-35.1	-54.4
STG Building West Wall	stgbldgww	48.8		47.6	41.5	34.1	26.5	18.5	7	-8.2	-22.9
Turbine Air Inlet	AirInlet	19.8	9.1	14.2	16.5	10.6	-1.1	5.3	-3.8	-1.7	-23.5
Turbine Air Inlet	AirInlet	19.1	8.3	13.2	15.7	10.1	-1.5	5	-3.9	-1.5	-22.8
turbine building east wall	tbldgew	29.7		29.1	20.3	11.9	2.2	-8.3	-21.3	-39	-61.4
turbine building north wall	tbldgnw	39.1		38.5	30	20.4	10.4	0.1	-13.2	-30.2	-47.1
turbine building south wall	tbldgsw	36.5		35.7	28.2	19.4	9.9	-0.4	-14.8	-34.3	-57.7
turbine building west wall	tbldgww	50		48.9	42.7	35.2	27.6	19.6	8.1	-7.1	-21.5
West Louver	wlouv	48.7	-68.8	46.4	43.4	38.6	31.2	25.2	20.7	18.6	1.3