

Run 3

# CeDAR 1-Minute Data

Indiantown CoGen  
Data for 2/20/2013 10:50 AM thru 2/20/2013 11:10 AM

Timestamp	(Aux Boiler B) NOx ppm 1-Min	(Aux Boiler B) NOx ppm @ 3% O2 1-Min	(Aux Boiler B) NOx lb/mmBtu 1-Min	(Aux Boiler B) NOx lb/hr 1-Min	(Aux Boiler B) CO ppm 1-Min	(Aux Boiler B) CO ppm @ 3% O2 1-Min	(Aux Boiler B) CO lb/mmBtu 1-Min	(Aux Boiler B) CO lb/hr 1-Min	(Aux Boiler B) O2% 1-Min
2/20 10:50	25.90	27.53	0.0334	5.03	22.95	24.39	0.0180	2.71	4.06
2/20 10:51	25.94	27.57	0.0334	5.03	21.63	22.99	0.0170	2.56	4.06
2/20 10:52	25.85	27.41	0.0332	5.00	24.43	25.91	0.0191	2.88	4.02
2/20 10:53	26.02	27.67	0.0335	5.04	25.55	27.17	0.0200	3.01	4.07
2/20 10:54	26.02	27.79	0.0337	5.08	20.27	21.65	0.0160	2.41	4.14
2/20 10:55	26.13	27.82	0.0337	5.08	21.50	22.89	0.0169	2.55	4.09
2/20 10:56	25.92	27.67	0.0335	5.05	18.90	20.17	0.0149	2.25	4.13
2/20 10:57	25.85	27.59	0.0334	5.03	21.10	22.52	0.0166	2.50	4.13
2/20 10:58	25.87	27.48	0.0333	5.02	21.82	23.18	0.0171	2.58	4.05
2/20 10:59	25.87	27.47	0.0333	5.01	22.80	24.21	0.0179	2.70	4.04
2/20 11:00	25.62	27.20	0.0330	4.97	22.37	23.75	0.0175	2.64	4.04
2/20 11:01	25.62	27.18	0.0329	4.96	22.87	24.27	0.0179	2.70	4.03
2/20 11:02	25.72	27.29	0.0331	4.99	23.50	24.93	0.0184	2.77	4.03
2/20 11:03	25.62	27.12	0.0329	4.96	23.73	25.12	0.0185	2.79	3.99
2/20 11:04	25.54	27.10	0.0328	4.94	21.67	22.99	0.0170	2.56	4.03
2/20 11:05	25.49	26.98	0.0327	4.93	25.55	27.05	0.0199	3.00	3.99
2/20 11:06	25.64	27.25	0.0330	4.97	23.17	24.63	0.0182	2.74	4.06
2/20 11:07	25.77	27.33	0.0331	4.99	22.93	24.32	0.0179	2.70	4.02
2/20 11:08	25.97	27.43	0.0332	5.00	23.60	24.92	0.0184	2.77	3.95
2/20 11:09	26.56	28.02	0.0339	5.11	26.82	28.29	0.0209	3.15	3.93
2/20 11:10	26.51	27.91	0.0338	5.09	26.42	27.82	0.0205	3.09	3.90
Average (all)	25.88	27.47	0.0333	5.01	23.03	24.44	0.0180	2.72	4.04
Total (all)	--	--	--	--	--	--	--	--	--
Minimum (all)	25.49	26.98	0.0327	4.93	18.90	20.17	0.0149	2.25	3.90
Maximum (all)	26.56	28.02	0.0339	5.11	26.82	28.29	0.0209	3.15	4.14
Average (valid values only)	25.88	27.47	0.0333	5.01	23.03	24.44	0.0180	2.72	4.04
Total (valid values only)	--	--	--	--	--	--	--	--	--
Count (valid values only)	21	21	21	21	21	21	21	21	21

### CeDAR 1-Minute Data

Indiantown CoGen  
Data for 2/20/2013 10:50 AM thru 2/20/2013 11:10 AM

Timestamp	(Aux Boiler B) Gas Heat Input Rate mmBtu/hr 1-Min
2/20 10:50	150.7
2/20 10:51	150.7
2/20 10:52	150.6
2/20 10:53	150.6
2/20 10:54	150.7
2/20 10:55	150.7
2/20 10:56	150.7
2/20 10:57	150.7
2/20 10:58	150.7
2/20 10:59	150.6
2/20 11:00	150.7
2/20 11:01	150.7
2/20 11:02	150.7
2/20 11:03	150.7
2/20 11:04	150.7
2/20 11:05	150.7
2/20 11:06	150.7
2/20 11:07	150.7
2/20 11:08	150.7
2/20 11:09	150.7
2/20 11:10	150.7

90% = ~~153.45~~ 157.5

Average (all)	150.7
Total (all)	--
Minimum (all)	150.6
Maximum (all)	150.7
Average (valid values only)	150.7
Total (valid values only)	--
Count (valid values only)	21