

Shawn Smallwood data

Operating data for turbine:	2002 Hours operating	2004 Hours operating	Tower number	Elevation	Northing	Easting	Fate of turbine in 2004, according to FPLE	Status of turbine recorded by Smallwood and Thelander in fall 2002		Tier (June 2005)	turbine and tower position	blade color	netting for perch deterrant	rock piles nearby	slope grade	Canyon	
								Fate of turbine in 2004, according to FPLE	recorded by Smallwood and Thelander in fall 2002								
2060	1362	614	2060	324.29	194751.9702	85748.77806	Tower removed	derelict turbine	5	KCS56 on 18.5 m	End	White	none	all there	0	5	no
2061	1918	1717	2061	327.11	194731.7114	85761.95707	Tower removed	derelict turbine	5	KCS56 on 18.5 m	End	White	none	all there	0	0	no
2067	1850	1389	2067	314.77	194607.9983	85839.06488	Tower removed	derelict turbine	5	KCS56 on 18.5 m	End	White	none	all there	0	8	no
2068	1753	2070	2068	318.77	194586.1615	85852.10581	Tower removed	derelict turbine	5	KCS56 on 18.5 m	Second	White	none	none	0	10	no
2070	2129	2065	2070	329.66	194545.4849	85878.4953	Tower removed	derelict turbine	5	KCS56 on 18.5 m	Middle	White	none	all there	0	7	no
2071	1850	2230	2071	332.92	194524.9387	85892.61772	Tower removed	derelict turbine	6	KCS56 on 18.5 m	Third	White	none	partial	0	0	no
2073	2775	2172	2073	329.37	194494.0147	85929.28818	Tower removed	derelict turbine	5	KCS56 on 18.5 m	End	White	none	all there	0	7	no
2108	3217	1666	2108	336.02	194426.6669	85695.58321	Tower removed	derelict turbine	6	KCS56 on 18.5 m	Middle	White	none	none	0	7	no
2110	2538	1740	2110	331.25	194390.8115	85755.08447	Tower removed	derelict turbine	6	KCS56 on 18.5 m	Middle	White	none	all there	2	10	no
2128	3471	2789	2128	347.86	194251.7226	85392.33164	Tower removed	derelict turbine	4	KCS56 on 18.5 m	End	White	none	0			
2137	1827	1603	2137	292.13	194167.0745	86186.01038	Tower removed	derelict turbine	4	KCS56 on 18.5 m	End	White	none	all there	1	8	no
2152	1783	2004	2152	309.24	193860.1452	86228.45837	Tower removed	derelict turbine	3	KCS56 on 18.5 m	End	White	none	all there	0	10	no
2242	2689	2138	2242	285.8	194343.6678	85148.90723	Tower removed	derelict turbine	4	KCS56 on 18.5 m	Middle	Red stripes	on horizontal bars & around catwalk/turbine	all there	0	7	no
2331	2437	2073	2331	327.64	193648.0743	85184.88035	Tower removed	derelict turbine	5	KCS56 on 18.5 m	Middle	White	on horizontal bars & around catwalk/turbine	partial	0	10	no
2566	2218	2225	2566	360.28	192667.3421	84262.40547	Tower removed	derelict turbine	5	KCS56 on 18.5 m	Second	White	none	all there	1	0	no
2568	3160	2409	2568	361.61	192636.9513	84300.35047	Tower removed	derelict turbine	5	KCS56 on 18.5 m	Middle	White	none	all there	0	4	no
2788	2433	1714	2788	264.1	193456.7916	86355.70321	Tower removed	derelict turbine	6	KCS56 on 18.5 m	Second	White	none	all there	0	12	no
2791	2373	1905	2791	257.4	193407.2791	86410.52925	Tower removed	derelict turbine	6	KCS56 on 18.5 m	gap	White	on horizontal bars	all there	0	5	no

Operating hours by mo 2004

Sum of operating hour	month												Grand Total	
trbid	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
2060	5.33	4.58	81.03	127.00	250.35	145.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	613.53
2061	6.67	42.18	177.40	202.88	333.98	476.83	446.48	31.00	0.00	0.00	0.00	0.00	0.00	1717.43
2067	5.67	24.32	98.33	113.40	306.38	420.75	388.93	30.98	0.00	0.00	0.00	0.00	0.00	1388.77
2068	13.73	34.80	149.67	225.05	476.52	591.70	572.65	5.98	0.00	0.00	0.00	0.00	0.00	2070.10
2070	12.58	32.20	157.67	213.38	448.22	582.67	582.85	35.42	0.00	0.00	0.00	0.00	0.00	2064.98
2071	11.37	72.60	204.62	270.85	472.48	583.33	579.43	34.98	0.00	0.00	0.00	0.00	0.00	2229.67
2073	11.32	81.65	180.53	254.60	493.77	574.97	540.25	34.42	0.00	0.00	0.00	0.00	0.00	2171.50
2108	12.40	55.50	181.98	177.80	338.13	446.95	419.48	33.60	0.00	0.00	0.00	0.00	0.00	1665.85
2110	8.28	25.12	125.37	93.92	416.52	522.43	513.48	35.25	0.00	522.43	0.00	0.00	0.00	1740.37
2128	42.48	140.63	314.23	423.43	548.33	634.38	647.98	37.85	0.00	0.00	0.00	0.00	0.00	2789.33
2137	2.53	35.10	156.12	227.65	422.88	549.97	174.70	34.18	0.00	0.00	0.00	0.00	0.00	1603.13
2152	5.20	24.13	163.78	260.47	436.05	541.47	538.20	34.30	0.00	0.00	0.00	0.00	0.00	2003.60
2242	20.18	87.27	205.62	261.83	450.48	545.72	530.13	36.57	0.00	0.00	0.00	0.00	0.00	2137.80
2331	5.83	12.23	163.05	222.43	465.73	577.75	587.85	37.88	0.00	0.00	0.00	0.00	0.00	2072.77
2566	25.82	75.73	188.53	258.43	454.25	598.88	584.93	38.55	0.00	0.00	0.00	0.00	0.00	2225.13
2568	28.40	81.82	235.90	287.65	488.62	624.70	622.97	38.52	0.00	0.00	0.00	0.00	0.00	2408.57
2788	2.32	3.28	104.30	187.53	390.53	512.28	479.88	33.70	0.00	0.00	0.00	0.00	0.00	1713.83
2791	3.05	25.75	150.15	228.30	444.60	528.17	491.42	33.77	0.00	0.00	0.00	0.00	0.00	1905.20
Grand Total	223.17	858.90	3038.28	4036.62	7637.83	9458.18	8701.63	566.95	0.00	0.00	0.00	0.00	0.00	34521.57

Turbine 2060 was taken down on June 14th for a yaw bearing repair.