

14.0 Appendix E

Raw Data Values

Wind Speed (m/s) * Solar Radiation (W/m ²) * Wind Direction * Dry Bulb Cross-tabulation					Solar Radiation (W/m ²)			Total	
Dry Bulb	Wind Direction				0	1,001 - 20,000	20,001 - 80,000		
0- 10	Calm	Wind Speed (m/s)	0 - 5	Count	2526	1080	167	3773	
				% of Total	66.95	28.62	4.43	100.00	
		Total		Count	2526	1080	167	3773	
				% of Total	66.95	28.62	4.43	100.00	
	Northerly	Wind Speed (m/s)	0 - 5	Count	2632	2032	1125	5789	
				% of Total	22.59	17.44	9.65	49.68	
			5.01 - 10	Count	1867	1617	1027	4511	
				% of Total	16.02	13.88	8.81	38.71	
			10.01 - 15	Count	483	472	315	1270	
				% of Total	4.14	4.05	2.70	10.90	
			15.01 - 99	Count	40	24	19	83	
				% of Total	0.34	0.21	0.16	0.71	
			Total		Count	5022	4145	2486	11653
					% of Total	43.10	35.57	21.33	100.00
	Southerly	Wind Speed (m/s)	0 - 5	Count	3466	2359	1020	6845	
				% of Total	15.65	10.65	4.61	30.92	
			5.01 - 10	Count	5160	4017	2037	11214	
				% of Total	23.31	18.14	9.20	50.65	
			10.01 - 15	Count	1971	1392	428	3791	
				% of Total	8.90	6.29	1.93	17.12	
		15.01 - 99	Count	178	106	6.00	290		
			% of Total	0.80	0.48	0.03	1.31		
		Total		Count	10775	7874	3491	22140	
				% of Total	48.67	35.56	15.77	100.00	
	Variable	Wind Speed (m/s)	0 - 5	Count	100	82	34	216	
				% of Total	46.30	37.96	15.74	100.00	
			Total		Count	100	82	34	216
				% of Total	46.30	37.96	15.74	100.00	

Dry Bulb	Wind Direction				Solar Radiation (W/m ²)			Total	
					0	1,001 – 20,000	20,001 – 80,000		
10.01 - 18	Calm	Wind Speed (m/s)	0 - 5	Count	4936	1220	214	6370	
				% of Total	77.49	19.15	3.36	100.00	
		Total		Count	4936	1220	214	6370	
				% of Total	77.49	19.15	3.36	100.00	
	Northerly	Wind Speed (m/s)	0 - 5	Count	9969	4172	3398	17539	
				% of Total	20.10	8.41	6.85	35.37	
				5.01 - 10	Count	10882	6505	6458	23845
					% of Total	21.94	13.12	13.02	48.09
				10.01 - 15	Count	3477	2297	1758	7532
					% of Total	7.01	4.63	3.55	15.19
				15.01 - 99	Count	300	216	157	673
					% of Total	0.60	0.44	0.32	1.36
		Total		Count	24628	13190	11771	49589	
				% of Total	49.66	26.60	23.74	100.00	
	Southerly	Wind Speed (m/s)	0 - 5	Count	5194	2112	1871	9177	
				% of Total	26.15	10.63	9.42	46.21	
				5.01 - 10	Count	4466	2364	2497	9327
					% of Total	22.49	11.90	12.57	46.97
				10.01 - 15	Count	697	373	236	1306
					% of Total	3.51	1.88	1.19	6.58
				15.01 - 99	Count	22	27		49
					% of Total	0.11	0.14		0.25
		Total		Count	10379	4876	4604	19859	
				% of Total	52.26	24.55	23.18	100.00	
	Variable	Wind Speed (m/s)	0 - 5	Count	274	158	104	536	
				% of Total	50.18	28.94	19.05	98.17	
				5.01 - 10	Count	4		6	10
					% of Total	0.73		1.10	1.83
				Total		Count	278	158	110
				% of Total	50.92	28.94	20.15	100.00	

Dry Bulb	Wind Direction	Wind Speed (m/s)	Count	% of Total	Solar Radiation (W/m ²)			Total
					0	1,001 – 20,000	20,001 – 80,000	
18.01 - 26	Calm	0 - 5	Count	1265	105	14	1384	
			% of Total	91.40	7.59	1.01	100.00	
	Total	Count	1265	105	14	1384		
			% of Total	91.40	7.59	1.01	100.00	
	Northerly	0 - 5	Count	2278	249	166	2693	
			% of Total	43.07	4.71	3.14	50.92	
		5.01 - 10	Count	1608	218	222	2048	
			% of Total	30.40	4.12	4.20	38.72	
		10.01 - 15	Count	413	45	38	496	
			% of Total	7.81	0.85	0.72	9.38	
	15.01 - 99	Count	44	3	5	52		
		% of Total	0.83	0.06	0.09	0.98		
Total	Count	4343	515	431	5289			
		% of Total	82.11	9.74	8.15	100.00		
Southerly	0 - 5	Count	771	87	90	948		
		% of Total	62.33	7.03	7.28	76.64		
	5.01 - 10	Count	238	28	13	279		
		% of Total	19.24	2.26	1.05	22.55		
	10.01 - 15	Count	6	4		10		
		% of Total	0.49	0.32		0.81		
Total	Count	1015	119	103	1237			
		% of Total	82.05	9.62	8.33	100.00		
Variable	0 - 5	Count	68	6	10	84		
		% of Total	80.95	7.14	11.90	100.00		
	Total	Count	68	6	10	84		
		% of Total	80.95	7.14	11.90	100.00		

Dry Bulb	Wind Direction	Wind Speed (m/s)	0 - 5	Count	Solar Radiation (W/m ²)			Total
					0	1,001 – 20,000	20,001 – 80,000	
26.01 - 99	Calm	Wind Speed (m/s)	0 - 5	Count	18			18
				% of Total	100.00			100.00
	Total	Count	18			18		
		% of Total	100.00			100.00		
	Northerly	Wind Speed (m/s)	0 - 5	Count	13			13
				% of Total	92.86			92.86
5.01 - 10		Count	1			1		
		% of Total	7.14			7.14		
Total	Count	14			14			
	% of Total	100.00			100.00			