

Performance of 8 ft turbine						
Feb 7, 2012						
Notes:						
1) the data below are the "mean" values from the raw data selected zones						
2) The "CV- . . . " data are the Cowichan Valley moving platform tests						
3) The "CR- . . . " data are the Channel Ridge moving platform tests (NOT ADDED YET)						
4) The number after the dash is the raw data page number, and the letter is the column on that page						
	Wind (m/s)	TSR	Watts	CP		
CV-4a	6.45	1.097	57.1	0.182	Wind (m/s)	Watts
CV-4b	6.51	0.977	51.1	0.159	4.0	0
CV-4c	8.40	0.820	146.3	0.212	4.5	0
CV-4d	8.80	1.333	182.3	0.229	5.0	10
CV-4e	6.52	1.485	53.9	0.168	5.5	30
CV-4f	7.44	1.584	70.0	0.146	6.0	50
CV-4g	7.37	0.892	93.7	0.201	6.5	70
CV-4h	8.32	1.338	158.9	0.236	7.0	85
CV-5a	10.26	1.304	266.4	0.212	7.5	115
CV-5b	9.34	1.547	187.2	0.197	8.0	150
CV-5c	9.83	1.479	309.4	0.279	8.5	185
CV-5d	10.43	1.127	291.7	0.220	9.0	225
CV-5e	11.30	0.952	402.0	0.238	9.5	285
CV-5f	10.75	1.495	446.5	0.307	10.0	355
CV-5g	11.40	1.346	445.4	0.257	10.5	415
CV-5h	11.73	1.162	559.1	0.297	11.0	480
CV-5i	12.46	1.140	586.5	0.259	11.5	560
CV-6a	13.34	1.482	716.5	0.259	12.0	630
CV-6b	14.02	1.482	728.1	0.223	13.0	800
CV-6c	13.47	1.620	626.4	0.219	14.0	970
CV-6d	13.40	1.551	690.0	0.246	15.0	1180
CV-6e	13.72	1.425	719.5	0.238	16.0	1450
CV-6f	14.00	1.498	772.7	0.241	17.0	1710
CV-6g	14.26	1.240	914.6	0.270	18.0	2000
CV-6h	14.21	1.522	793.1	0.237	Curve fitting to top of power curve	
CV-6i	14.24	1.502	755.6	0.223		
CV-6j	14.55	1.558	801.3	0.222		
CV-7a	12.74	1.675	734.5	0.303		
CV-7b	13.00	1.451	722.9	0.281		
CV-7c	13.67	1.272	835.3	0.279		
CV-7d	12.96	1.509	759.0	0.298		
CV-7e	13.59	1.504	779.8	0.266		
CV-7f	13.79	1.297	768.5	0.250		
CV-7g	14.18	1.458	888.6	0.266		
CV-7h	14.00	1.347	883.5	0.277		
CV-7i	13.82	1.544	746.3	0.241		
CV-8a	14.95	1.257	1097.0	0.281		
CV-8b	15.81	1.314	1338.0	0.288		
CV-8c	15.91	1.331	1359.0	0.288		
CV-8d	16.31	1.350	1522.0	0.300		
CV-8e	15.95	1.344	1288.0	0.272		
CV-8f	17.98	1.218	1946.0	0.286		
CV-8g	17.66	1.225	1868.0	0.291		
CV-8h	17.93	1.255	1889.0	0.280		





