

Second	V1	V2	I1	I2	P1	P2	Gen_RPM	MPPT_MODE	MPPT_delta_wind_v1	MPPT_delta_wind_v1_R	MPPT_DCDC_PWM	MPPT_Delta_PWM	MPPT_omega_stern	MPPT_omega_opt	MPPT_kopt_e6	MPPT_P_2_opt	MPPT_delta_P_2	MPPT_delta_Omega	v1_new	RPM_Turb
1073	30.28	12.61	Nan	-0.03	Nan	-0.33	170	3	0	0	106	5	0	0	0	0	-0.07	0	5.0	175.8
1074	29.54	12.65	Nan	0.324	Nan	4.1	168	3	1	2	111	5	0	0	0	0	1.06	2	5.1	175.4
1075	29.27	12.66	Nan	0.388	Nan	4.92	170	0	0	0	113	5	0	0	0	0	4.43	-2	5.2	175.1
1076	28.93	12.67	Nan	0.532	Nan	6.74	166	0	1	2	115	2	0	0	0	0	0.81	2	5.0	173.7
1077	28.44	12.68	Nan	0.554	Nan	7.03	168	0	0	0	117	2	0	0	0	0	1.82	-4	4.7	171.5
1078	27.99	12.69	Nan	0.585	Nan	7.42	163	0	1	2	119	2	0	0	0	0	0.29	2	4.4	169.4
1079	27.58	12.71	Nan	0.73	Nan	9.28	161	0	0	0	121	2	0	0	0	0	0.4	-5	4.3	167.5
1080	27.17	12.72	Nan	0.854	Nan	10.87	159	0	0	0	123	2	0	0	0	0	1.85	-2	4.4	165.9
1081	26.77	12.74	Nan	0.934	Nan	11.89	159	0	0	0	125	2	0	0	0	0	1.59	-2	4.5	164.2
1082	26.38	12.75	Nan	1.003	Nan	12.79	156	0	0	0	127	2	0	0	0	0	1.02	0	4.5	162.1
1083	25.97	12.76	Nan	1.008	Nan	12.86	154	0	0	0	129	2	0	0	0	0	0.89	-3	4.5	159.9
1084	25.58	12.76	Nan	1.029	Nan	13.13	152	0	0	0	131	2	0	0	0	0	0.07	-2	4.4	157.6
1085	25.19	12.77	Nan	1.004	Nan	12.82	152	0	0	0	133	2	0	0	0	0	0.27	-2	4.4	155.2
1086	25.4	12.72	Nan	0.462	Nan	5.88	147	1	0	0	131	2	0	152	3.74	13.13	-0.31	0	4.3	152.7
1087	23.91	12.83	Nan	1.598	Nan	20.51	145	2	1	2	141	-2	116.3	152	3.74	13.13	-6.94	-5	4.3	150.3
1088	24.9	12.7	Nan	0.186	Nan	2.37	145	2	0	0	131	10	176.4	152	3.74	13.13	14.63	-2	4.3	150.3
1089	22.53	12.92	Nan	2.396	Nan	30.94	140	2	0	0	151	-10	85.87	152	3.74	13.13	-18.1	0	4.2	147.9
1090	24.82	12.68	Nan	-0.11	Nan	-1.45	138	2	0	0	130	20	202.3	152	3.74	13.13	28.57	-5	4.1	145.5
1091	23.97	12.69	Nan	-0.01	Nan	-0.07	136	3	1	2	135	-21	202.3	152	3.74	13.13	-32.4	-2	4.0	143.1
1092	23.33	12.71	Nan	0.166	Nan	2.1	136	3	0	0	140	5	202.3	152	3.74	13.13	1.38	-2	3.9	141.2
1093	23.03	12.71	Nan	0.148	Nan	1.89	131	0	0	0	142	5	202.3	152	3.74	13.13	2.17	0	3.9	139.4
1094	23.12	12.69	Nan	-0.02	Nan	-0.26	131	1	0	0	140	2	202.3	136	0.84	2.1	-0.22	-5	3.9	137.7
1095	22.56	12.71	Nan	0.173	Nan	2.19	131	3	0	0	145	-2	202.3	136	0.84	2.1	-2.15	0	4.0	136.2
1096	22.32	12.72	Nan	0.167	Nan	2.13	131	0	0	0	147	5	202.3	136	0.84	2.1	2.46	0	4.0	134.9
1097	22.35	12.7	Nan	0.041	Nan	0.53	129	1	0	0	145	2	202.3	131	0.98	2.19	-0.07	0	4.1	133.6
1098	22.3	12.69	Nan	-0.04	Nan	-0.48	129	1	1	2	145	-2	202.3	131	0.98	2.19	-1.6	-2	4.0	132.3
1099	21.73	12.71	Nan	0.11	Nan	1.4	126	3	0	0	150	0	202.3	131	0.98	2.19	-1.01	0	4.0	131.1
1100	21.49	12.71	Nan	0.114	Nan	1.45	124	0	0	0	152	5	202.3	131	0.98	2.19	1.89	-3	3.9	129.8
1101	21.24	12.71	Nan	0.133	Nan	1.69	124	0	0	0	154	2	202.3	131	0.98	2.19	0.04	-2	4.0	128.5
1102	21.02	12.72	Nan	0.155	Nan	1.97	122	0	0	0	156	2	202.3	131	0.98	2.19	0.24	0	4.0	127.2
1103	20.77	12.72	Nan	0.159	Nan	2.02	122	0	0	0	158	2	202.3	131	0.98	2.19	0.29	-2	4.1	125.8
1104	20.51	12.72	Nan	0.143	Nan	1.82	120	0	0	0	160	2	202.3	131	0.98	2.19	0.04	0	4.1	124.5
1105	20.53	12.7	Nan	0.012	Nan	0.15	120	1	0	0	158	2	202.3	122	1.11	2.02	-0.2	-2	4.1	123.3
1106	20.49	12.7	Nan	-0.04	Nan	-0.46	117	1	0	0	158	-2	202.3	122	1.11	2.02	-1.67	0	4.1	122
1107	19.98	12.71	Nan	0.066	Nan	0.83	117	3	0	0	163	0	202.3	122	1.11	2.02	-0.61	-3	4.0	120.4
1108	19.72	12.71	Nan	0.043	Nan	0.55	115	0	0	0	165	5	202.3	122	1.11	2.02	1.29	0	3.7	118.7
1109	19.83	12.69	Nan	-0.09	Nan	-1.07	113	1	0	0	163	2	202.3	117	0.52	0.83	-0.29	-2	3.5	117