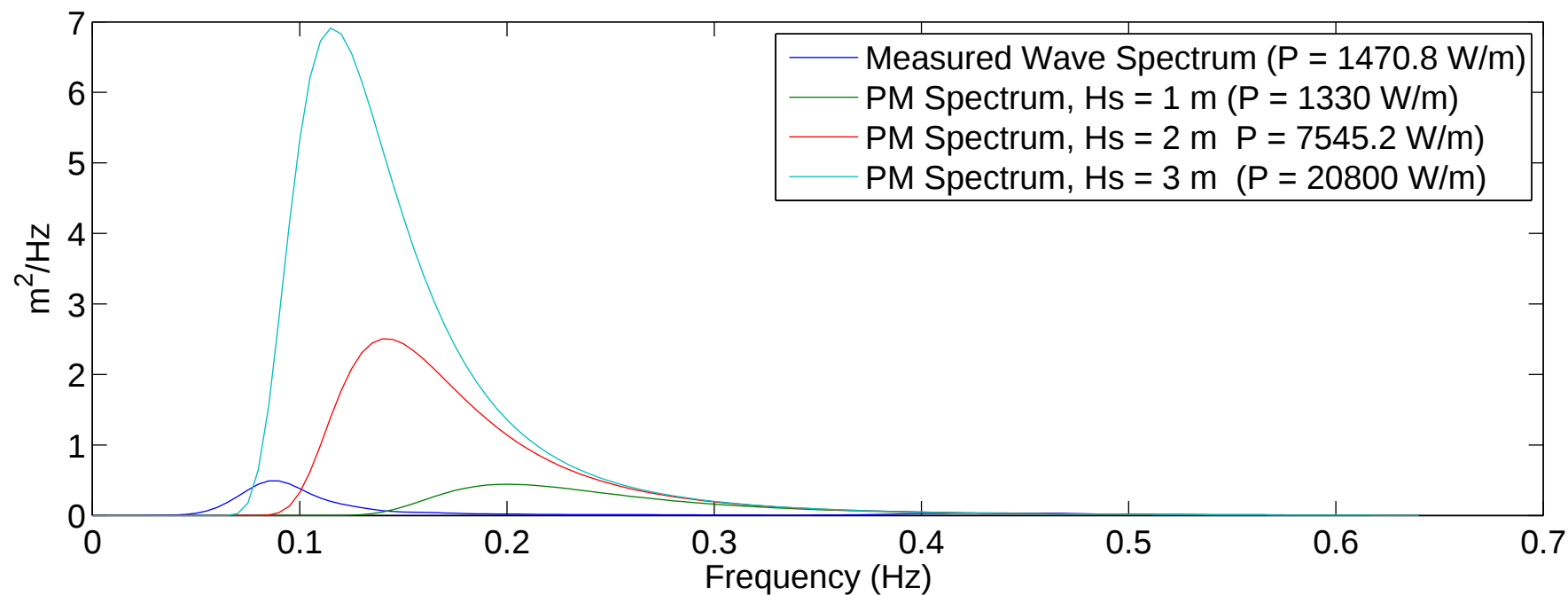
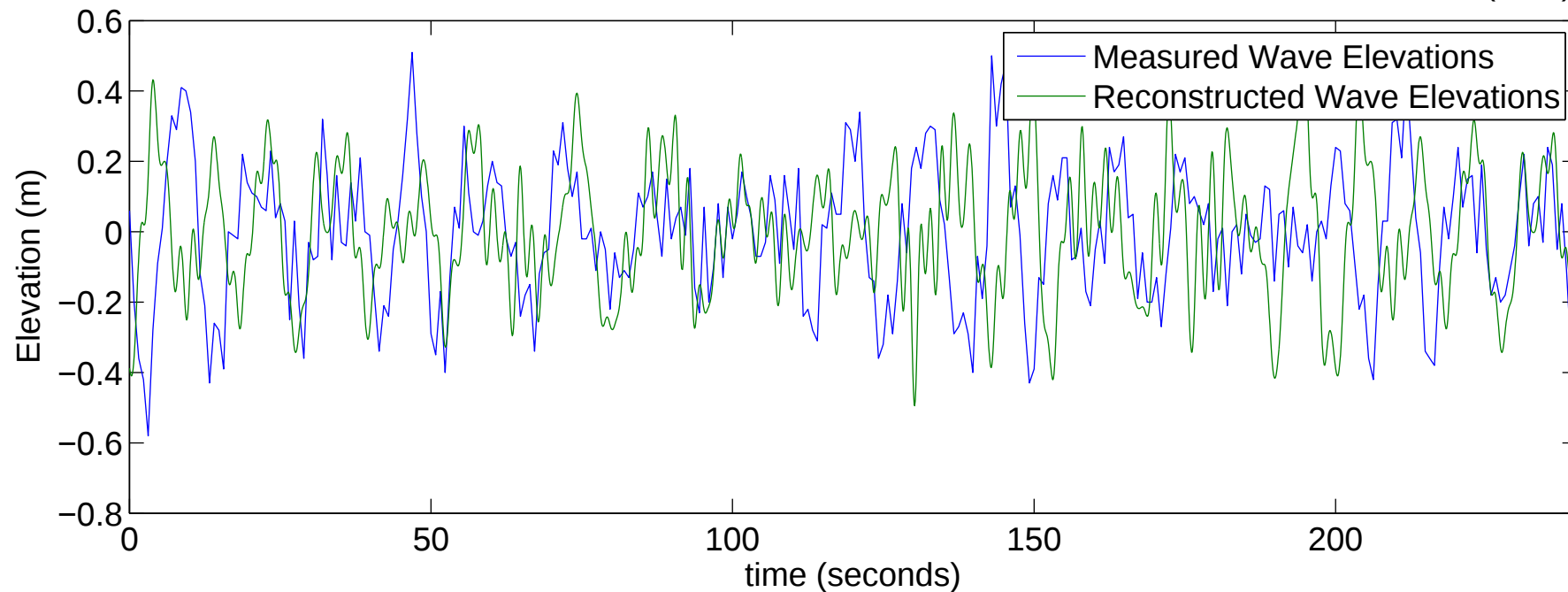


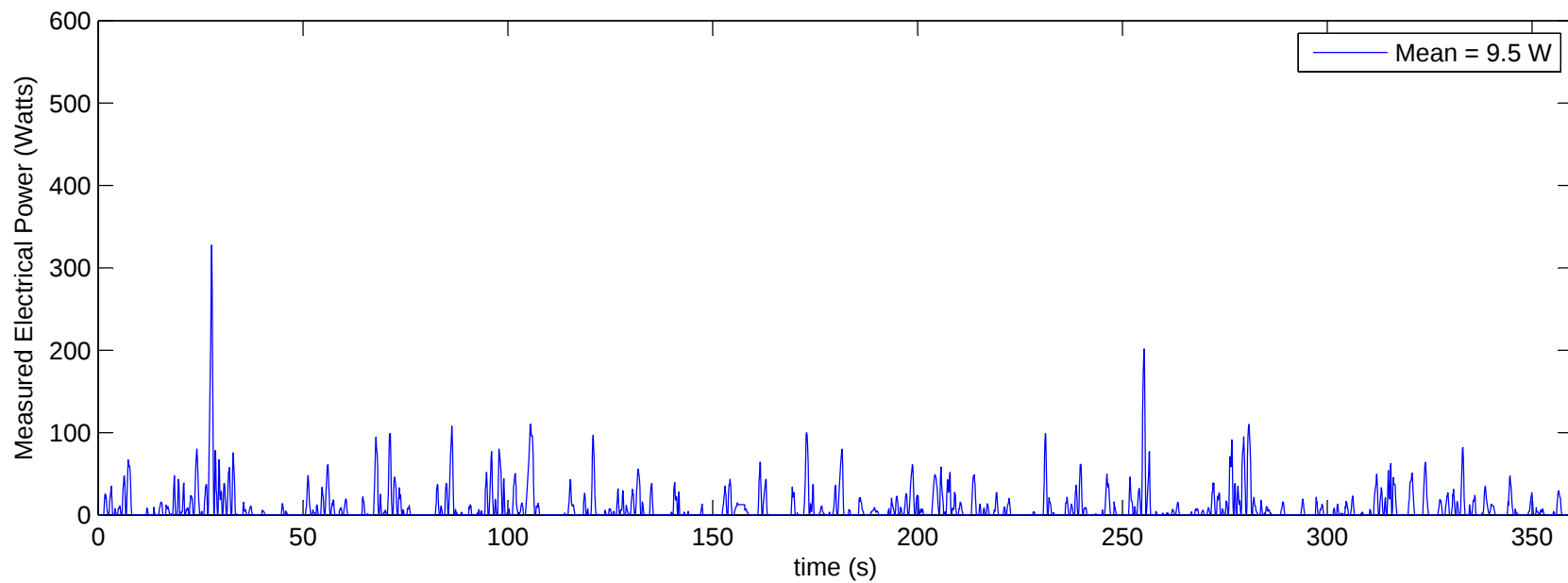
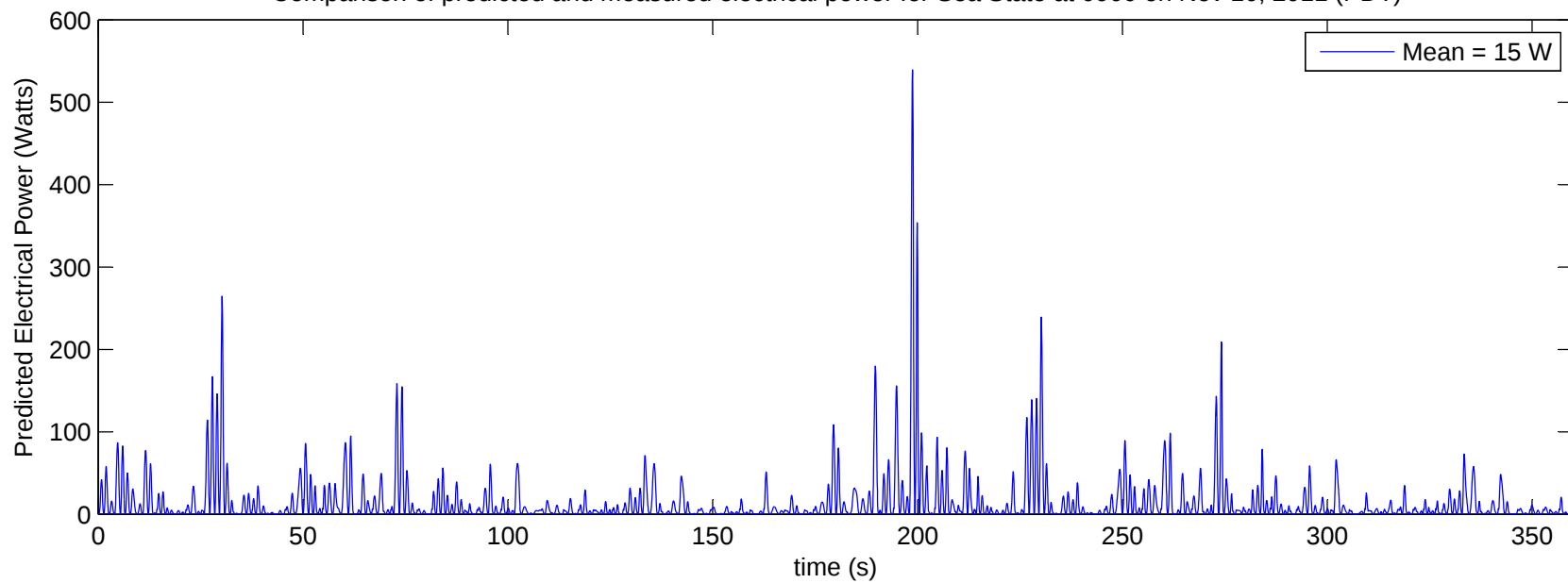
Comparison in power in waves for various sea-states and the resulting predicted energy balance and measured results where applicable.
See attached plots for details on at-sea tests referenced here (Nov 10-11, 2011).

Sea State	Wave Power Flux	Numerical Model Predictions			Sea-Test Results
		Power Coupled to PTO	Power Converted to Electricity	Dissipated to Viscosity	Measured Electrical Power
	(W/m)	(Watts)	(Watts)	(Watts)	(Watts)
P-M Hs = 1m	1330 W/m	405 W (11.7%)	243 W (7%)	1153 W (33%)	N/A
P-M Hs = 2m	7545 W/m	1560 W (7.9%)	934 W (4.8%)	2490 W (12%)	N/A
P-M Hs = 3m	20800 W/m	2280 W (4.2%)	1370 W (2.5%)	2920 W (5.4%)	N/A
P-M Hs = 4m	42700 W/m	3070 W (2.8%)	1842 W (2.2%)	3330 W (3%)	N/A
P-M Hs = 5m	74600 W/m	4190 W (2.2%)	2510 W (1.3%)	3722 W (1.9%)	N/A
Nov 10, 2011 9-10 PDT	1470 W/m	25 W (0.6%)	14 W (0.4%)	97 W (2.5%)	10W (.3%)
Nov 10, 2011 16-17 PDT	1477 W/m	4.4 W (0.0%)	2.8 W (0.0%)	47 W (1.2%)	148 W (3.8%)
Nov 11, 2011 11-12 PDT	31974 W/m	386 W (0.5%)	238 W (.3%)	1615 W (1.9%)	357 W (0.4%)

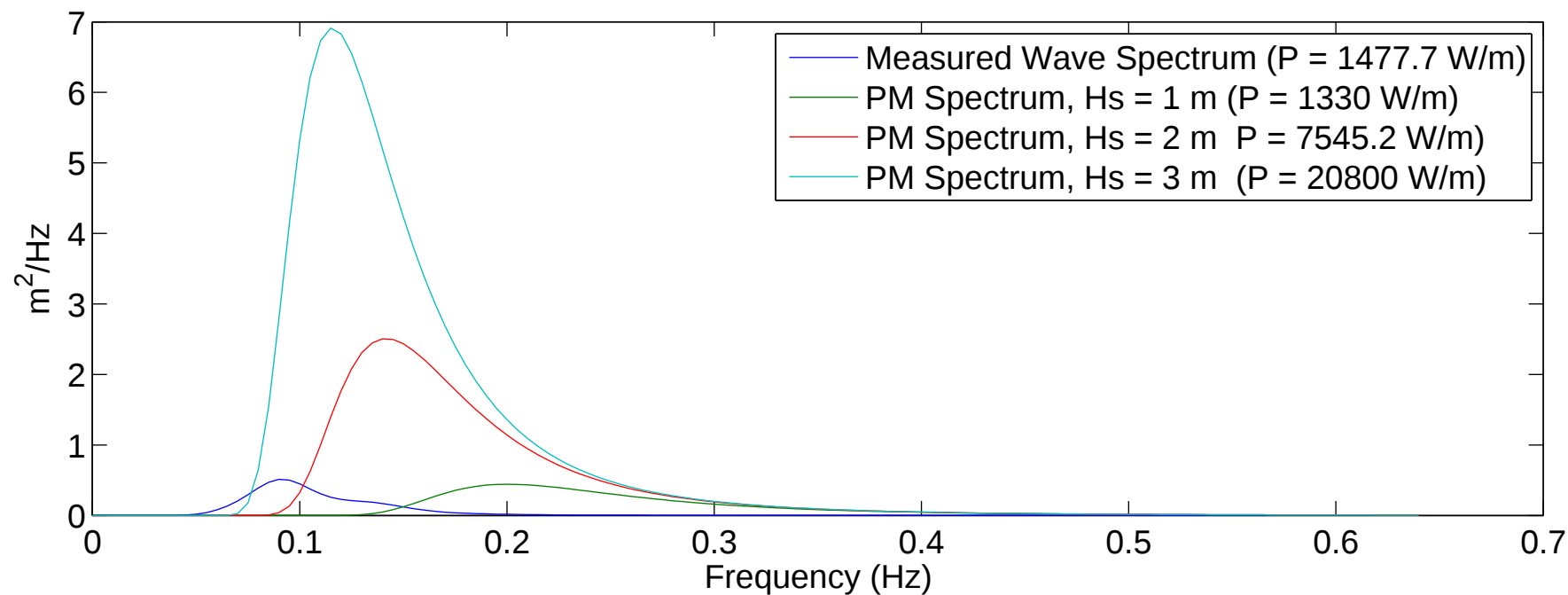
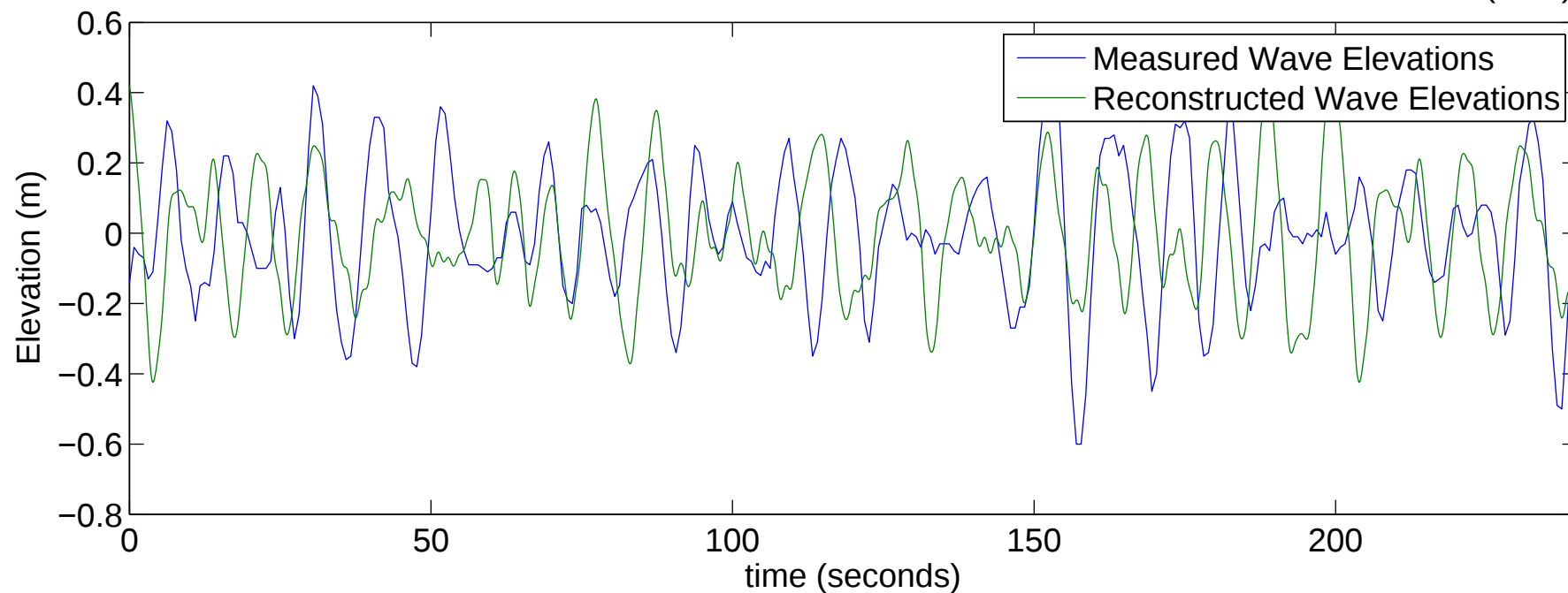
Wave conditions between November-10-2011 09:00:00 and November-10-2011 09:59:59 (PDT)



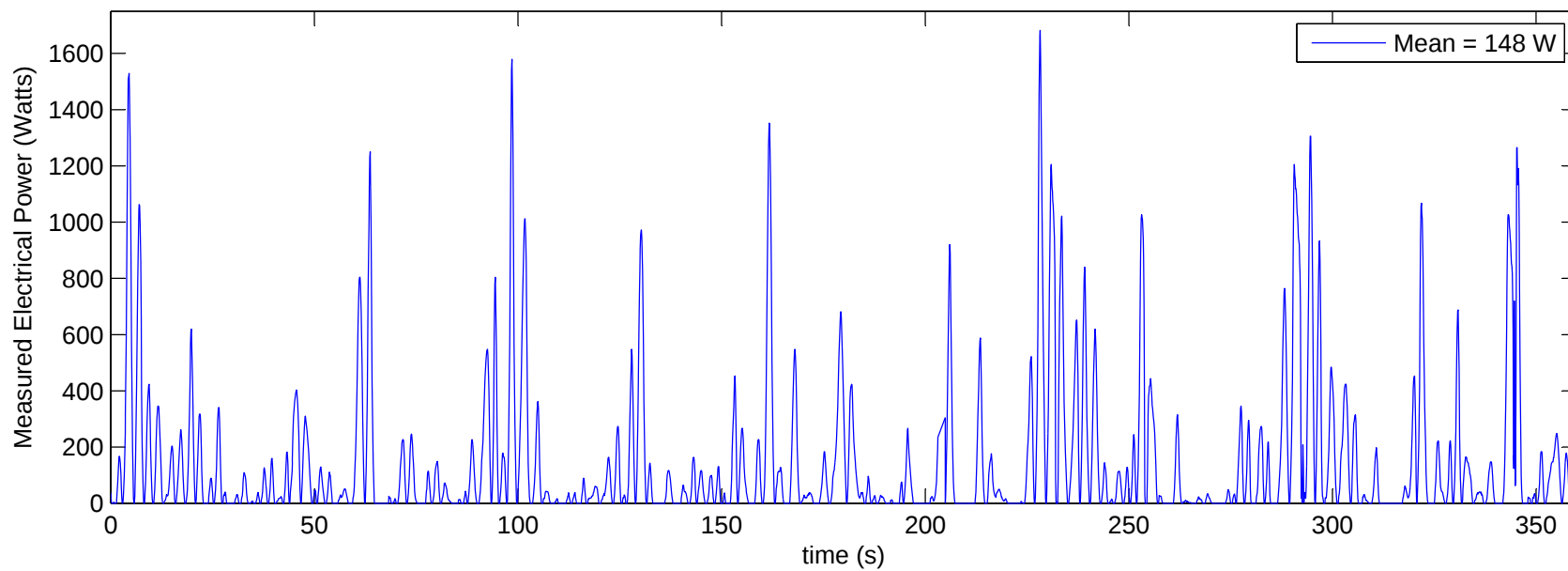
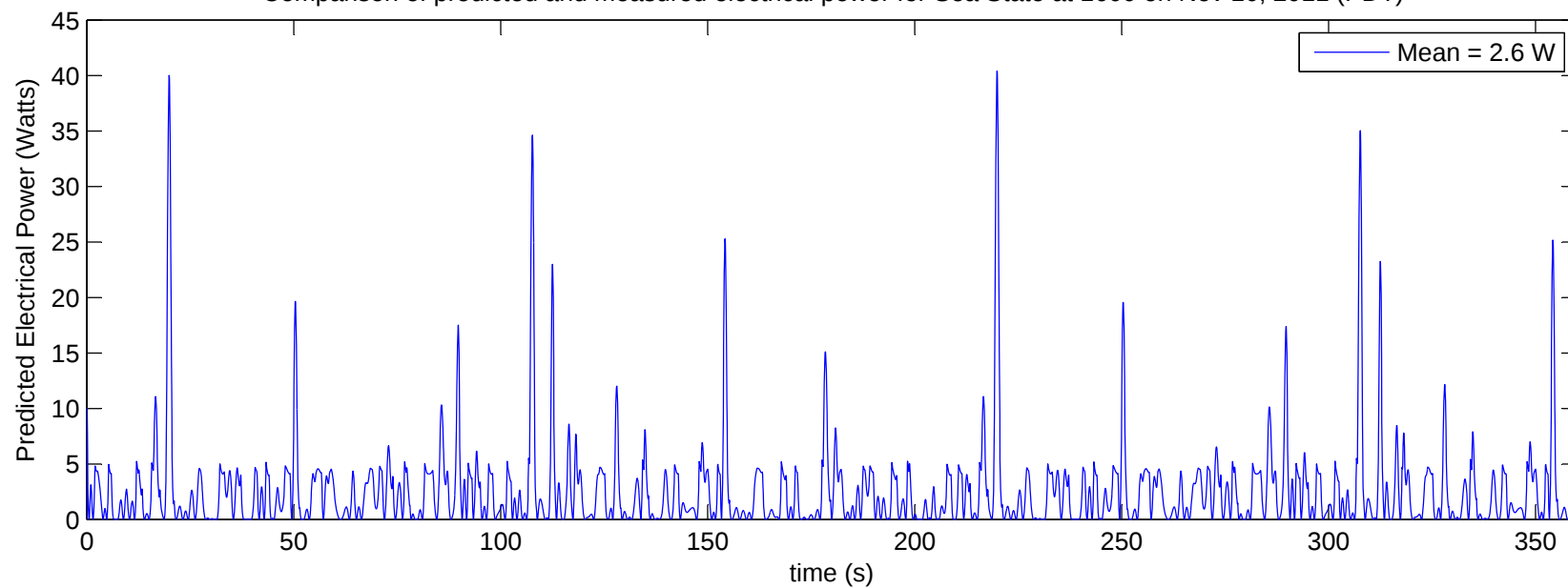
Comparison of predicted and measured electrical power for Sea State at 0900 on Nov 10, 2011 (PDT)



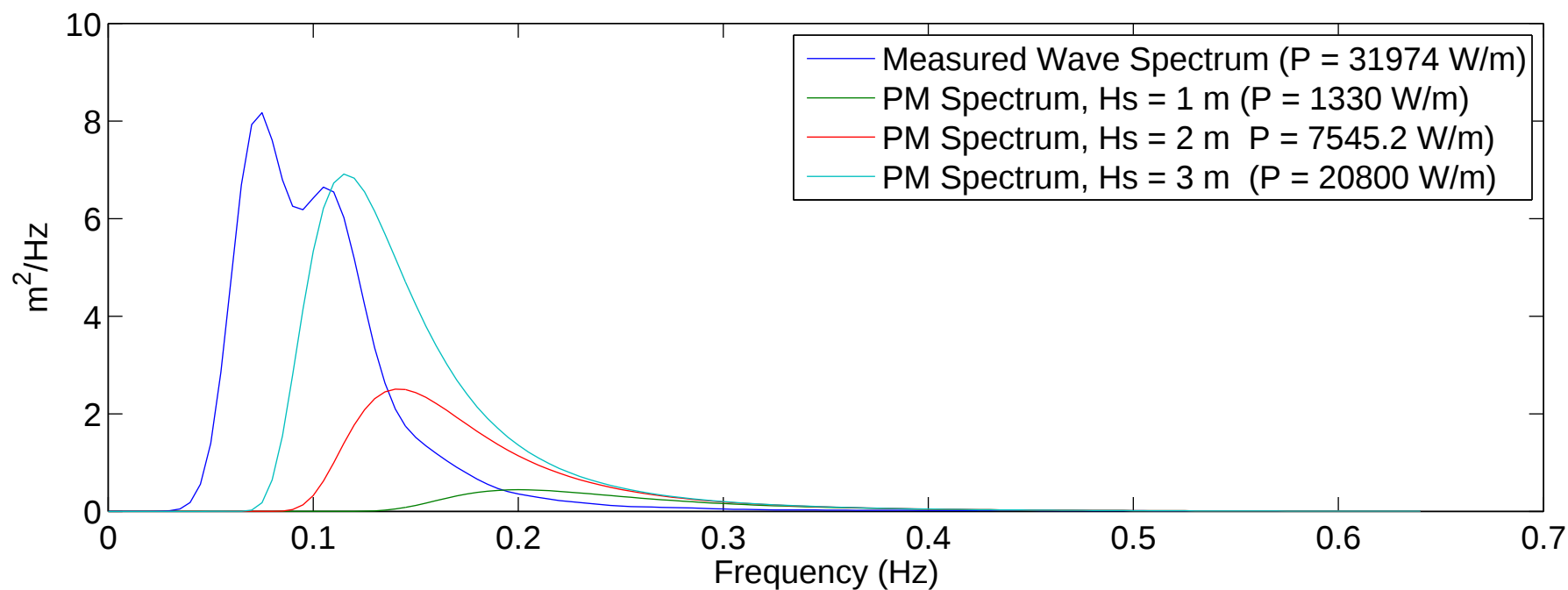
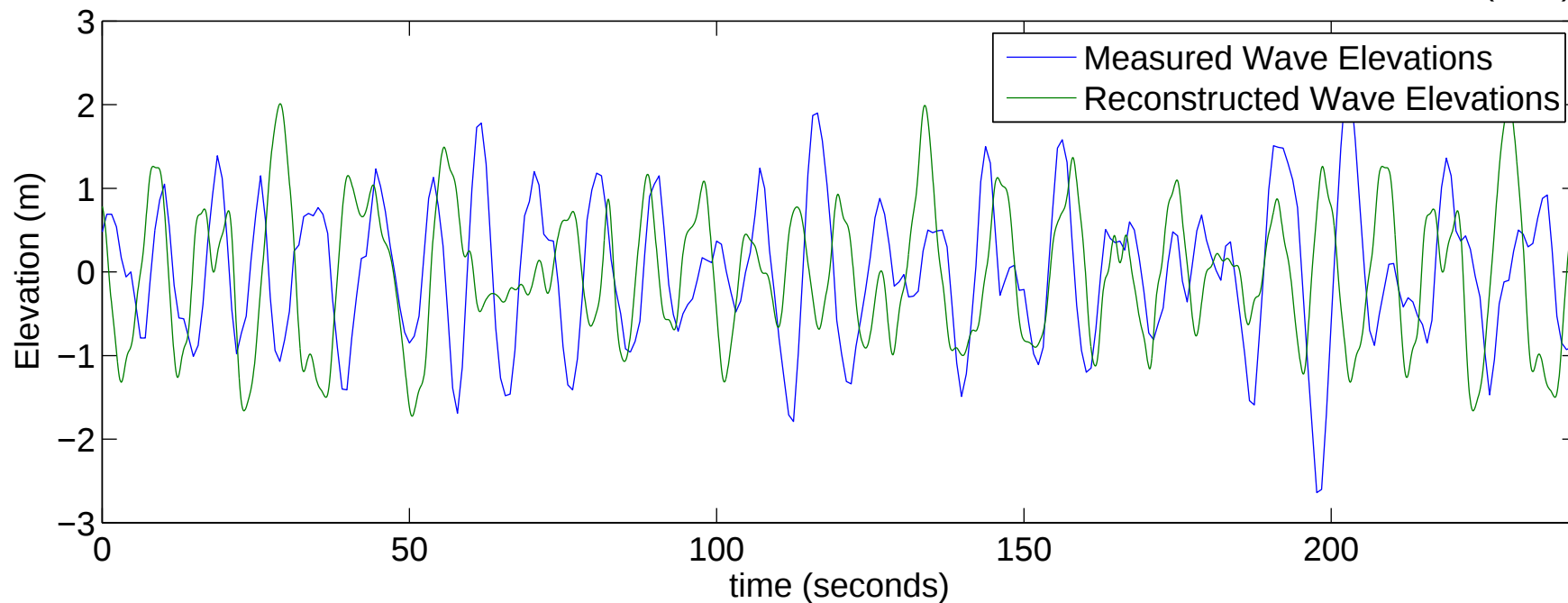
Wave conditions between November-10-2011 16:00:00 and November-10-2011 16:59:59 (PDT)



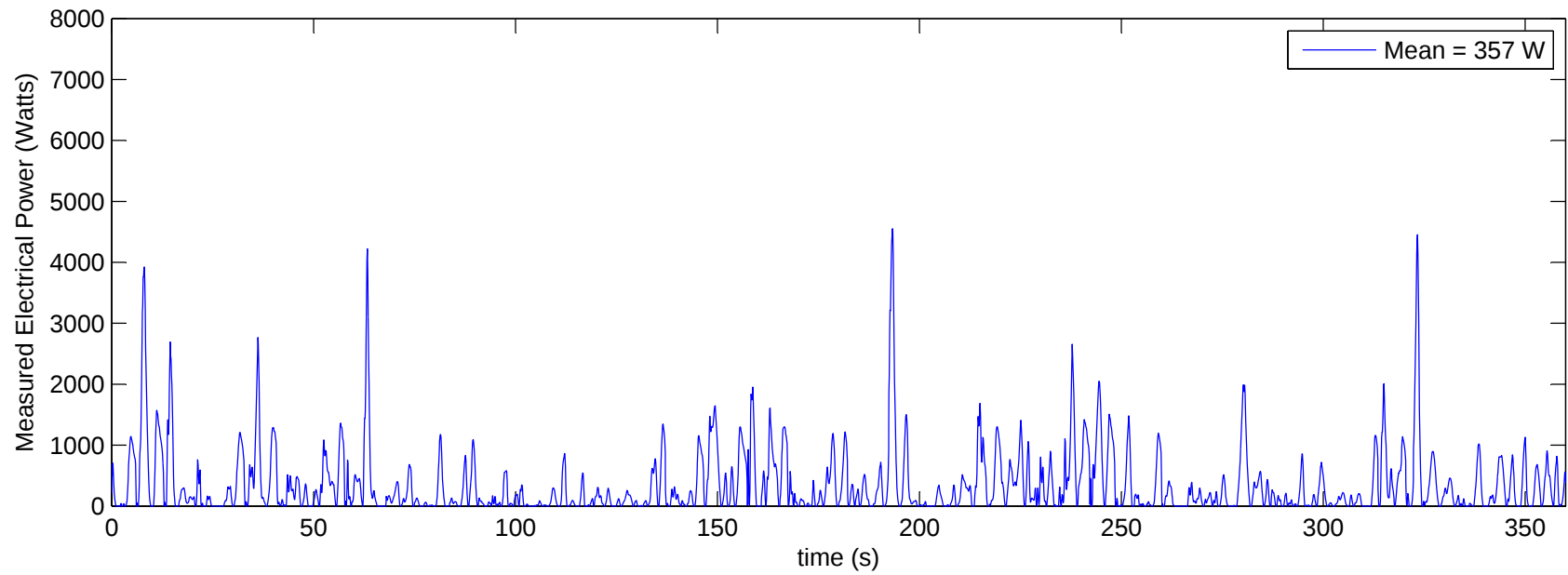
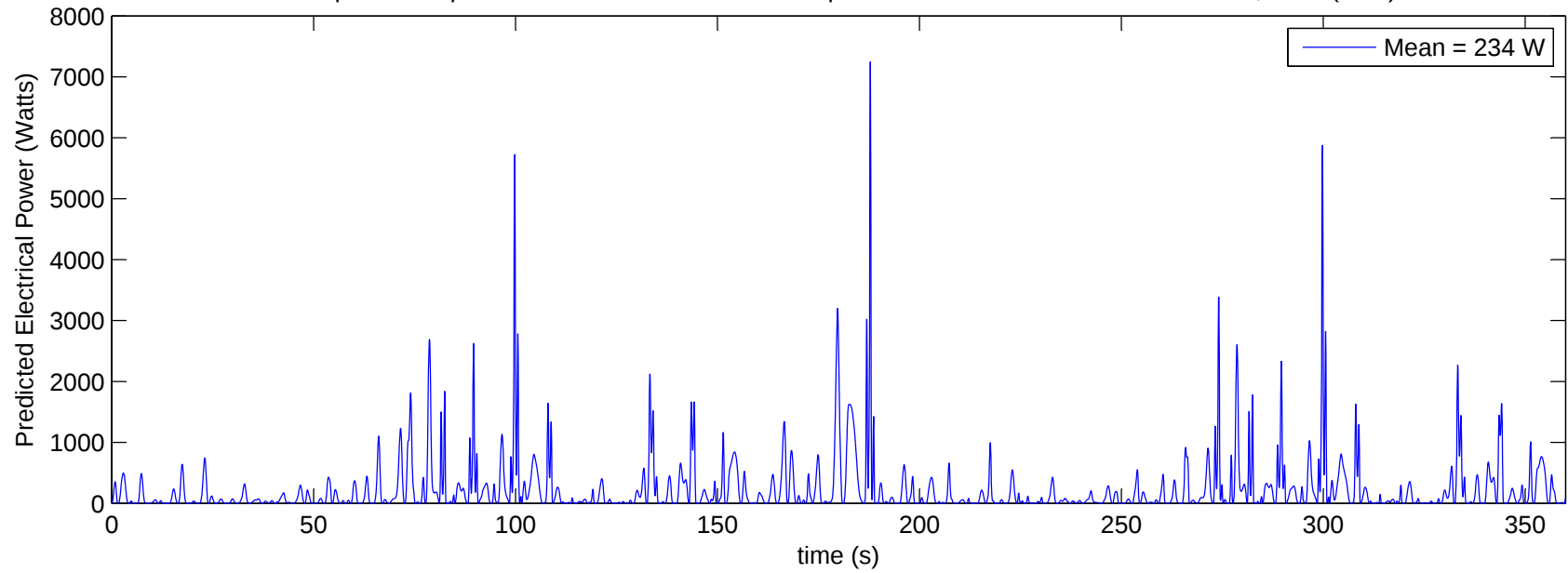
Comparison of predicted and measured electrical power for Sea State at 1600 on Nov 10, 2011 (PDT)



Wave conditions between November-11-2011 11:00:00 and November-11-2011 11:59:59 (PDT)



Comparison of predicted and measured electrical power for Sea State at 1600 on Nov 10, 2011 (PDT)



Wave length versus frequency for deep water waves

