

SGES TALL TOWER SITE COMMISSIONING FORM



I. Site Information

Site Number	0709	Project Number	
Site Name	Elcho	Project Name	FOE R&D
Site Location	Hunting River Road		
Latitude	N 45°25.645	Time Zone	central
Longitude	W 89°10.756	Magnetic Declination	
Datum	WGS84	Prevailing Winds	
Elevation	1644'		
Installation Team Leader	Blecker	Installation Crew	Novash, DeRocher, Dachik, Brooks, Vidas, Clark
Obstruction(s) to the tower/air flow and distances			
Site Description (Topography)			
Soil Type	Sandy Gravel		

II. Commissioning

Commission Date	6/30/05	Removal Date	
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III. Host Information

Host	Chuck and Jan Wetzel	Contact Address	N10984 Hunting River Road Elcho WI 54428
Contact Person			
Phone Number			
Cell Number			
Email Address	wetzeljw@newnorth.net		

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IV. Instrumentation

A. Anemometers (NRG Maximum #40)

	Sensor 1	Sensor 2	Sensor 3	Sensor 4	Sensor 5
• Serial Number	Na	Na	Na	Na	Na
• Monitoring Height	50m	50m	40m	25m	110 ft
• Primary / Redundant	P	R	P	P	P
• Mounting Orientation MAG North	270	180	270	270	270
• Boom Length	43"	43"	43"	43"	43"
• Mount Above Boom					
• Calibrated by:	Na	Na	Na	Na	Na
– Calibration Date					
– Slope (mph/Hz)					
– Offset (mph)					
• Logger Terminal #	1	2	3	4	5
Comments:					

B. Wind Vanes (NRG #200P)

	Sensor 1	Sensor 2
• Monitoring Height	50m	40m
• Mounting Orientation MAG North	0	0
• Boom Length	43"	43"
• Mount Above Boom		
• Deadband Orientation (°)	0	0
• Logger Terminal #	7	8
Comments:	Vane #2 failed upon installation	

C. Temperature Sensor (NRG 110S)

• Monitoring Height	3m	• Slope / Offset (°F)	0.2441/-123.5
• Mounting Orientation	North	• Logger Terminal #	12
Comments:			

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D. NRG Data Logger and iPack

• Logger Type	Symphonie	• Logger Serial Number	30906549
• Enclosure Lock SN		• iPack ESN	
• iPack Serial Number		• Primary Internet Acct.	
• Phone Number		• Password of PIA	
• Phone Company		• Site Internet Acct.	
• SID Number		• Password	
• Home Type		• Average Interval	
• Data Retrieval Method		• Retrieval Interval	
• Mounting Orientation		• Time Update ISP	
• Cell Plan		• Plan Minutes	
• Cell Plan Fee		• Plan Start Date	
Comments:			

F. Tower Type

• Type	NRG TUT	• Height	50m
• Tower Diameter	6"	• Side Boom Diameter	43"
Comments:	Old WRAP tower. Installed #10-1" screw at each sleeve joint.		

V. Photographic Record

- Take pictures in 8 directions at tower base:
 - ___ North
 - ___ Northeast
 - ___ East
 - ___ Southeast
 - ___ South
 - ___ Southwest
 - ___ West
 - ___ Northwest
- Take at least 3 pictures of tower instrumentation.
- Take pictures of each anchor with guy cables attached
- Take pictures of Obstructions to the Air Flow mentioned on Section I "General Site Information".