

SGES TALL TOWER SITE COMMISSIONING FORM



I. Site Information

Site Number	0902	Project Number	NA
Site Name	LTC	Project Name	LTC
Site Location	1290 North Ave., Cleveland, WI LTC Campus		
Latitude	N43d 55' 39.61"	Time Zone	Central
Longitude	W87d 45' 27.2"	Magnetic Declination	3 deg West
Datum	NAD83	Prevailing Winds	
Elevation	695 ft		
Installation Team Leader	Blecker	Installation Crew	Novash, Clark, Durocher, Eigenberger, Adam
Obstruction(s) to the tower/air flow and distances	Scattered mature woodlots: >1000 feet to NE and apprx 800 feet to SE.		
Site Description (Topography)	Mixed ag and commercial. Open field adjacent to Lakeshore Technical College		
Soil Type	Clay/Loam		

II. Commissioning

Commission Date	8/5/04	Removal Date	
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III. Host Information

Host	Lakeshore Technical College	Contact Address	1290 North Ave Cleveland, WI
Contact Person	Jennie Eigenberger		
Phone Number	920-693-1267		
Fax Number			
Email Address			

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IV. Instrumentation

A. Anemometers (NRG Maximum #40)

	Sensor 1	Sensor 2	Sensor 3	Sensor 4	Sensor 5	Sensor 6
• Serial Number						
• Monitoring Height	50m	50m	40m	25m	NA	NA
• Primary / Redundant	P	R	P	P		
• Mounting Orientation TRUE North	270	180	270	270		
• Boom Length	43"	43"	43"	43"		
• Mount Above Boom						
• Calibrated by:	NA	NA	NA	NA		
– Calibration Date						
– Slope (mph/Hz)						
– Offset (mph)						
• Logger Terminal #	1	2	3	4		
Comments:						

B. Wind Vanes (NRG 200P)

	Sensor 1	Sensor 2
• Monitoring Height	50m	
• Mounting Orientation TRUE North	360	360
• Boom Length	43"	43"
• Mount Above Boom		
• Deadband Orientation (°)	0	0
• Logger Terminal #	7	8
Comments:		

C. Temperature Sensor (NRG 110S)

• Monitoring Height	10ft	• Slope / Offset (°F)	0.2441/-123.5
• Mounting Orientation	North	• Logger Terminal #	12
Comments:			

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D. NRG Data Logger

• Logger Type (√)	___ Symphonie Logger		
• Logger Serial Number	30904825	• iPack Serial Number	NA
• ESN Number	NA	• Primary Internet Acct.	NA
• Phone Number	NA	• Password of PIA	NA
• Phone Company	NA	• Site Internet Acct.	NA
• SID Number	NA	• Password	NA
• Home Type	NA	• Average Interval	10 min
• Data Retrieval Method	Manual	• Retrieval Interval	Monthly
• Mounting Orientation	East	• Time Update ISP	NA
Comments:			

E. Tower Type

• Type	NRG TUT	• Height	50m
• Tower Diameter	6 inch	• Side Boom Diameter	NRG std
Comments:			

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”.