

PHASE II QFD

P12401

	Phase I Relative Weights	Part Characteristics															
		Wind Turbine	Battery	Monitoring System	Mounting Stand	Enclosure											
<b>Engineering Metrics</b>																	
<i>Robust Against Accidental Drops</i>	3%	3	3			3											
<i>Ambient Operating Temperature</i>	7%	3	9	3		3											
<i>Ambient Operating Humidity</i>	7%	3	9	3		3											
<i>Minimum Operating Wind Speed</i>	8%	9			9												
<i>Maximum Operating Wind Speed</i>	9%	9			9												
<i>Ease of Use</i>	7%																
<i>Meet Agency Requirements</i>	3%	3	3		3												
<i>System Reliability</i>	7%	3	3			3											
<i>Design for User Assembly/Disassembly</i>	2%				9												
<i>Design for Service by Users</i>	2%	3	3		3	3											
<i>Minimal Space Requirements</i>	2%		3														
<i>Maximum Rotor Diameter</i>	5%	9			1												
<i>Storage battery reliability</i>	11%	3	9			1											
<i>Min req'd Energy Storage Capability</i>	8%	3	9														
<i>Max System Charge Capability</i>	8%	9	9														
<i>Component Weight</i>	3%	3	1		3	3											
<i>Wire Length</i>	1%	3	3			1											
<i>Simple Wire Connection</i>	1%	3	3	3	1												
<i>Modularity For Future Systems</i>	2%	3	3	3													
<b>Raw score</b>		4.4	4.5	0.5	2.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Relative Weight</b>		35%	36%	4%	16%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%