

48 15 Wind Energy Electrical Power Generation Equipment

48 15 13 – Wind Turbines

48 15 13.50 Wind Turbines and Components

		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0010	WIND TURBINES & COMPONENTS									
0500	Complete system, grid connected									
1000	20 kW, 31' diam., incl. labor & material	G			System				49,900	49,900
2000	2.4 kW, 12' diam., incl. labor & material	G			"				18,000	18,000
2900	Component system									
3200	1,000 W, 9' diam.	G	1 Elec	2.05	3.902	Ea.	1,500	258	1,758	2,025
3400	Mounting hardware									
3500	30' guyed tower kit	G	2 Clab	5.12	3.125	Ea.	425	143	568	675
3505	3' galvanized helical earth screw	G	1 Clab	8	1		59.50	45.50	105	134
3510	Attic mount kit	G	1 Rofc	2.56	3.125		247	155	402	525
3520	Roof mount kit	G	1 Clab	3.41	2.346		252	107	359	435
8900	Equipment									
9100	DC to AC inverter for, 48 V, 4,000 W	G	1 Elec	2	4	Ea.	2,175	265	2,440	2,800