

COMMERCIAL SOLAR PHOTOVOLTAIC SYSTEMS

clean, safe, sustainable electricity

Dovetail Solar and Wind offers a full line of solar & wind energy systems that include professional turn-key installation. Grants are available for many Ohio customers. All systems are eligible for 30% Federal tax credit and 5 year depreciation.

Direct Grid-Tie PV Systems (net metering)						
Solar PV System	The Office	The Partnership	The Firm	The Shop	The Building	The Plant
STC Rating	5 kW	13 kW	32 kW	40 kW	80 kW	107 kW
Area (Flush/10° tilt)	410ft. ² 580ft. ²	1,120ft. ² 1,580ft. ²	2,690ft. ² 3,800ft. ²	3,360ft. ² 4,740ft. ²	6,720ft. ² 9,480ft. ²	8,960ft. ² 12,650ft. ²
Estimated monthly energy output*						
Monthly Average	470 kWh	1,280 kWh	3,060 kWh	3,830 kWh	7,660 kWh	10,220 kWh
Major System Components						
Inverter	PVP 4600	Solectria PVI-13	PVP-30	3 Solectria PVI-13	PVP-75	PVP-100
Modules	22 Sharp ND-224	60 Sharp ND-224	144 Sharp ND-224	180 Sharp ND-224	360 Sharp ND-224	480 Sharp ND-224
String Sizes/Watts	2x11 4,928W	6x10 13,440W	12x12 32,256W	(3) 6x10 40,320	30x12 80,640W	40x12, 107,520W
Estimated Total Installed Cost						
Cost per Watt	\$8.64/watt	\$8.24/watt	\$7.88/watt	\$7.79/watt	\$7.36/watt	\$6.98/watt
Installed Price	\$42,600	\$110,800	\$254,177	\$314,100	\$593,500	\$750,500

* Energy Estimates typical for Ohio at 25° to 40° panel angle facing south. Southern Ohio can be 5% to 8% higher.

Mounting on a flat roof at a lower angle will reduce average energy output by 5% to 10%

We carry UniSolar and Schuco building-integrated PV products and provide engineering and design services.

Estimated prices include flush roof mounting. Flat ballast, awning, canopy, pole & ground mounting options with various tilt angles are available.

Systems are typically grid-tied with net metering. Systems without batteries or a backup generator will NOT function during grid failure.

Prices are list installed cost for typical systems. Grants, tax credits, and depreciation will significantly reduce net cost.

A custom system is always designed to meet your specific project and building needs. Prices are subject to change.



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www.dovetailsolar.com