

Ground-mounted RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEMS

clean, safe, renewable electricity generation

Dovetail Solar and Wind offers a broad range of solar electric systems, all including professional installation.

All sample systems are ground-mounted, and qualify for a 30% Federal Investment Tax Credit.

Ground Mounted, Direct Grid-Tie (net metering)				
System Size	3.1 kW	4.1 kW	6.1 kW	9.2 kW
Approx Shade Free Area Required	400 sq. ft.	800 sq. ft.	1,200 sq. ft.	1,800 sq. ft.
Estimated monthly energy output (kWh)*				
Monthly Average	295 kWh	400 kWh	595 kWh	900 kWh
Major System Components				
Modules	(12) US made 255 Watt	(16) US made 255 Watt	(24) US made 255 Watt	(36) US made 255 Watt
Estimated Total Installed Cost				
Installed Price	\$18,750	\$24,300	\$32,900	\$43,750
Financial Incentives & Cost Offsets				
Federal 30% ITC	\$5,625	\$7,290	\$9,870	\$13,125
Net Cost With Tax Credit	\$13,125	\$17,010	\$23,030	\$30,625
Net Monthly Investment with Key Financing^①	\$179.88 for 5 yrs.	\$230.35 for 5 yrs.	\$188.67 for 7 yrs.	\$233.87 for 7 yrs.
Conservative Utility Savings & SREC Income over 25 years ^②	\$20,372	\$27,624	\$41,090	\$62,153
Environmental Impact	138,842 lbs CO2	188,261 lbs CO2	280,038 lbs CO2	423,587 lbs CO2

* Average Solar Energy Production Estimates for Central Ohio at 30o panel angle tilt facing south.

- Above systems are utility-interactive (grid-tied). Systems without batteries will NOT function during grid failure. Battery option available.
- Estimated prices are for ground mounting. Many alternative mounting and inverter options are available.
- Installed Prices are typical for a complete, fully installed system with 5 year warranty. They do NOT include tax credit which reduces your final cost.
- A custom system is always designed to meet your specific building and project needs. Contact Dovetail for your best price.
- ^① KeyBank Home Equity based 1.49% interest financing. Applies 30% tax credit, electricity savings, & SREC income towards monthly payment. No Down Payment required. Interest rate assumes good credit rating, and uses OH ECO-Link interest rate reduction program.
- ^② Based on current Ohio average electric rate of 13 cents/kWh, with only 3.5% annual inflation, and selling system produced SRECs at 25% of the SREC Compliance values that are specified in Ohio SB221 through 2025. Note: average Ohio residential electric rates have increased more than 20% in the last 5 years.
- Environmental Impact is the pounds of Carbon Dioxide (CO2) avoided that would have been emitted by a coal fired power plant to produce the same amount of electricity over 25 years.



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