

Roof-mounted RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEMS

clean, safe, renewable electricity generation

Dovetail offers a broad range of solar electric systems, all include professional installation and a five year system warranty.
Sample systems below are flush-mounted on an asphalt shingle roof. They qualify for a 30% Federal Investment Tax Credit.

Direct Grid-Tie (net metering)					
System Size	3.42 kW	5.13 kW	6.84 kW	9.12 kW	12.54 kW
Approx Shade Free Area Required	282 sq. ft.	423 sq. ft.	565 sq. ft.	753 sq. ft.	1,036 sq. ft.
Estimated monthly energy output (kWh)*					
Monthly Average	359 kWh	539 kWh	718 kWh	958 kWh	1,317 kWh
Major System Components					
Inverter	SolarEdge 3000	SolarEdge 5000	SolarEdge 6000	SolarEdge 7600	SolarEdge 11400
USA made Modules	(12) 285 Watt	(18) 285 Watt	(24) 285 Watt	(32) 285 Watt	(44) 285 Watt
Estimated Total Installed Cost					
Installed Price	\$14,804	\$18,994	\$23,239	\$29,267	\$38,248
Financial Incentives & Cost Offsets					
Federal 30% ITC	\$4,441	\$5,698	\$6,972	\$8,780	\$11,474
Net Cost After Investment Tax Credit	\$10,363	\$13,296	\$16,267	\$20,487	\$26,774
Net Monthly Investment with Financing^①	\$122.28 for 5 yrs.	\$144.03 for 5 yrs.	\$199.06 for 5 yrs.	\$103.31 for 7 yrs.	\$124.25 for 7 yrs.
Estimated Total Utility Savings & SREC Income over 25 years ^②	\$24,312	\$36,469	\$48,625	\$64,833	\$89,146
Environmental Impact	169,011 lbs CO2	253,517 lbs CO2	338,022 lbs CO2	450,696 lbs CO2	619,707 lbs CO2

- Systems are grid-tied/net metering. Systems include module level power-optimizers, but not batteries. No power during grid failure. Battery option available.
- Estimated prices are for flush-mounted system on an asphalt shingle roof. Many alternative mounting options are available.
- Installed Prices are for typical configuration of a complete, fully installed system using USA made modules. Includes a 5 year comprehensive system warranty.
- A custom system is always designed to meet your specific building and project needs. Contact Dovetail for your best price. FINANCING AVAILABLE.
- ^① **Approximate net monthly payment with Home Equity financing. Applies 30% tax credit, electricity savings, & SREC income towards monthly payment. No Down Payment required. Interest rate used assumes good credit rating. Amounts only illustrative. We will provide your specific rate quote.**
- ^②Based on current Ohio average electric rate of 14 cents/kWh, with 3.5% annual inflation, and selling system produced SRECs at 9% of the SREC values that are specified in Ohio SB221 through 2027. 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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