



## Residential Photovoltaic (PV) System Example\*



This 27 module, 6.21 kW system will generate approximately 9500kWh/year

*\*System size (kW) depends on energy (kWh) usage and the energy produced by a solar PV system is influenced by the tilt angle, orientation, shading and efficiency of the solar modules. Here are two typical size and cost illustrations:*

	Small 4kW	Larger 7.5kW
Estimated Energy Generated/year	6200 kWh	11,500 kWh
Total System Cost	\$ 17,000	\$ 31,875
Xcel Energy Rebate	\$ 7,000	\$ 13,125
<b>Purchase Price</b>	<b>\$ 10,000</b>	<b>\$ 18,750</b>
Federal Tax Credit (30%)	\$ 3,000	\$ 5,625
<b>Net system cost</b>	<b>\$ 7,000</b>	<b>\$ 13,125</b>
Payback period (approximately)	<b>7 years</b>	<b>7 years</b>

Design and installation by *HomeSmart Solar's* authorized service partners.

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