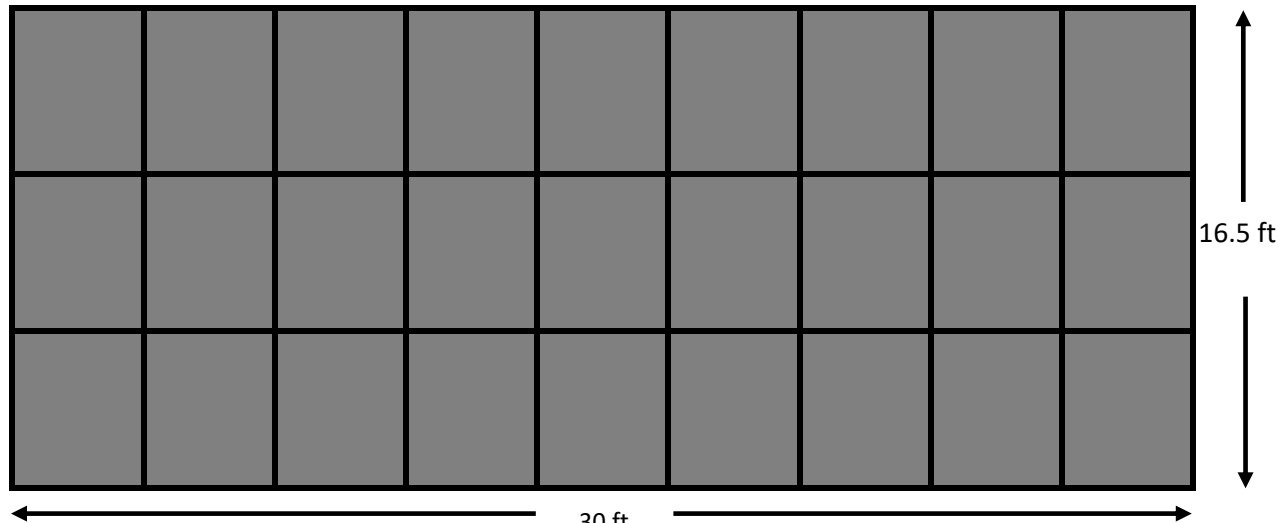


### Rooftop Solar Array Prices - 2017

	Frame: Black		Backsheet: Black		Technology: Mono		South Facing Roof		No Shading	
# of Panels (3 rows portrait)	18	21	24	27	30	33	36	39	42	45
Roof Area Required (sf)	327	381	436	490	545	599	653	708	762	817
Width of Array (Ht=16.5 ft)	20	23	26	30	33	36	40	43	46	50
Module Watts (DC-STC)	290	290	290	290	290	290	290	290	290	290
Array Size (Watts)	5,220	6,090	6,960	7,830	8,700	9,570	10,440	11,310	12,180	13,050
<b>Array Size (kW)</b>	<b>5.2</b>	<b>6.1</b>	<b>7.0</b>	<b>7.8</b>	<b>8.7</b>	<b>9.6</b>	<b>10.4</b>	<b>11.3</b>	<b>12.2</b>	<b>13.1</b>
Annual Energy (kWh)	6,000	7,000	8,000	9,000	10,010	11,010	12,010	13,010	14,010	15,010
Monthly Energy (kWh)	500	583	667	750	834	918	1001	1084	1168	1251
<b>Total System Installed Cost</b>	<b>\$14,100</b>	<b>\$15,600</b>	<b>\$17,100</b>	<b>\$18,700</b>	<b>\$20,200</b>	<b>\$22,000</b>	<b>\$23,400</b>	<b>\$24,800</b>	<b>\$26,300</b>	<b>\$27,800</b>
Specific Power Cost (\$/watt)	<b>\$2.70</b>	<b>\$2.56</b>	<b>\$2.46</b>	<b>\$2.39</b>	<b>\$2.32</b>	<b>\$2.30</b>	<b>\$2.24</b>	<b>\$2.19</b>	<b>\$2.16</b>	<b>\$2.13</b>
Spec Energy Cost (\$/kWh/year)	\$2.35	\$2.23	\$2.14	\$2.08	\$2.02	\$2.00	\$1.95	\$1.91	\$1.88	\$1.85
System Net Cost (after 30% cr)	\$9,870	\$10,920	\$11,970	\$13,090	\$14,140	\$15,400	\$16,380	\$17,360	\$18,410	\$19,460
Cherryland Rebate	\$450	\$540	\$540	\$684	\$684	\$900	\$900	\$1,026	\$1,026	\$1,026
Net Cost with all Incentives	\$9,420	\$10,380	\$11,430	\$12,406	\$13,456	\$14,500	\$15,480	\$16,334	\$17,384	\$18,434

Assumptions: One continuous roof surface, first floor eave, electrical panel within 75 ft, shingle roof, slope under 6/12  
 Adders (\$/watt): 2nd story eave (\$0.25); Metal roof (\$0.10); Steep roof (\$0.15); Long electrical run (\$0.05-0.10)

### 27 Panel Solar Array



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