



# Sustainable Technologies



## Solar Power



Sustainable Technologies is very proud to have been a part of the creation of the REACH ASHLAND YOUTH CENTER. The 144 Photo Voltaic Panels we installed help the center save over \$1,000 a month. Like the investment the community is making in their youths' education, we are investing in renewable energy for their future as well.



### Stats & Environmental Info:

144 Solar World 255 watt panels gives this system a 36.72-kilowatt potential

The Solar System was built in five arrays:  
Two arrays of 36 panels & three arrays of 24 panels

Pointed SW at a 10-degree angle, this design captures the afternoon sun rather than the foggy morning sun

Every few weeks the system saves the equivalent of two oil barrels. Every 6 months of operation the system has spared our atmosphere almost 19,000 lbs. of CO<sub>2</sub>

Earthquake rated racking system

Helped the building achieve Platinum LEED Certification

**If you are interested in keeping up with the production of the Reach AYC Solar PV System please visit:**

**<http://sustainabletech.solarlog-web.net/2566.html>**

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