

FACTSHEET

Baldock Solar Highway *The largest solar highway in the U.S.!*

What?

The Baldock Solar Highway project will be an array of solar panels sitting on state-owned right of way, generating renewable solar power that feeds into the Portland General Electric grid. It involves:

- Seven acres of vacant property owned by the Oregon Department of Transportation.
- 6,994 250-watt SolarWorld panels that make up a 1.75 Megawatt solar array.
- Generating up to 1.97 million kilowatt-hours of clean, renewable energy — the equivalent of nearly 12 percent of ODOT's need in the Portland General Electric service area...
- Enough to supply electricity to 165 homes a year!

Where?

The Baldock Solar Highway project is south of Wilsonville along northbound Interstate 5 in Clackamas County, at the eastern edge of the rest area.

Why?

In addition to generating clean, renewable energy to power the transportation system, the project will:

- Create or sustain approximately 60 – 70 direct and indirect jobs.
- Help the state (and ODOT) move closer to meeting renewable energy goals.
- Use “all Oregon” businesses, including solar panel and inverter manufacturing, project design, operation and maintenance, lighting, construction, consulting, and other related products and services.
- Reflect state and national energy policy direction to develop sustainable energy resources.

When?

Construction began in August 2011 and will take about six months to complete. Plans are for the array to begin producing renewable energy in early 2012.

How?

The Baldock Solar Highway, which will cost approximately \$10 million to build, is being paid for through a public private partnership similar to the one that paid for the nation's first solar highway project at the I-5/I-205 interchange near Portland. For the Baldock project, PGE has formed a partnership with Bank of America. Like the demonstration project, the Baldock Solar Highway is made possible through a combination of public investment, private financing, utility incentives, and tax credits, including the Oregon Business Energy Tax Credit (BETC)* and the federal Investment Tax Credit. PGE's Clean Wind fund and grant funding through the U.S. Department of Energy also support the Oregon Solar Highway.

Energy Trust of Oregon will provide utility incentive funding to the project and in return will receive a majority of the renewable energy certificates generated during the first 25 years of project operation. These RECs will be retired on behalf of PGE's customers, including the State of Oregon. PGE's Clean Wind Fund and ODOT will receive the remaining RECs for the first 25 years. PGE and ODOT will share equally in all RECs generated after the 25th year. ODOT's portion of the RECs will count towards reducing the agency's carbon footprint. ODOT will also receive a small annual site license payment.

*The BETC program is targeted to sunset December 31, 2012.

For ongoing updates, visit www.oregonsolarhighway.com.