

Coquille Indian Housing Authority
Solar Opportunity for Duplexes
Project Information

Description:

- 10 separate systems on 5 different structures.
- 120 modules total (12 per unit) for a DC output of 4,380 watts per unit or 43,800 watts total.

Highlights:

- Easily integrates with the current load panel allowing for easy load panel upgrades in the future.
- All inverters and equipment located on the roof with no tenant access or loss of space
- Module (solar panel) level diagnostics and remote monitoring.
- Maximizes Energy Trust of Oregon rebates, current load panel, and roof space.
- Each system will produce approximately 5,700 kwh per year.

Equipment:

- Modules: All black, mono-crystalline 365 watt with both a 25/25 year performance/product warranty made in Taiwan. Most modules are made in China or a proxy and have a 10-year product warranty.
- Inverters: APSystems DS3-S 640-watt dual channel inverter with integrated Rapid Shut Down. (fully sealed, installed on the roof under the roof). US founded company (pretty sure MFG in Asia. Product video: <https://www.youtube.com/watch?v=99h65s3Y13g>).
- Structural components: Iron Ridge racking and HALO Ultra-Grip roofing attachment. All black to match modules. Product video: <https://www.ironridge.com/component/halo-ultragrip/>