



Stan Tussing and Chuck Waddell of Precision Solar, Heating & Indoor Air Quality stand next to a 20,000-watt solar panel installation atop Marsh's Free Museum in Long Beach.

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The latest project at Marsh's Free Museum was one of approximately 400 installations Tussing has helped complete over the past eight years, he said. In particular, Marsh's upgraded their HVAC, electrical system and added solar power.

"It will now be run by green power," Tussing said. "It's a 100-year-old company. They're old, yet they're modern. They're one business in Long Beach that's using alternative energy for power."

Tussing also installed a comprehensive solar system at The Salt Hotel & Pub in Ilwaco earlier this year.

"We did a huge system at The Salt Hotel — 126 solar panels," Tussing said. "We ran out of roof space, we couldn't go any bigger."

The panels are among the most powerful on the market, he said. "We got the highest-wattage panels made. They'll each go up to 500 watts per panel."

The bifacial solar panels installed at Marsh's and The Salt Hotel have the ability to produce power from both sides, unlike styles that only utilized one side.

"Solar panels have kind of hit a wall. You can only get so much power per square inch. So now what they're doing is taking power

off the back of the panel. It's called a bifacial. It will pick up an additional 30 to 40%," Tussing said.

Misconceptions about solar energy in relation to Pacific Northwest weather abound, Tussing said.

"I had my own misconceptions. I thoroughly believed that it was too cloudy here, that solar wouldn't work here. It wasn't until I installed solar in my own home, purely for the purpose of tax savings, that I saw how well it worked," Tussing said. "But when I saw what it could do for me, I immediately went and got my certifications and started calling customers."

Tussing ultimately feels more people will turn to solar for their energy needs in the future.

"More people are becoming aware of solar. I think what held a lot of people back is they didn't know where to go or who to call," he said.

Those considering a solar installation should expect to pay around \$16,000, depending on what they want to do, Tussing said.

"It's easy for people to get started in solar, they don't need any money down," he said. "The government is promoting it. The tax credits are still really good."



Precision Solar, Heating & Indoor Air Quality owner Stan Tussing observes the work completed at Marsh's Free Museum, a 100-year-old Long Beach business.

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