



Snow-Free Solar



Facilitating Snow Removal from Solar Panels

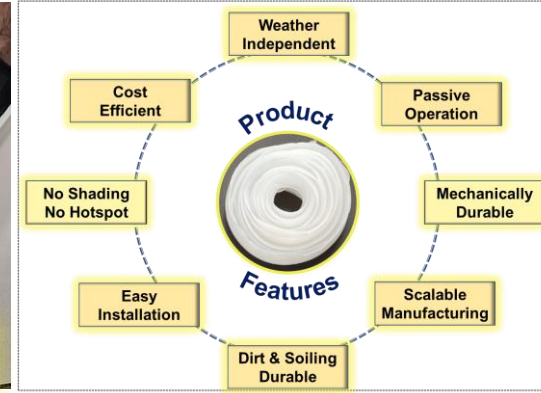
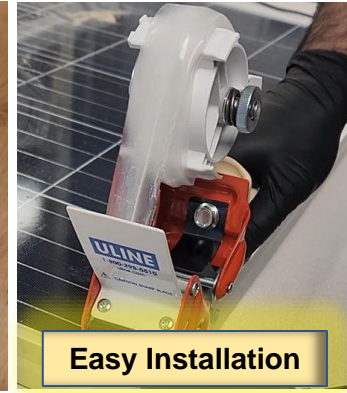
Problem

- ❑ Coverage of solar panels with snow causes **\$250M losses annually** in the US utility-scale solar alone. (Projection annual loss of **\$500M** in 2027)
- ❑ Solar plant operators either **DO NOTHING** or use methods that are **costly, unscalable, inefficient, and damaging**.

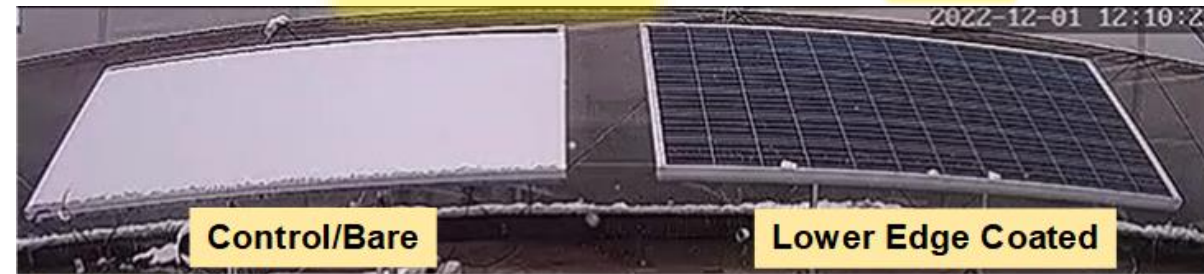


Solution

- ❑ Our team developed a durable **strip coating** that is applied **ONLY** to the **lower edge** of the panel that **facilitates snow removal**.



Easy Installation



Control/Bare

Lower Edge Coated

- ❑ The strip coatings applied to the lower edge of the panels resulted in **> 5% annual improvement in power generation**.
- ❑ Our solution is a game changing technology that can **save** the US utility-scale solar sector **> \$150M annually**.
- ❑ We estimate to reach a production rate of **1 M** strip coatings by the end of 2024.

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Team

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AJ



Noel



Mike



- ❑ Our team is composed of knowledgeable and skillful **researchers** and **entrepreneurs** with prior success in transforming research projects to viable products.
- ❑ Our team conducted **> 150 interviews** with representatives from solar industry. We learned that some companies experienced an annual loss of up to 18% due to snow coverage on their solar panels.