



Snow-Free Solar



Facilitating Snow Removal from Solar Panels

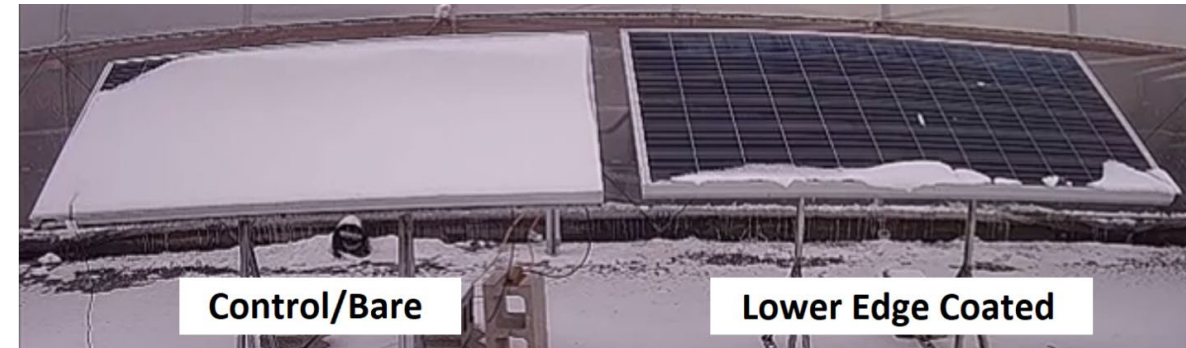
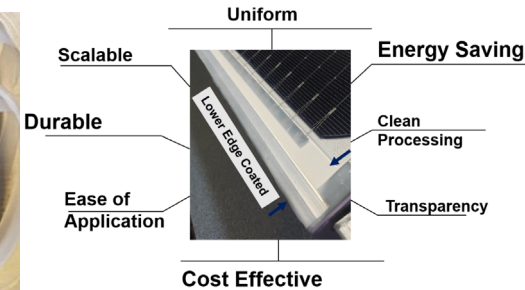
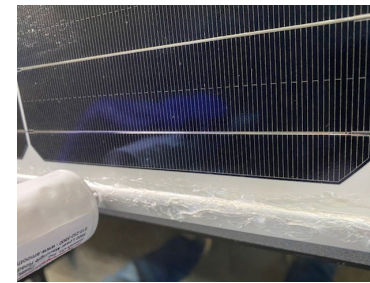
Problem

- ❑ Coverage of solar panels with snow causes > \$ 200 M losses per year in the US in utility-scale solar Alone.
- ❑ Solar plant operators either **DO NOTHING** or use methods that are **costly, unscalable, and inefficient** resulting in **mechanical damages** to the PV modules.



Solution

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



- ❑ The strip coatings applied to the lower edge of the panels resulted in **weeks of in-advance snow removal**.
- ❑ Our solution is a game changing technology that can **save** the US utility-scale solar sector > **\$55 M annually**.
- ❑ We estimate to reach a production rate of **720,000** strip coatings by Mid 2024.

Hossein.Sojoudi@Gmail.Com; 225-200-4910

Team

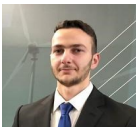
Hossein



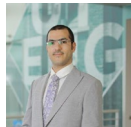
Dan



Hakim



Farshad



Mike



Karl



- ❑ Our team is composed of knowledgeable and skillful **researchers** and **entrepreneurs** with prior success in transforming research projects to viable products.
- ❑ Our team conducted > **120 interviews** with representatives from solar industry. We learned that **ONLY** one company that has ~ **10 % market share** in the U.S. lost > **\$ 4 M per year** in winter due to snow accumulation on their solar panels.