



Snow-Free Solar



Contact-Less 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**.



Team

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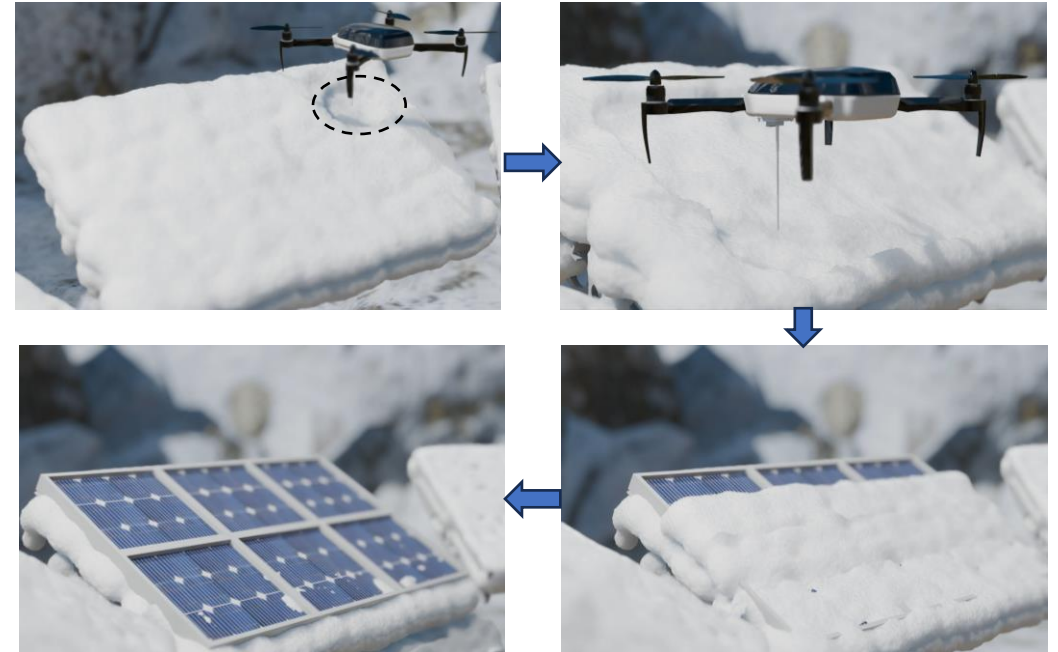
Vicki



- ❑ 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. Over **35 companies** filled out our intake form inquiring about our snow mitigation solution for solar panels with **> 5 GW** capacity.

Solution

- ❑ Our team developed a contact-less and power-efficient method to induce slight melting of snow, leading to its removal from solar panels.



- ❑ Our technology is effective in removal of icy and crusty snow from solar panels in all environmental conditions.
- ❑ Our solution is a game changing technology that can **save** the US utility-scale solar sector **>\$150M annually**.
- ❑ Our estimate indicates **>85 million panels** in snowy regions of the US, in the utility sector alone.

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