



HP SolarOKare



01

Problem Statement

- The dust deposition on the glass surface of the solar panels is one of the critical challenges in solar cell operation.
- Recent studies found that the accumulation of dust reduces the power output by 40%.

02

HP SolarOKare

- A cost-effective formulation for cleaning solar panel dust deposits.
- The formulating is based on the minimum concentration of chemicals.
- Achieves higher cleaning efficiency with better antimicrobial and anticorrosion properties.

03

Performance Evaluation

- The performance evaluation was carried out by external agencies
- HP SolarOKare showed better cleaning efficiency, antimicrobial and corrosion properties compared to the benchmark.

04

Advantages

- Cost-effective
- Less concentration
- Higher efficiency

05

Other Potential Applications

- HP SolarOKare also effective in removing stains and dust particles like –
 - Metal, iron, wood, plastic;
 - Mud, carbon etc;
 - Oil, grease stains