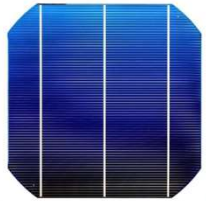


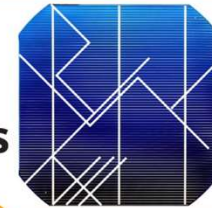
SOLAR PANELS OPERATE OUTSIDE FOR 30+ YEARS



Solar cells form micro-cracks



that worsen from decades of stresses



Cracks in Solar Cells Degrade Electrical Performance

Cracks form from:

manufacturing



shipping



installation,



heavy rain,



Snow loads,



human error

hail, wind

thermal stress

Osazda's technology prevents & heals

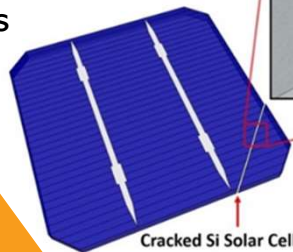
crack-related degradation

saving solar panel manufacturers warranty expenses

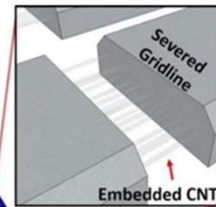
osazda ENERGY

& increasing net-present value for solar farm owners

Offering a \$1.5M increase in NPV for a 100 MW solar farm !

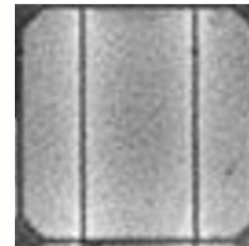


Cracked Si Solar Cell

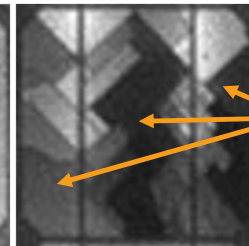


CNT-embedded metallizations electrically bridge cracks

Before



After



Dark = poor electrical performance

Bright = good electrical performance