



Dunne Solar Thermal

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Issue addressed

CO₂ Emissions

90,000 lbs per year



Solar Thermal Solution

- ❖ Flat plate or Evacuated tube collector?
- ❖ What company? Heliodyne, Chromasun, Bosche, etc.
 - ❖ Benson Case study

Data Collection

- ❖ Per unit calculation
 - Solar thermal calculator
- ❖ 86,243 Lbs of CO₂ saved
- ❖ Total system cost of \$47,364; yearly savings of about \$7,371
- ❖ 7 yr payback period



Results

- ❖ Requested \$90,000 from CSIF
- ❖ Heliodyne Gobi-410 flat-plate collector
- ❖ 14 years

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