Providing Utility-Scale Solar Energy to Urban, Rural, Farm, and Wild Lands

Water Transportation is the Largest Single Energy User in theWest, and **Thermo-Electric Generation is the**

Reducing the Power Demand on Thermo-Electric Power

CSSPs Generate Electricity **Reducing Water Consumption** for Power Generation

AUTOMATED DESIGN PROCESS INCLUDES:

Generation of Geometry, Including Sizing of Structural Members **Generation of 3D BIM Model for Easy Drawing Creation** Software Optimizes for Solar Collection and Levelized Cost of Energy **Physically Accurate Solar Power Generation Estimation** Market Based Estimation of Construction Costs Lower LCOE Reduces Return on Investment Term

> Software will Model Secondary and Tertiary Value Added and Savings Including: Micro Climate Increased Power Performance | Savings in Canal Maintenance Increased Water Quality | Compounding Benefits at Utility-Scale

