Solar in SWVA

- Solar Technologies
- Utility-Scale & Distributed/Community Solar
- Project Finance
- Policy & Regulatory
Solar Photovoltaic (PV)

➔ Electricity
➔ use on-site
➔ use some; sell surplus
➔ export to the grid
Solar Thermal

➔ Heat
➔ domestic hot water
➔ space heat
Utility-Scale & Community Solar
Distributed/Community Solar

Who uses electricity?

Public Buildings
Local Food Networks
Wastewater treatment
Businesses
Housing
Schools
Rural Health Clinics
Hospitals

32% by local solar

What if

1,600 job-years
$200 million average annual impacts
770MW needed by 2025
Additional Energy Efficiency jobs
Project Finance

➔ economic case for solar
  ◆ capture value between cost of solar & retail rate
➔ incentives, loans & grants
➔ local authority & mechanisms
➔ integrated capital
  ◆ crowd funding, impact investing, PRI, etc.
➔ sweat equity
Policy & Regulation

→ behind-the-meter
→ net metering
→ permit by rule
→ state & local procurement rules
Make the roadmap by walking