Agenda

• Goals of a site assessment
• Components of an assessment
• How to take action
Goals of a Solar Site Assessment

• Non-biased assessment
• Educate homeowners
• Identify possible locations for panels and Balance of System
• Estimate sizing and output
• Give range of costs and possible incentives
• Useful report for homeowner and installers
Load Analysis

• Past vs Current vs Future
• Conservation and Efficiency

• PV
  • Load shifting
  • Age of major appliances

• Hot Water
  • Lifestyle changes
  • Insulation and maintenance

• Air
  • Energy audit
  • Air sealing and insulation

• $1 on efficiency saves $3-$5 on a system
Panel Locations

- Roof vs ground
- Fixed vs trackers
- Awning, car port or pergola
Solar Window

- Pathfinder readings at potential locations
- Tree coverage assessment
Balance of System Locations

- PV
- Hot Water
- Air
System Sizing

- Potential system size
- Load or space limitations
- Potential output (% of load)
Cost Estimates

- Range of costs
- Potential incentives
Other considerations

- Roof condition
- Existing system condition
Take Action

• Contact an assessor

• MRES

• Prepare for the assessment

• 2 years of energy records (PV)
• Enable access to:
  • Roof
  • Attic
  • Utility room
  • Basement
  • Garage