



Assessing Your Site

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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