Overview

• Purpose of Map
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Purpose of the Solar Map

• To provide owners and developers with information helpful in siting their resource for access to the BPA Transmission System.
Criteria and Scoring

• Scoring is based on a ranking of the following criteria:
  – Irradiance (NREL data)
  – Proximity to transmission lines (34 kV – 230 kV)
  – Proximity to communications
  – Proximity to sub-stations
  – Benefit to South of Allston flowgate

• Scoring
  – Scale 1 to 10
  – Irradiance is triple weighted
  – Proximity is 1 to 10 miles (10 miles = 1 point / 1 mile = 10 points)
  – Scale - Red is best location / Green is worst location
Solar Map Data

• Default Layer
  – Irradiance
  – Major Cities
  – Substations
  – Transmission Lines
  – Benefit to South of Alston flowgate
  – BPA Service Area

• Other Available Layers
  – BPA BA Boundaries
  – Wind/Solar Generation Projects
Solar Map Disclaimers

- There is no assurance of available transmission or transmission service.
- Resource Owners/Developers need to contact their Transmission Account Executive to identify other potential transmission requirements.
- Resource Owners/Developers will have other host utility and local area requirements.
- Interconnecting to BPA transmission lines that are outside BPA’s Balancing Authority Area will require a Resource Owner/Developer to procure transmission from another provider to connect to BPA’s network.
Demo / Q&A / Next Steps

• Additional Feedback can be sent to: BPAsolartaskforce@bpa.gov

• Solar map is located here.

• Interconnection Queue Data (all requests received)
  – Solar will be updated monthly.
  – Wind will be updated annually.