Distributed solar Case studies
CapStone at a Glance

• Based in Redmond, WA
• Serving the wireless industry since 2003
• Providing alternative energy solutions since 2008
• Full turnkey solar co-generation solutions or project consulting
• Actively seeking unregulated (price) rural utilities in AK to develop solar installation with/for.
Case study #1  Mojave Desert project

- Site owned by tower holding company
- 4 wireless carriers on tower
- Site consumed over 2,000 gal./month
- Monthly generator maintenance visits
- 1-2 outages/ year
- Located on BLM land
Case study #2  
Near Flagstaff, AZ 
8,870’ elevation

- Site owned by tower holding company
- 1 carrier in year 1
- 2 carriers in year 2
- 3 carriers in year 3
- Co-generated with diesel and fuel cell (2nd carrier)
- Located on forest service land
Case study #3  Naknek, AK

- Tried to work with utility directly
- 80kW array developed for school
- $12,000+ year in savings to school
- Only .035% of utilities energy sales
- Tremendous community support
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