Redwood Coast Energy Authority
Community Choice Energy Case Study
Local government joint powers agency of the County of Humboldt, the 7 incorporated cities, and the Humboldt Bay Municipal Water District.
Humboldt County, CA

• 135,000 people
• ~4,000 square miles
• 8th lowest median household income in the State
Goal: Maximize the use of local renewable energy while providing competitive rates
Community Benefits

• Local control/priorities
• Environmental quality
• Economic development
• Energy independence
Launch Timeline

• FY14-15: Preliminary exploration
• June 2015: Authorization to proceed ($150K)
• December 2015: Joint Powers Agreement Amendment, RFP for service providers
• Spring-Fall 2016: Technical Study, community input, ordinances, program guidelines
• October 2016: Implementation plan complete
• January 2017: Final approval, launch procurement, customer notification
• May 2017: start of power sales to customers
Roles and Responsibilities

- Procurement & power resources management: TEA – The Energy Authority
- Data management and customer billing/contact management: Calpine Energy Solutions
- Outreach & communications
- In-house staff functions
2018 Power Mix

- Large Hydropower: 47%
- Biomass: 20%
- Wind: 13%
- Solar: 3%
- Geothermal: 8%
- System Power: 9%
Local Renewable Potential

Wind  Solar  Biomass  Off-shore Wind/Wave  Distributed renewables, efficiency, storage
Programs and Projects
Thank you

REDWOOD COAST ENERGY AUTHORITY