



# Utility Purchase of Renewable Energy: How We Do It

**Mark Kapner P.E.**  
**Mark.kapner@austinenergy.com**  
**Senior Strategy Planner**  
**March 14, 2006**





# Features of AE's Recent Solicitation

- Desire to purchase up to 200 MW of renewable energy along with Renewable Energy Credits
- Multiple Awards Possible
- Term Up to 20 years
- Either Power Purchase Agreement and/or sale of facility to AE (using CREBs)
- Prefer fixed non-escalating price for term stated in \$/MWH. If escalated, use GDP Implicit Price Deflator
- AE to take delivery at busbar of -0.fm2rlator





# Information Required

- Location
- Projected Commercial Operations Date
- ERCOT Bus connecting facility to ERCOT transmission
- Expected Capacity and Capacity Factor
- Applicable ERCOT interconnection/transmission studies
- Max and Min capacities
- Ramp rates
- Operational Control and Assignment of the QSE Services
- SCADA / AGC Capabilities
- Mfg Warranties (Assignable to AE)





# Information Required

- Real Estate – Ownership, Easements, Regulatory Authorizations for Use
- Permits, Licenses or Other Approvals
- Scheduled Maintenance
- Projected Forced Outage Rate
- Staffing Plan
  
- Business Organization and Corporate Capability
- Experience in ERCOT Wholesale Market.
- Track Record in Similar Projects





# Proposal Evaluation

- Full Dispatch 25 points
- Demonstrated Corporate Experience 10
- Proposal Financial Strength / Viability 15
- Total Evaluated Cost 50
  
- Interview Optional

