



Center for the Commercialization of Electric Technologies



Discovery Across Texas: Technology Solutions for Wind Integration in ERCOT

November 6, 2014

CCET DAT Face to Face Meeting

Austin, Texas



Center for the Commercialization of Electric Technologies

Discovery Across Texas: Technology Solutions for Wind Integration in ERCOT



- Monthly report for March 2014
- Budget plan status DAT project
- Objectives, Goals and Final Report



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EXECUTIVE SUMMARY

Project Results and reports were presented to the Gulf Coast Power Association in Austin September 29. Final DOE Report preparation has begun. All teams are preparing input.

PRIMARY ISSUES/RISKS



KEY ACCOMPLISHMENTS THIS REPORTING PERIOD

SMT Planning: Data and results of the DR demonstration has been analyzed for possible future work. Final results were reported in the April TPR.

Synchrophasor: Training for transmission companies synchrophasor client software was completed in September. Transmission operator training was held September 16-17, 2014. Security Fabric got agreement with NIST and McAfee on final testing guidelines. Penetration testing and NIST directed testing is on-going.

Future Community: Full Battery testing is continuing at Reese test site. Testing of multiple battery functions is on schedule and completion of testing is planned for mid-November.

Project: Third Husch Blackwell seminar focusing on Battery energy storage, was held September 16.

PLANS FOR NEXT REPORTING PERIOD

SMT Planning: Project part was completed and final results reported in April TPR.

Synchrophasor: Further work on Security Fabric and testing at Texas Tech University is on-going. Work continues to expand the synchrophasor system into the Golden Spread service area, add electric company participants and develop ERCOT alarms. A presentation to NASPI by ERCOT on the Synchrophasor work is planned for October 22-23.

Future Community: Final Critical Peak Pricing events were called in September. Data analysis of all wind incentive and CPP results is underway. Final battery testing expected to be complete by mid-November.

Project: Hold fourth and final Husch Blackwell Webinar on October 14.

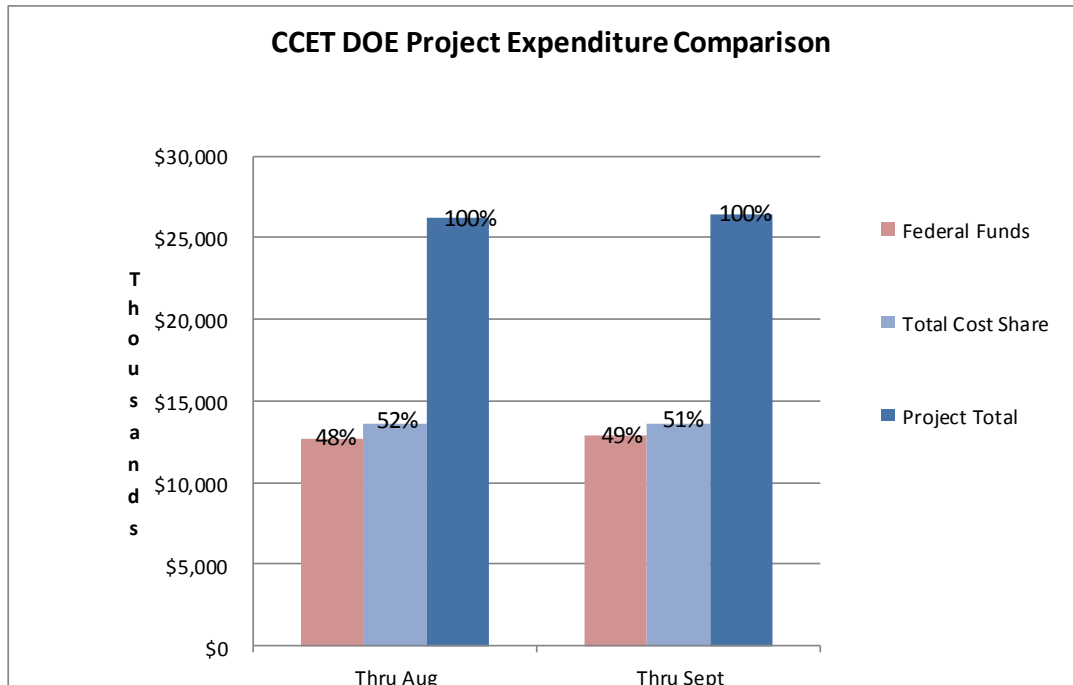


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Milestones, Deliverables and Significant Events October 2014	Target Completion	Current Projection	Status	DOE Milestone or Deliverable?
Husch Blackwell Seminar on Energy Storage	October 14	October 14	Complete	no



EXPENDITURES THROUGH September 2014

Federal Contribution	\$ 12,877,793
Cost Share	\$ 13,560,975
TOTAL PROJECT	\$ 26,438,768



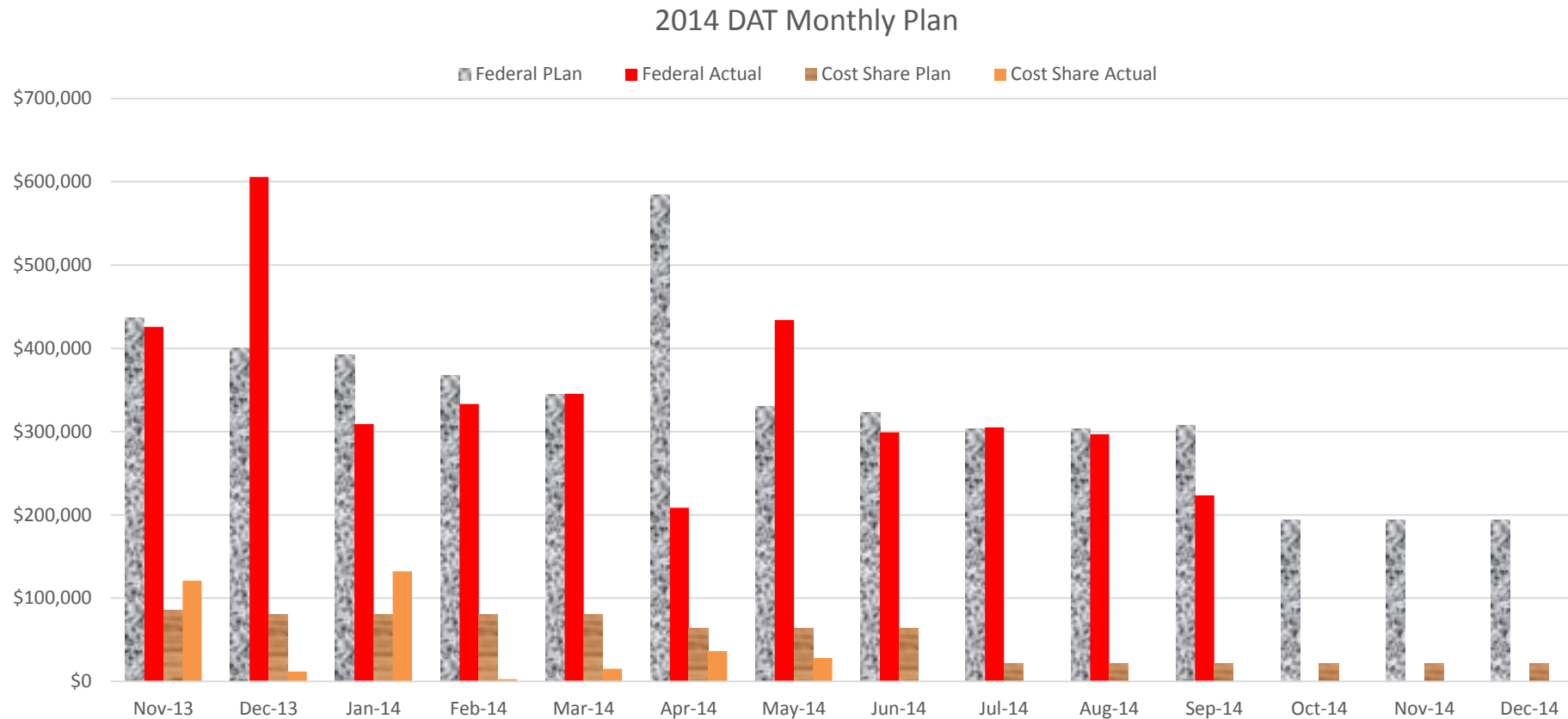


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Monthly Budget Status



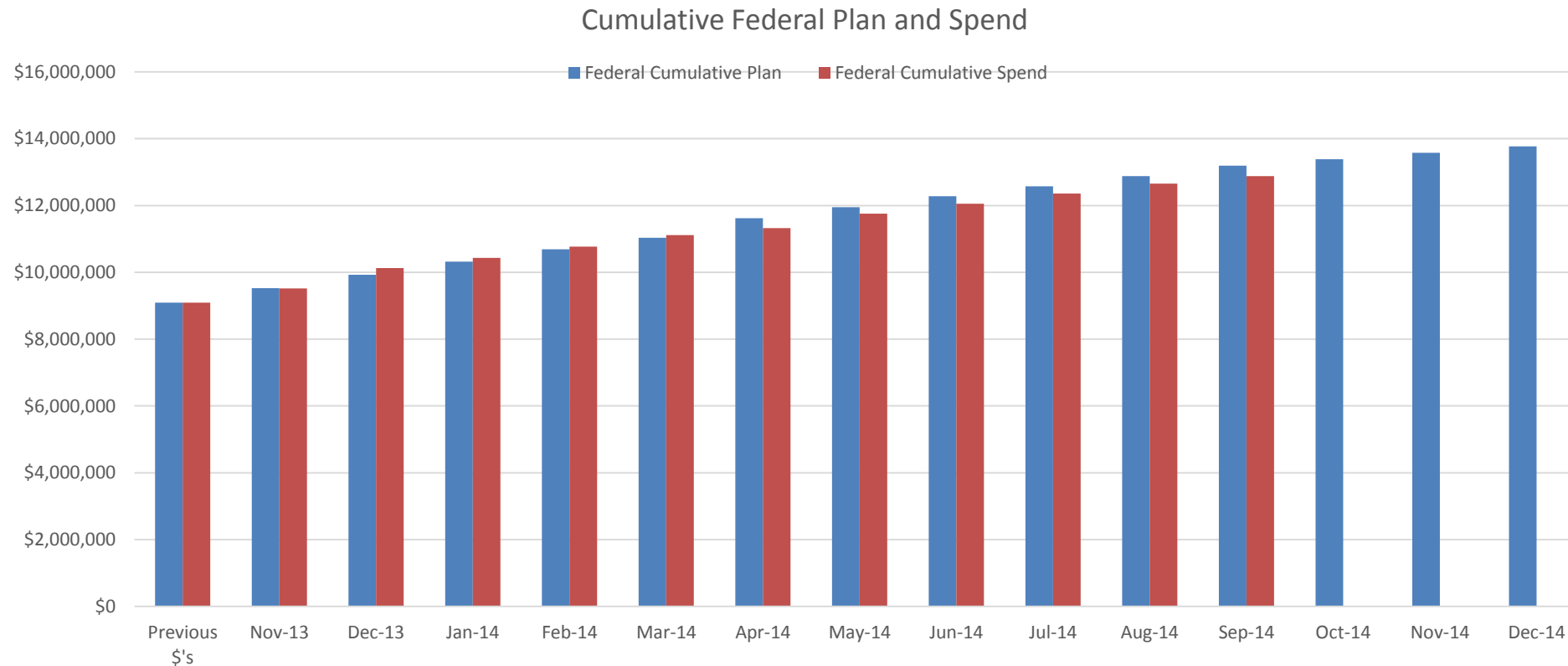


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Cumulative Federal Budget Status





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- **Final Report due December**
- **Final Data gathering and analysis in November**
- **Nearing completion of a very successful project**



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Questions