

Electric Coordination Agreement

May 7, 2025

Board of Public Utilities



LOS ALAMOS

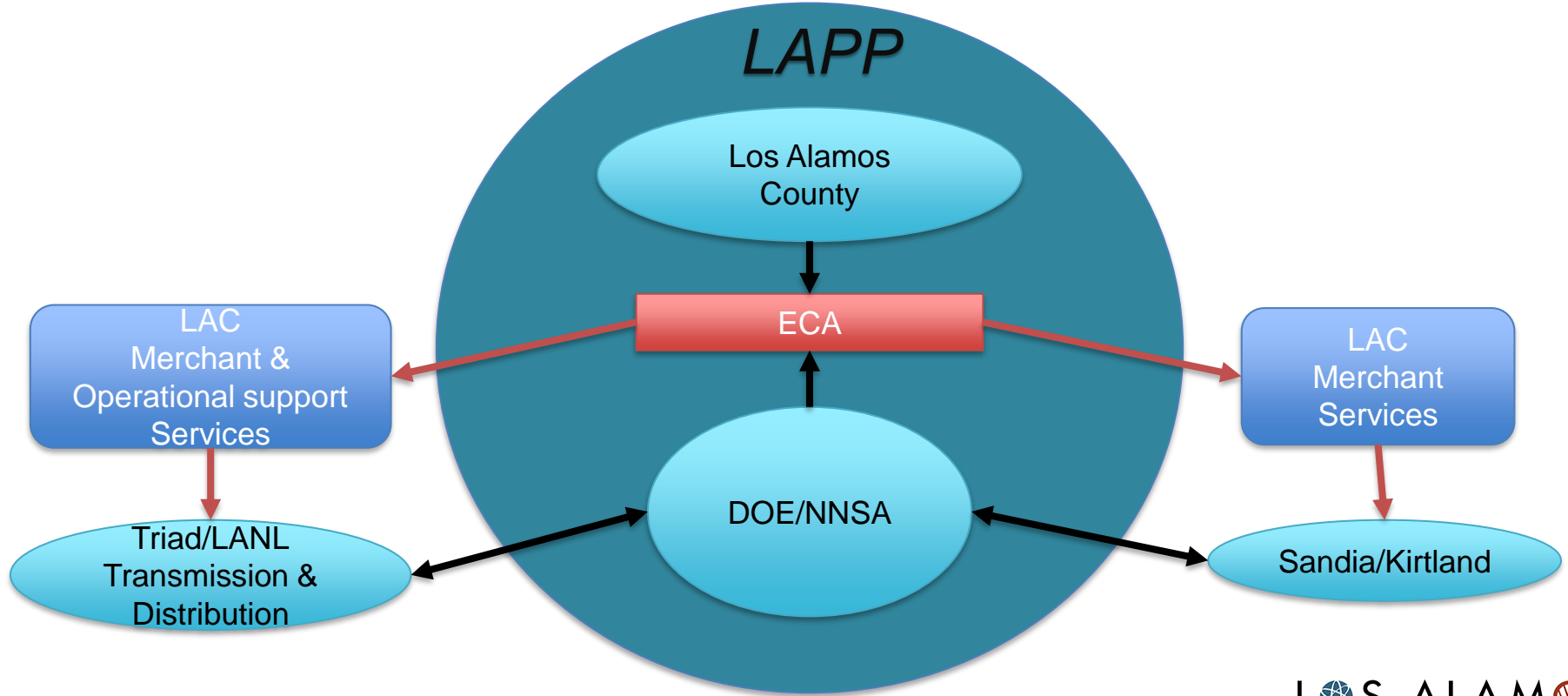
What is the ECA

An agreement between Los Alamos County and DOE/NNSA that began in 1985 to combine power generation and transmission resources to benefit both parties

- Provides opportunities for controlling future power costs
 - Larger combined load allows for economy of scale and more contracting opportunities
 - Shared staff for power scheduling and real-time operations
- Includes cost accounting methods to equitably distribute costs

In 2002 the National Nuclear Security Administration was established as a branch of the Department of Energy and took over responsibility for the ECA. The acronyms NNSA, DOE and LANL may be used interchangeably throughout this presentation.

LAC position in the ECA



ECA changes since 1985

- 24 contract modifications (Mods) since 1985
- Don't have info on Mods 1-7
- Mods 1-18 were combined into a set of “conformed” ECA documents in 1998
- Mods 8-24 are summarized on the following pages
- For more details of Mods 19-24, see the *Combined Mods 19 through 24* attachment to this agenda item
- Approved Operating Procedures revised at five times since January 2010, last revised June 2020

Mods 8-10

MOD 8 1998

- A major revision took place May of 1998 to reflect total contact value starting 1985 through June of 2007; and incorporated all applicable Exhibits and Schedules.
- This included the steam plant turbines 22.5 MW as approved resources.
- Contract value revision of \$377,305,941 and covered Pool contract years July 1, 1985 through June 30, 2007.

MOD 9 2000

- 2 major changes to the ECA took place to include
- MO9 was to include the Static Var Compensator (SVC) as a non-approved pool resource.
- Additionally, DOE negotiated a deal with PNM using the SVC and Los Alamos County's Transmission Service Agreement (TSA) to get up to 10 MW of addition transmission without charge for use of the SVC for grid support.

Mod 10 2000

- MOD 10 was a 3-year term extension.
- Included a \$68,644,264 new total of \$445,950,205.

Mods 11-13

MOD 11 2001

- Revision of Billing Demand Allocation conditions. (Still in use as of 4/7/2025)
- Established June 30th, 2001, and applied to all approved resources dating back to 1997.
- Billing demand for each party is the higher of that party's actual demand at the time of the coincidental monthly system peak during the billing month, or 83% of that party's actual demand at the time of the highest coincidental monthly system peak during the preceding eleven months.

MOD 12 2003

- This modification extending the term of the agreement by three additional years.
- The total amount of contract is increased from \$445,950,205 by \$58,507,457 to \$504,457,665 and covers the Pool Contract term July 1, 1985, through June 30, 2013
- Updated Metering requirements and billing to include line losses.

MOD 13 2005

- DOE transition to NNSA/DOE. This MOD was major and more closely mirrors our current ECA.
- Multiple changes to NNSA from DOE.
- Addition definitions to include Special Purpose Approved Resources (SPAR).
- Multiple complete paragraph revisions relating to resources and cost allocations.
- Additions of SVC, Steam plant turbines and CGTG as a SPAR units.

Mods 14-16

MOD 14
2006

- 2-year contract extension provides time for renewal of 10-year term on a rolling 5-year cycle.
- Addition of Abiquiu low flow unit.
- The total amount of contract is increased from \$504,457,665 by \$431,141,565 to \$547,599,230 and covers the Pool Contract term July 1, 1985, through June 30, 2015.

MOD 15
2008

- Transfer of power dispatch from LANL to Los Alamos County.

MOD 16
2009

- Abiquiu becomes an approved resource.

Mods 17-19

MOD 17 2010

- Updates of Definitions
- TSA becomes Network Interconnection Transmission Service Agreement (NITSA) in 06 with PNM. Update to SVC agreements included in this MOD.
- Addition of Renewable energy credits.

MOD 18 2014

- Added a new 5-year term, update modify contract conditions, update County approved resources, increase contact value, update termination cost reimbursement and excusable delays.
- Contact value increased from \$547,599,230 increase of \$366,054,185 to \$913,653,415 for 5-year term.
- With option 5-year increase from \$913,653,415 to \$1,113,623,185 and increase of \$199,970,000.

MOD 19 2014

- Contract Term update for five-year term and five one-year term options.
- Bond Allocation
- Classification Expenditures
- Addition of Los Alamos Solar project.

Mods 20-22

MOD 20
2018

- WECC and PRS
- CFPP
- Removal of TA3 Turbines 1,2,3.

MOD 21
2020

- Westerns allocation of SLCA/IP is an approved resources.
- Addition of Uniper
- Short term PPAs approved

MOD 22
2021

- Revised WECC compliance TOP NERC Certified.
- Transition of SCADA to DOE/NNSA and added as approved assets.

Mods 23-24

MOD 23
2018

- Updated resources

MOD 24
2020

- Extended contract term to December 31, 2025

2026 ECA Changes beyond the Mods

- Removes of NERC transmission certification requirement for County operators
- Clarification and updates to operational and billing processes
- Updates to the resources, including Foxtail Flats
- Revisions to Operating Committee reporting intervals and deadlines

2026 ECA RESOURCES

- DOE Resources

- TA3-Steam Turbine: (removed with Mod 20)
- Western Transmission
- Western available hydropower (AHP) allocation
- 115kv Line (RL and NL)
- 3rd Transmission line planned
- Substations

- Special Purpose
Approved Resources

- Combustion Gas Turbine Generator
- Static Var Compensator

- Los Alamos County Resources

- Laramie River Generating Station (LRS)
- El Vado Hydro Dam
- Abiquiu Hydro Dam
- Mercuria PPA (term agreement, not specifically listed in the ECA)
- Uniper 15MW & 25MW PPAs(wind + coal + gas) (Mod 21)
- San Juan Generating Station (removed as a resource but retains decommissioning and reclamation language)
- Fox Tail Flats
- Network Integration and Transmission Service Agreement (NITSA) with PNM
- Merchant Services Desk
- Distribution operation & Load Serving Entity (LSE) functions for LANL
- Billing Functions
- Transmission for above resources

Red items: In current ECA, removed for 2026 ECA

Green items: Not in current ECA, added for 2026 ECA

Schedule

- Current ECA with Mod 24 expires December 31, 2025
- Draft 2026 ECA documents under DOE/NNSA review
- Statement of Work and Operating Procedures available for public review