



Item 12: CEO Update

Pablo Vegas
ERCOT President and CEO

Board of Directors Meeting

April 21, 2026

Purpose

This presentation highlights ERCOT's planning activities and strategic areas of focus.

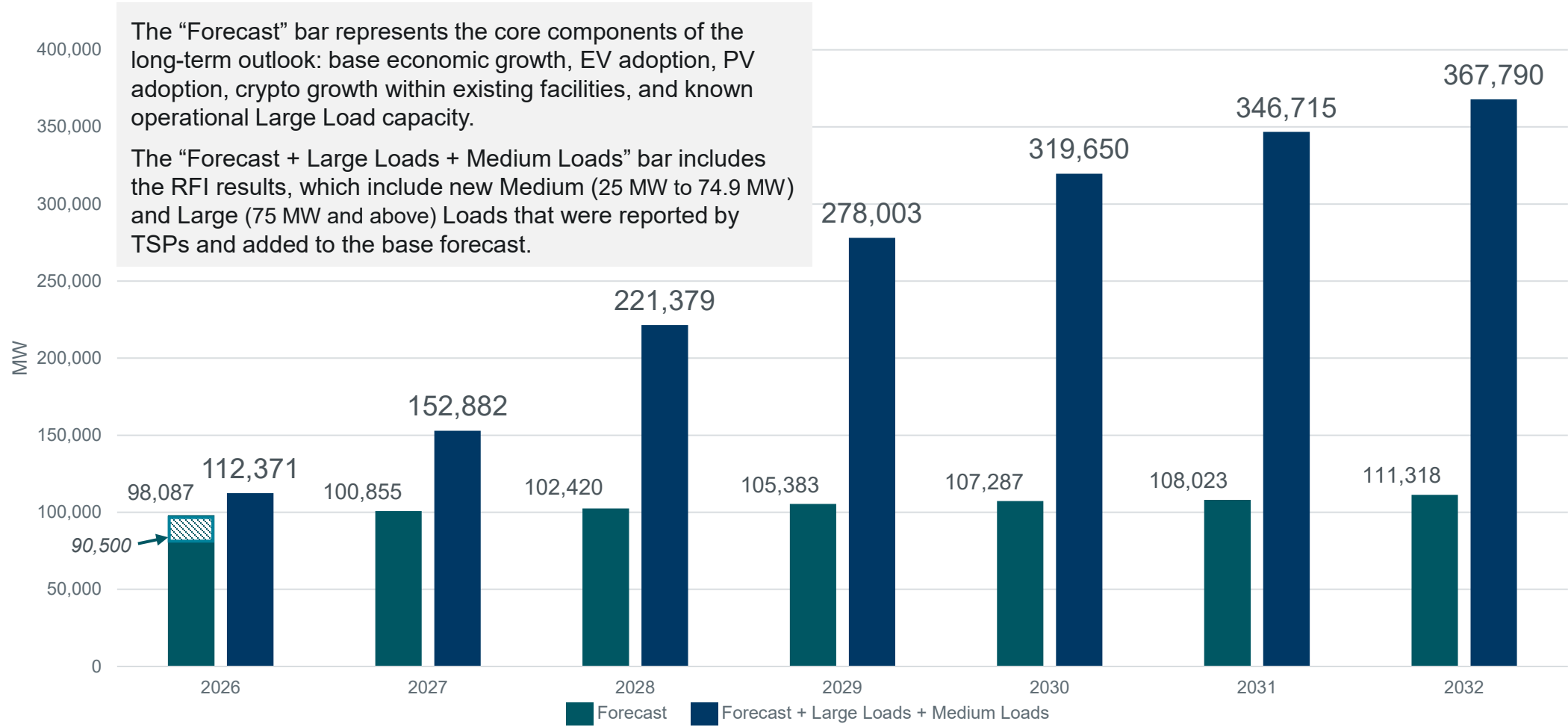
For information only

No action is requested; for discussion only.

Key Takeaways

- The preliminary 2026 Long-Term Load Forecast from Transmission Service Providers has been published. Discussions are underway regarding needed adjustments to effectively utilize the forecast.
- The Large Load Batch Study process is on track for June board review. Seven workshops have been held to date.
- The *2025 State of the Grid* report, published last month, highlights a year of reliability initiatives, innovation, and continued growth.
- The Innovation Summit gathered more than 800 industry leaders and experts to discuss the future of innovation in ERCOT and grids around the world.

Preliminary Long-Term Load Forecast Peak Demand plus Transmission Service Providers (TSPs) Request for Information (RFI) Submissions



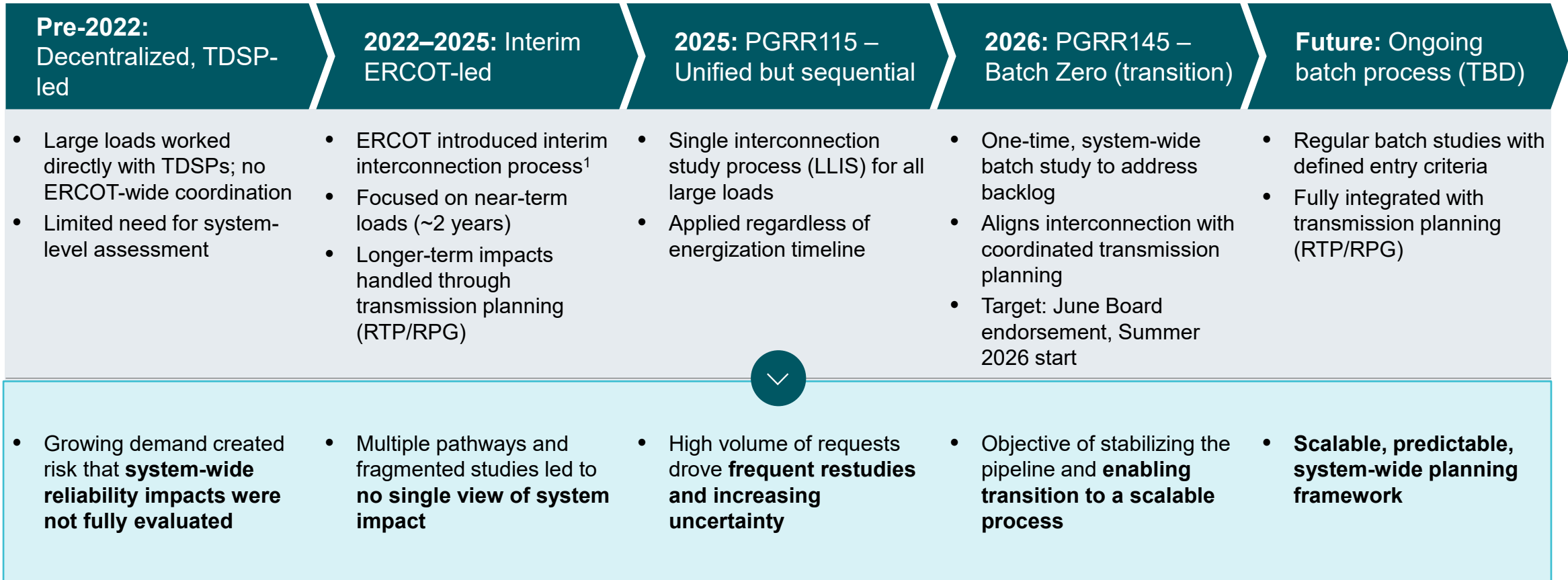
Key Takeaway: This forecast should be considered preliminary, and adjustments are expected as the information is further studied, reviewed, and finalized to support its use in planning.

TSP Large Load RFI Submissions by Load Type (MW)

Load Type	2026	2027	2028	2029	2030	2031	2032
Cryptocurrency Mining	2,475	3,518	5,611	7,126	7,676	8,576	9,076
Data Center (non-crypto)	7,401	39,719	99,350	149,258	186,958	211,624	228,420
Industrial (including Hydrogen/ E-Fuels)	650	1,080	1,805	2,259	2,721	2,919	2,996
Oil and Gas (Chemical Refining, Production, & Processing)	917	1,214	1,650	2,017	2,187	2,347	2,507
Total	11,443	45,531	108,416	160,660	199,542	225,466	242,999

Key Takeaway: Data submitted by the Transmission Service Providers (TSPs) in the recent RFIs shows continued growth and interest in Texas and the ERCOT grid, with data centers leading the way.

Evolution of Large Load Interconnection in ERCOT: from Ad Hoc to Batch-Based Planning



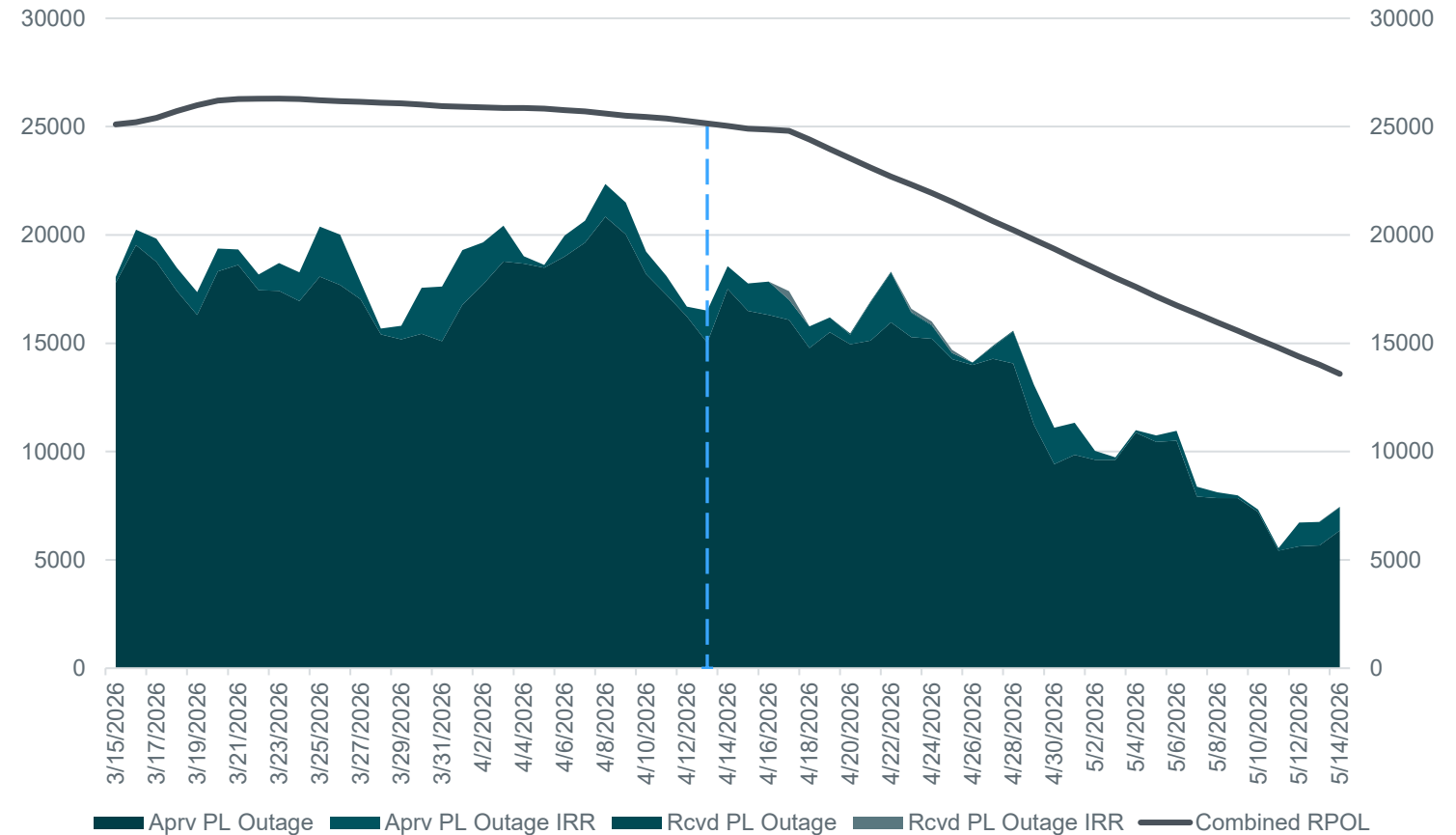
1. March 2022 Market Notice

Spring Maintenance Period (March 15 – May 15)

Spring 2026 RPOL Combined

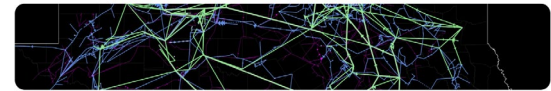
*Data Snapshot 4/13/26

- This spring, ERCOT is applying the new Resource Planned Outage Limit (RPOL) methodology to determine the resource planned outage limit used to reliably support the resource planned outage requests.
- In some cases, concurrent outages are limited to ensure reliable grid operations.
- Information and available slots are posted on ERCOT.com for review and scheduling.
- ERCOT has a generation outages dashboard on ERCOT.com that provides a graphical representation of planned and forced outages.



Key Takeaway: ERCOT partners with Qualified Scheduling Entities and Transmission Owners to accommodate planned maintenance outages within designated windows, ensuring operational needs and grid reliability go hand in hand.

2026 Innovation Summit



ERCOTISO

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ERCOT State of the Grid 2025 Report

PUBLIC

Reliability. Innovation. Growth.

2025 Highlights

Real-Time Co-optimization Plus Batteries
This December 2025 market design change represents the most significant enhancement to the nodal market since 2010 and strengthens ERCOT's ability to simultaneously optimize

Ancillary Services in real time. Months ahead of schedule, it allows for more measurable operational improvements including automatic selection of the most effective and reliable resources each day.

This includes: precise procurement of resources; enhanced transmission management by a wider range of resources to address congestion constraints; services oversight through real-time monitoring of resource capabilities, network to optimize the use of resources; and increased visibility into resource availability, allowing for more effective procurement of dispatchable and non-dispatchable resources.

Transmission Expansion Plan
ERCOT has submitted a comparison transmission plan for the Texas 765-kV Strategic Transmission Plan to the PUCT. This plan identifies efficient ways to expand the transmission network for

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transmission lines are now in a PUCT process to meet the state's surging power needs. After a thorough stakeholder review, ERCOT's Board of Directors endorsed two additional 765-kV transmission projects in December.

These new projects will allow electricity to move more reliably, efficiently, and cost-effectively over long distances, bringing power from resource-rich regions to major load centers like Dallas, Houston, San Antonio, and Corpus Christi.

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By the Numbers



2016-2025	2025-2030
-10,227 MW of dispatchable thermal generation retired	8,845 MW of net new dispatchable thermal generation added
9,365 MW of dispatchable thermal generation added	-862 MW of net new dispatchable thermal generation added

Notes:
*Capacity totals are based on Installed Capacity Ratings for generating units. "Thermal" is made up of Natural Gas, Nuclear, Coal, Biomass, and Diesel.
- Totals include 180 MW of Hydro in 2016 and 2022, 579 MW of Hydro in 2025 and 2030.
- Planned projects are added to installed capacity after approval for synchronization to ERCOT Grid.
- Totals include Private-Use Networks (PUNs), Distribution Generation Resources (DGRs), Settlement Only Distribution Generators (SODGs), Unavailable Switchable Capacity, Extended Outage Units, and Seasonal Month-based Units but not Indefinite Month-based Units.
*2030 accounts for forecasted planned projects expected to be in service between the start of 2026 to end of 2030 that have reached the signed interconnection agreement (SGA) interconnection milestone from the December 2025 file of the Resource Capacity Trend Charts. Unconfirmed Retirements and Unconfirmed Fuel Conversion listed in the December 2025 DGR are also reflected in this snapshot. Includes January 2026 snapshot of all TEF Projects, even those without SOGs.

Reliability. Innovation. Growth.

Key Future Projects

These are some of the key future projects we are currently engaged in:

Dispatchable Reserve Reliability Service
This legislatively required new Ancillary Service will be designed to compensate dispatchable generators for being available to address uncertainty in load and generation forecasts. While still in development, multiple options are being reviewed that would comply with state law and provide the most reliability benefits under both moderate-load and high-load

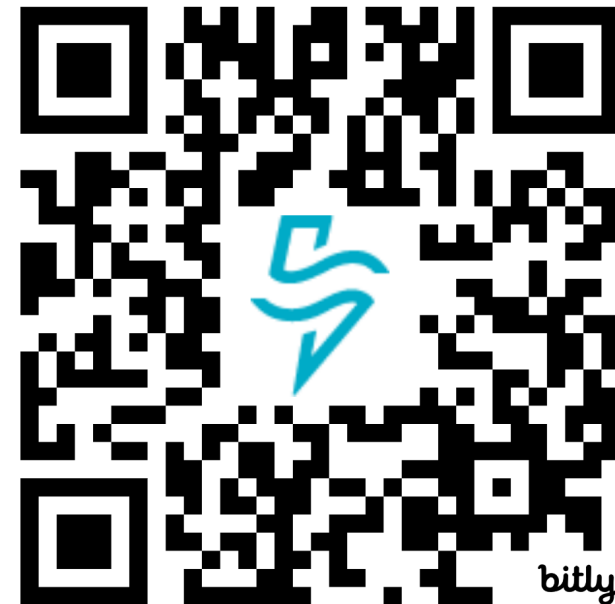
conditions. This process allows ERCOT to address the impacts on the system, infrastructure needs; coordination with Transmission and Distribution; and connection decisions with reliability considerations.

Process
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"ERCOT is the best market in the country to react quickly to large load growth potential. We are diligently working with the PUCT and stakeholders to implement new laws related to these loads and to integrate them reliably."

— Chad Seely, SVP, Regulatory Policy, General Counsel & Chief Compliance Officer

ERCOT is actively engaging stakeholders for input



billy



ERCOT Employee Recognition



2026 Innovation Summit

Project Managers

Venkat Tirupati
Prashant Kansal
Bishnu Bhattarai
Charlotte Schuster

Support

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Aaron Ballew
Caleb Carroll
Shad Chancey
Penney Christian
Bernie Corpus
Laura Cortez
Olga Finneran
Weihui Fu
Julia Hariharan
John Hazelwood
Julie House
Ray Landry
Sly Luna

Olha Lyakhovets
Nitika Mago
Mark Miner
Thinesh Devadhas Mohanadhas
Sai Moorty
Bharati Nepal
Rachel Overbay
Sherwin Parayno
Priyanka Parthasarathy
Vamsi Paruchuri
Christy Penders
Marshall Rimmer
Emanuelle Romero
Anwarul Islam Sifat
Stacy Skrhak
Amy Starnes
Steven Trent
Trudi Webster
Gates Yager
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Moderators/Speakers

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Jeff Billo
Keith Collins
Gordon Drake
Fred Huang
Joel Koepke
Nitika Mago
Matt Mereness
Woody Rickerson
Chad Seely
Agee Springer
Dan Woodfin
Pablo Vegas