Tapestry: Moonshot for the Electric Grid

PANEL DISCUSSION AT THE ARTIFICIAL INTELLIGENCE-RELATED DATA CENTER ELECTRICITY USE AND EMISSIONS WORKSHOP
NATIONAL ACADEMIES OF SCIENCES ENGINEERING AND MEDICINE

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How do we meet the challenges and opportunities of Data Center load growth and renewables

- **Holistic approach.** Grid Management, Planning and Operations have to be addressed holistically
- **AI.** We need new tools that leverage AI, data integration and software innovation
- **Collaborative Partnerships.** Example: Our tool for grid planning, for the country of Chile

Questions: How can we

- Move beyond data to insights and collaboration?
- Evolve to a grid architecture that facilitates secure collaboration across silos and boundaries?

TAP EST RY .

Tapestry is the only end-to-end solution for grid management, planning, and operations.

We leverage AI to revolutionize the grid for the future.

GridAware

Grid Planning Tool

Grid Operations Tool

& TapLabs

Highly accurate grid models

to manage assets and predict how they will behave from milliseconds to years into the future.
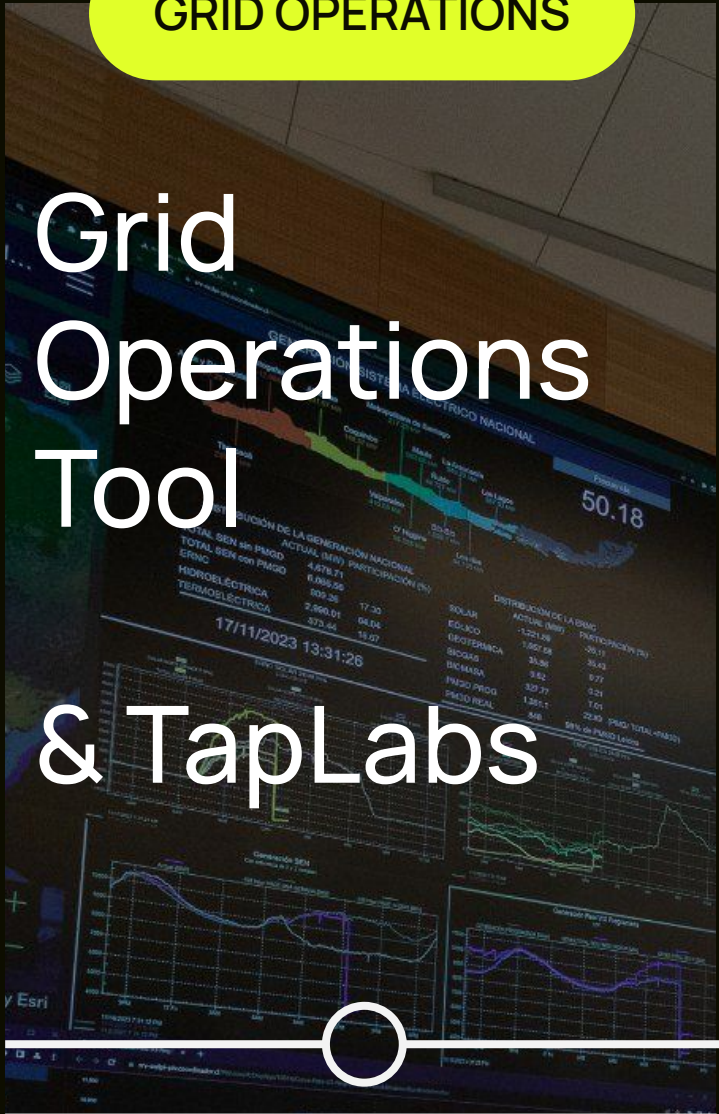
Advanced planning tools

to accelerate the decarbon-isation of the grid and the electrification of economies.

Operations Tool

optimize the dispatch of clean and renewable power sources.

R&D

to unlock the next game-changing feature for a greener, more reliable grid.

TAPESTRY·

Fast-tracking decarbonization in Chile

FASTER

86% faster
From 120 hours to
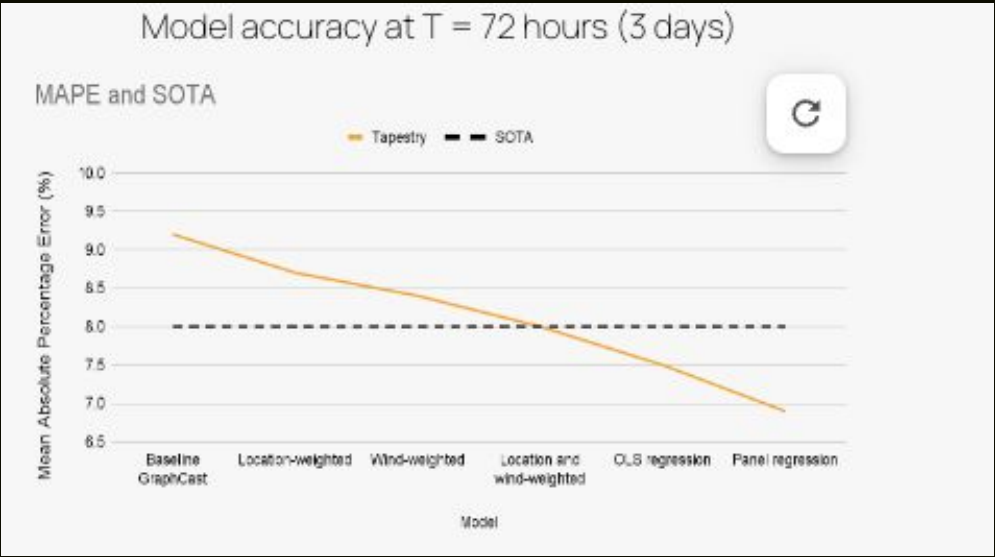16 hours for 10 PLP runs.

EASIER

30x scenarios
From one scenario at
a time to 30 in parallel.

SMARTER

AI-powered forecasting
15% more accurate
wind forecasting than
industry standard.

Collaboration with Google DeepMind

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