



Unlocking grid capacity through orchestration

Enabling utilities and developers to flexibly interconnect resources and better utilize local grid capacity







HOW WE HELP



Grid-wide visibility & forecasting



Flexible interconnections (loads, gen)



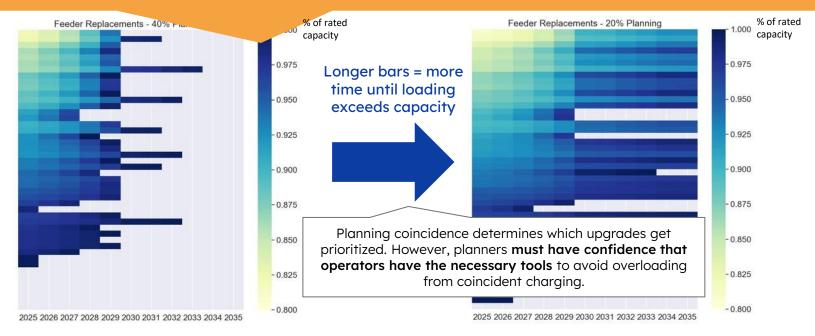
Grid-aware DER orchestration





Quantifying the value of grid-aware DER management

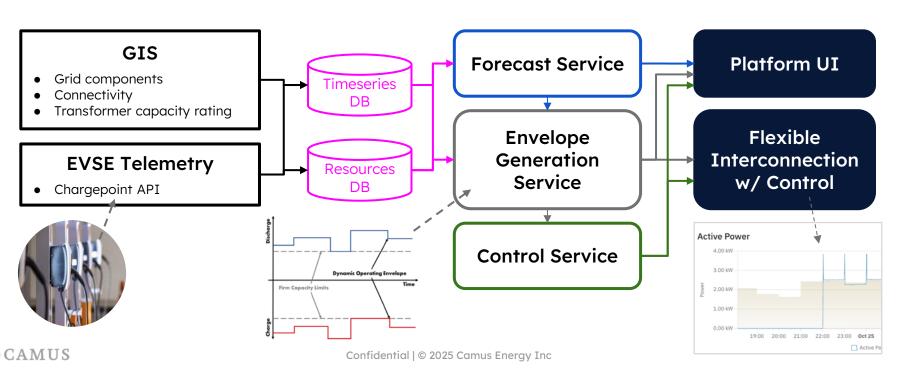
Example: By analyzing real-world residential EV charging + available grid capacity, we **identified the tipping point (5% EV adoption)** after which investments in visibility and grid-optimized managed charging provide positive ROI.





Proving grid-aware DER management works in the field

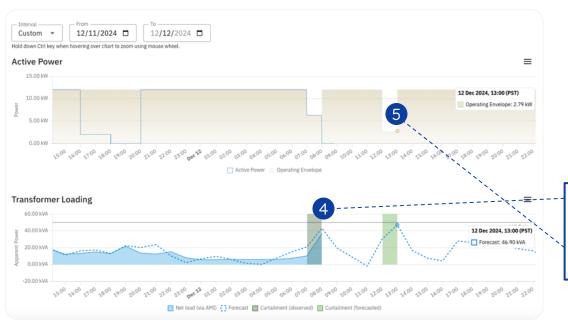
Control residential chargers constrained to capacity limits of distribution transformers





Proving grid-aware DER management works in the field

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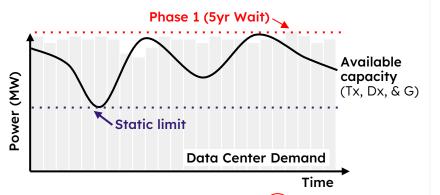
How grid-aware charging works:

- 1. Establish connectivity via GIS
- 2. Disaggregate controllable EV load by using EVSE telemetry
- 3. Estimate net loading for each transformer via aggregated AMI
- 4. Predict when curtailment may be required (hour blocks)
- 5. Send operating envelope (hourly max setpoint) for next 24 hours
- 6. Update envelope hourly
- 7. EVSE limits power in real-time



Bringing flexible interconnection to large loads & generation

Static Interconnection



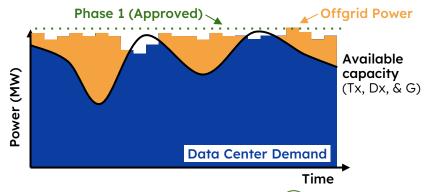
Interconnection Delayed \times

New grid connection date: 2030 (post-upgrade)

Upgrade cost (phase 1): \$20 million

On-site generation: 100% through 2029

Flexible Interconnection



Interconnection Approved

New connection date: 2026

Initial cost:

\$3 million

Off-grid required: 5-20% annually

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FASTER
LOWER COST

LESS CO2



