Welcome to Scottsdale! Did we just become best friends?

Let's Talk Macro
The Big Forces Shaping Power

Tariffs
Policy uncertainty and trade tensions

Reliability
Pressures from aging infrastructure and climate volatility
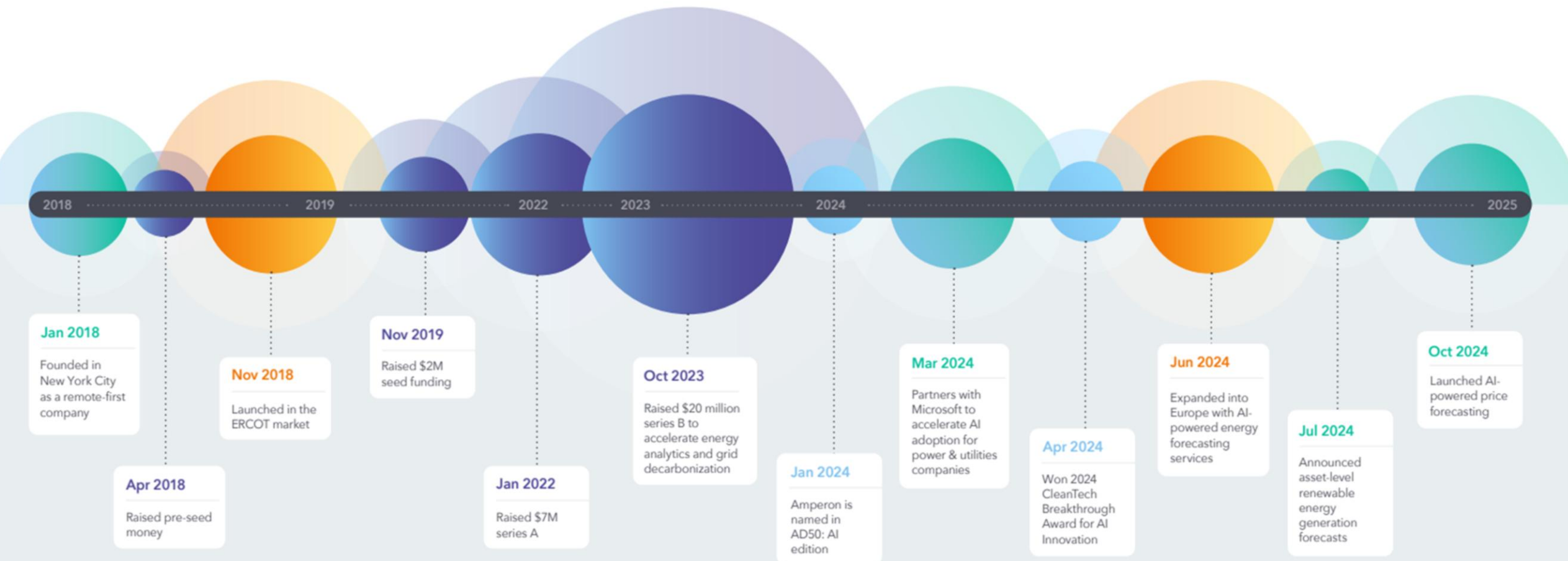
Load Growth
The electrification of everything: EVs, data centers, heat pumps, population growth.

AI
Faster decisions and better data

Amperon is the leading energy forecasting company, positioned at the intersection of energy data and AI.

2018   **2019**   **2022**   **2023**   **2024**   **2025**

Jan 2018
Founded in New York City as a remote-first company

Apr 2018
Raised pre-seed money

Nov 2018
Launched in the ERCOT market

Nov 2019
Raised $2M seed funding

Jan 2022
Raised $7M series A

Oct 2023
Raised $20 million series B to accelerate energy analytics and grid decarbonization

Jan 2024
Amperon is named in AD50: AI edition

Mar 2024
Partners with Microsoft to accelerate AI adoption for power & utilities companies

Apr 2024
Won 2024 CleanTech Breakthrough Award for AI Innovation

Jun 2024
Expanded into Europe with AI-powered energy forecasting services

Jul 2024
Announced asset-level renewable energy generation forecasts

Oct 2024
Launched AI-powered price forecasting

AMPERON

The Intersection of Energy Data and AI

Amperon combines the latest AI and data science methodologies, weather data, and top energy experts to **analyze and forecast** Grid & Meter Demand, Solar & Wind Generation, and Price

Navigating the Storms of a Changing Grid
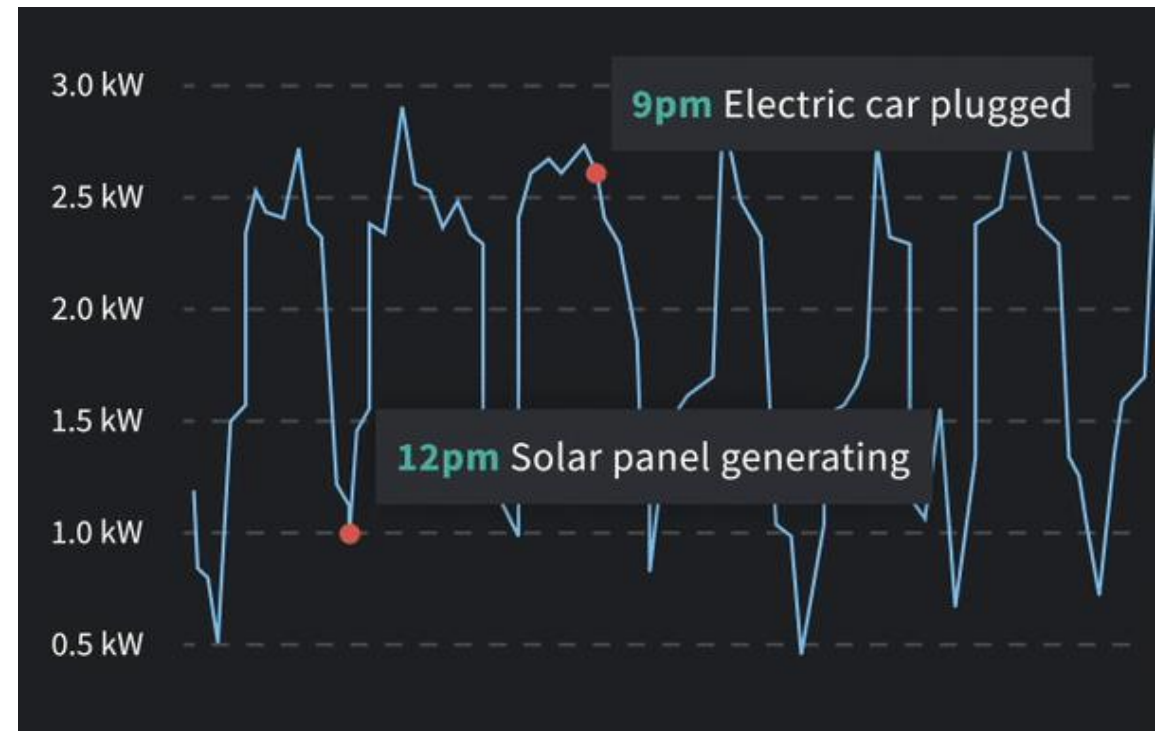
- Pressure from rapid changes to the power stack

- Growing investment in intermittent renewable energy resources

- More extreme weather events

To maintain reliability, trust, and financial success, leaders must adapt their data workflows and forecasting strategies.

Forecasting the Energy Transition

Amperon uses AI to forecast demand, generation and price – unlocking a reliable, affordable, sustainable grid.

- Our accuracy beats the ISO by 3x

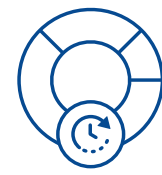- White glove customer service

- Global, scalable & secure

Demand

GRID LEVEL

METER LEVEL

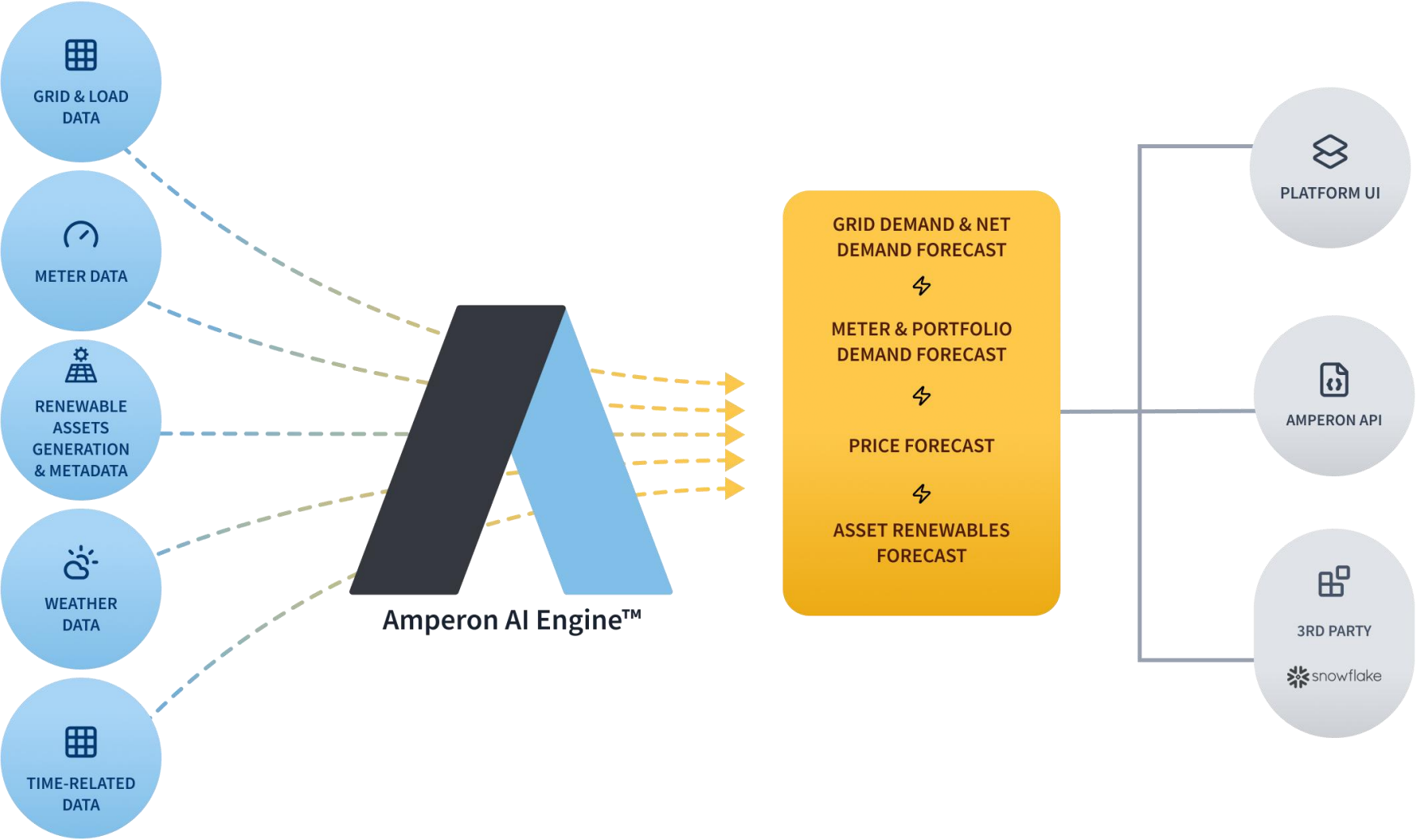PORTFOLIO LEVEL

Generation

RENEWABLES (ASSETS AND ZONES)

Price

All available data, weighted optimally, delivered seamlessly

Comprehensive Dataflows for Smoother Operations

GRID & LOAD DATA

METER DATA

RENEWABLE ASSETS GENERATION & METADATA

WEATHER DATA

TIME-RELATED DATA

Amperon AI Engine™

GRID DEMAND & NET DEMAND FORECAST

METER & PORTFOLIO DEMAND FORECAST

PRICE FORECAST

ASSET RENEWABLES FORECAST

PLATFORM UI

AMPERON API

3RD PARTY
snowflake

Turning Weather Forecasts into Energy Data

Unique volume and treatment of weather data for accurate, granular forecasts

Legacy Vendors

Single Weather Vendor
Vulnerable to errors in weather forecast

Separate Models
Multiple weather options but no guidance or analysis

Weather Sampled at Airports
Missed microclimate data leads to demand misses

Limited Parameters Incorporated
Linear regressions advertised as "machine learning"

Amperon's Next-Gen Forecasts

Five Weather Vendors
AG2, DTN, Meteomatics, Spire, and NBM

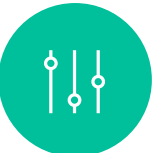**Ensemble Modeling to Optimize Weather Risk**
Model dynamically favors best weather data

Granular Weather, Custom-Mapped
Custom-weighted data points based on load density

Expanded Weather Parameters for Improved Performance
Full set of both primary and derived variables, informed by in-house meteorologist