

# Improve Your Power Flows with Granular Forecasting

LoadSEER provides your utility with the tools you need to manage complex planning functions, optimize capital investments, and reduce risk. LoadSEER merges economic and engineering data and presents it in one place for easy decision-making.

## Top-Down Allocation



Use your corporate system-level forecast to accurately model down to the parcel level, with peak-load, regression-based, weather-adjusted geographic and macroeconomic inputs.

- ✓ Improves risk prediction and forecast confidence
- ✓ Accommodates load growth and distributed generation changes (new EV, PV, etc. regulatory teams)

## Bottom-Up Forecasting

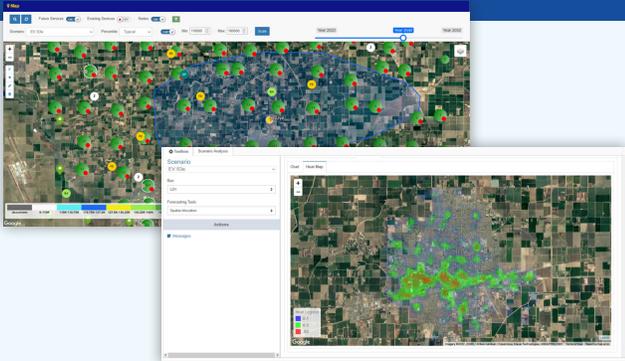


Reconcile to your system-level forecast incorporating hourly load shapes, billing data, and AMI. The forecast is “snapped” to your core power flow planning application (CYME, Synergi, etc.) with batch processing.

- ✓ Aligns forecast to known data points for better integrity
- ✓ Enables time series and spatial analysis for off-peak planning

## KEY FEATURES:

LoadSEER makes it possible to effectively plan for a rapidly evolving grid edge with various EVs, PVs, flexible loadshape, and storage scenarios by combining:



- Hourly load data, utilizing CYME, Synergi, PI, and more
- 30 years of real weather patterns that account for volatility
- Customer-specific DER adoption propensity models
- Aggregated and anonymized customer information
- Spatial data and analytics, including hundreds of configurable GIS layers
- Satellite-based land-use analysis and statistical economic growth forecasts

## HOW LOADSEER HELPS OPTIMIZE INVESTMENTS



Leverages existing data sources, including AMI and SCADA



Balances financial incentives and other grid priorities



Enables dynamic analysis down to the feeder and line section level



Reduces uncertainty through risk-adjusted load projections and capital investment scenario analysis

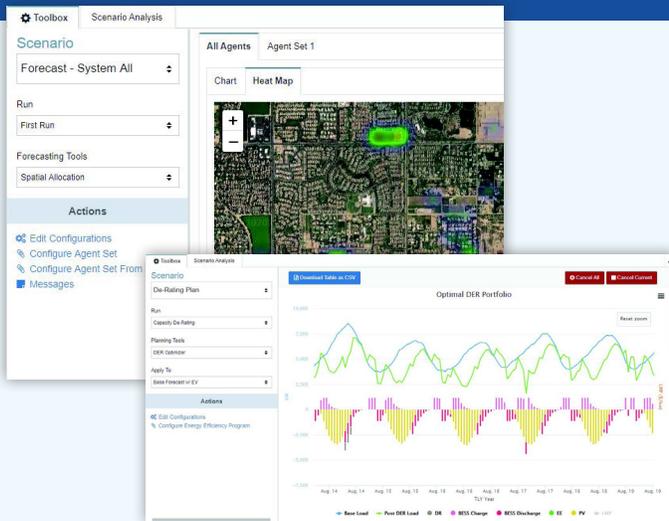


Provides circuit-level visualization tools for better decision-making

# WHAT IF YOU COULD OPTIMIZE YOUR INVESTMENT AND AVOID COSTLY MISTAKES?

**“SRP looked to LoadSEER, a state-of-the-art software program by Integral Analytics, to help improve its predictions about local area loads. With the implementation of LoadSEER, SRP’s distribution planners are able to better utilize SRP’s infrastructure and provide more detailed and granular local area planning capability. In turn, SRP is able to plan and build its distribution system to accommodate local demand, which enhances the reliability of the power grid and helps SRP deliver on our promise to our customers.”**

– Wendy D. Weathers, Senior Analyst, Salt River Project (SRP)



## LOADSEER PROVIDES FLEXIBILITY AND SUPPORT FOR AN EVER-EVOLVING GRID THROUGH:

- Repeatable, defensible short-term and long-term forecasts
- Risk spectrum analysis through flexible scenario management
- 15+ years of experience deploying cloud and on-premise solutions
- Product evolution led by growing community of industry leaders

**Integral Analytics software empowers utilities and other grid stakeholders to plan, capitalize, value, and operate electric distribution networks and DERs using the industry’s only dynamic blueprint of the grid edge. Many of the country’s largest electric utilities have come to rely on our software for distribution system planning and smart grid program management. We are the market leader in evaluating and optimizing least-cost DER portfolios by analyzing loads and generation on both a locational and time-related basis.**

By replacing spreadsheets with a dynamic tool like LoadSEER, a Northern California utility was able to simultaneously model over 100 impactful scenarios to provide new forecasting insight around a combination of influences, circuit by circuit, and improve their decision and approval process.



## MAKE SMARTER UTILITY DECISIONS!

Request a demo today! Contact Wes Brown at [wes.brown@integralanalytics.com](mailto:wes.brown@integralanalytics.com)



PLAN

PREDICT + OPTIMIZE

CONTROL