

# Reduce energy management risk and procurement costs

Demand Forecasting

Available for pilots

- ✓ Aggregated energy demand forecasting based on smart meter insights
- ✓ Optimization of standard demand profile correction factors
- ✓ Growth trends for EV, heat pump, and residential solar production
- ✓ Day-ahead, week-ahead, and long-ahead forecasting



## Business benefits

Improve margins on commodity

Create new tariff plans

Create new Energy-as-a-Service products

Reduce risks in the total energy procurement process

Execute Behavioural and Automated Demand Response programs

Save millions on imbalance costs yearly by reducing the Median Average Percentage Error from 6-10% down to 1.9%

### Savings per year

per 5GW peak load by increasing the accuracy from 94% to 98,1%



**NET2GRID**

**NET2GRID**  
Prins Hendriklaan 7  
3701CK Zeist  
The Netherlands

[www.net2grid.com](http://www.net2grid.com)

**NET2GRID USA**  
1001 SW Emkay Dr  
Suite 100, Bend  
OR 97702, US

[sales@net2grid.com](mailto:sales@net2grid.com)

**NET2GRID GREECE**  
Krystalli 4, 7th floor  
54630 Thessaloniki  
Greece

# Use cases



## Improve energy demand planning on wholesale market

Supercharge your demand forecasting activities using a bottom up approach with behind the residential smart meter demand insights and predictions.



## Identify residential growth trends to refine forecasting error corrections

Optimize your standard demand profile correction factors for day-ahead and long term forecasts. Detect peaks and outliers using highly granular consumption and meter location-based, weather data.



## Unlock opportunities for Energy-as-a-Service products and commodity tariff plans

Create EaaS and personalized contracts so that your customers have the best offers in the market including hardware products or demand response programs.



## Understand the growth trends of residential Renewable Energy Systems

See growth trends for Electric Vehicles, Heat Pumps and solar production and understand the impact of residential Renewable Energy Systems.

# Why invest in NET2GRID's Demand Forecasting



The deepest residential consumption insights that help boost existing top-down demand forecast accuracy



Demand estimations for EV, PV and heat pump included



Predict the future growth of renewables in your customer base



Day ahead, week ahead and months ahead demand forecasts



Bottom up models that help aggregate individual prosumers



Corrections for Covid-19 events taken into account



Demand planning algorithms use historical, local weather and smart meter data, dates and zip codes

Get in touch with our experts to learn more about our forecasting services.

[Contact us](#)



**NET2GRID**  
Prins Hendriklaan 7  
3701CK Zeist  
The Netherlands

[www.net2grid.com](http://www.net2grid.com)

**NET2GRID USA**  
1001 SW Emkay Dr  
Suite 100, Bend  
OR 97702, US

[sales@net2grid.com](mailto:sales@net2grid.com)

**NET2GRID GREECE**  
Krystalli 4, 7th floor  
54630 Thessaloniki  
Greece