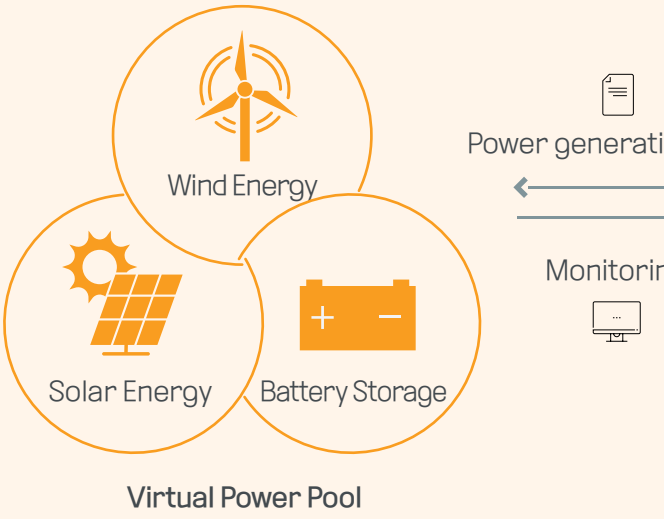
VPPlab

Anytime Anywhere Clean Energy

Renewable Energy IT Platform VPPlab

*VPP (Virtual Power Plant) Platform connects renewable energy producers and consumers. It aggregates data from wind, solar plants, and energy storage systems, facilitating real-time energy forecasting.



VPPlab's Solution

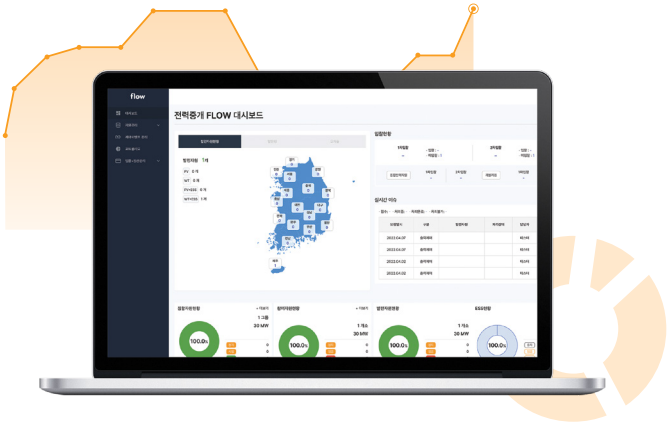
Our VPP technology-powered solution enables energy efficiency and grid balancing and provides environmentally friendly energy.

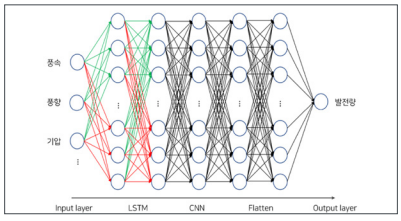
flow

Energy [IT,Business,Management] Platform

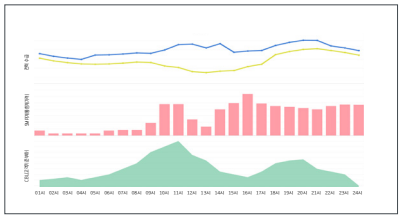
Real-time Energy Generation Forecast

Proprietary AI hybrid algorithms using plant-specific data and weather data

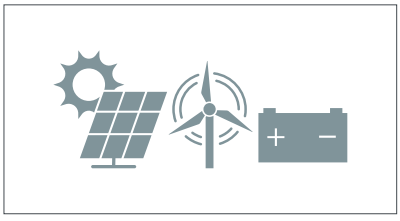




Renewable energy forecasting



Power supply and demand management



Distributed resource operation and aggregation

on data

ng

VPPlab

VPP Energy-as-a-Service
(EaaS)

Integrated scheduling

Trading

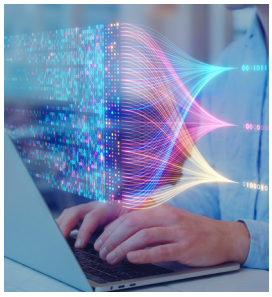
Household

Building

Industry

Software-based Generation

EaaS-type Energy Business Service



Accurate Generation Forecasting with AI

Balancing the supply and demand of electricity and energy efficiency

01

Solar Plant Operation & Maintenance

Maximization of plant lifespan and generation efficiency with asset management

02

Electric Vehicles Charging from Surplus Power

Minimization of EV operating costs and contribution to grid stabilization

03

Integrated Power Generation Monitoring

Real-time dashboard of generation from DERs and their forecast

04

VPP Technology-based
Renewable Energy Power Supply-Demand Data Trading
& Energy Asset Management Platform

Contact

VPP LAB Corp.
| **H Q** | 105, 1F, Building A, 330, Cheomdan-ro, Jeju-si, Jeju-do, Republic of Korea
| **Lab** | 704, Seoul Startup Hub Main Building, 21, Baekbeom-ro 31-gil, Mapo-gu, Seoul, Korea
| **Email** | vpp@vpplab.kr www.vpplab.kr