



Derapi VPP Solution: The Easy Way to Build and Scale Virtual Power Plants



Speed up VPP development, deployment, and onboarding

Derapi's VPP solution is a comprehensive set of control, data, and customer enrollment APIs to dramatically cut development time, maximize program enrollment, and set your technical resources free to focus on innovation, not device APIs.

Solution components:

- **Control API** — Easily schedule dispatch of multi-vendor fleets of distributed energy assets, including storage, PV, water heaters, HVAC, and EV charging.
- **Data API** — Provides harmonized access to devices across multiple vendors and retrieves current and historical performance and interval data.
- **Authorize API** — Speeds up enrollment by collecting participant consent and secure login credentials.
- **Security & privacy protection** — We use only manufacturer-approved integrations and secure, encrypted interactions to work with DER assets. Derapi retains no data after API requests are completed.

Solution benefits:

- Build robust multi-vendor applications in hours, not days, through a single point of integration
- Maximize program enrollments
- Expand the number of qualifying devices you can bring under your VPP or DR program
- Eliminate time and cost of maintaining device APIs
- Free up your technical resources to develop value-added features
- Pay only for what you need, with flexible and scalable subscription pricing

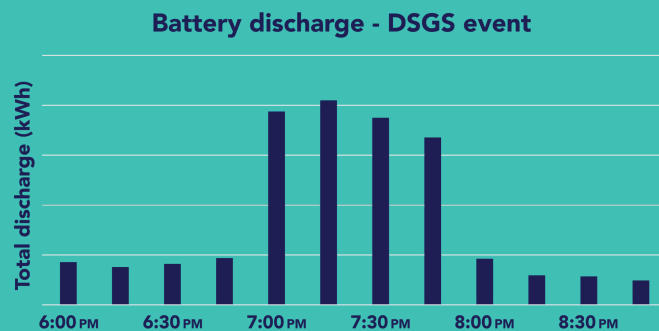
Customer Spotlight:

VPP for leading U.S. battery storage OEM dispatches over 1 MW with Derapi Control API during first month of operation

Effortless Integration: By leveraging Derapi's Control API, the manufacturer avoided a software integration with the program operator, saving valuable engineering resources and time.

Rapid Deployment: Enabled the swift setup of a fully operational VPP within just 4 weeks, allowing immediate participation in the DSGS program.

Multi-megawatt Success: Supported four grid events in the first month, successfully discharging 3.6 MWh to stabilize the grid, demonstrating the reliability and scalability of Derapi's VPP solution.



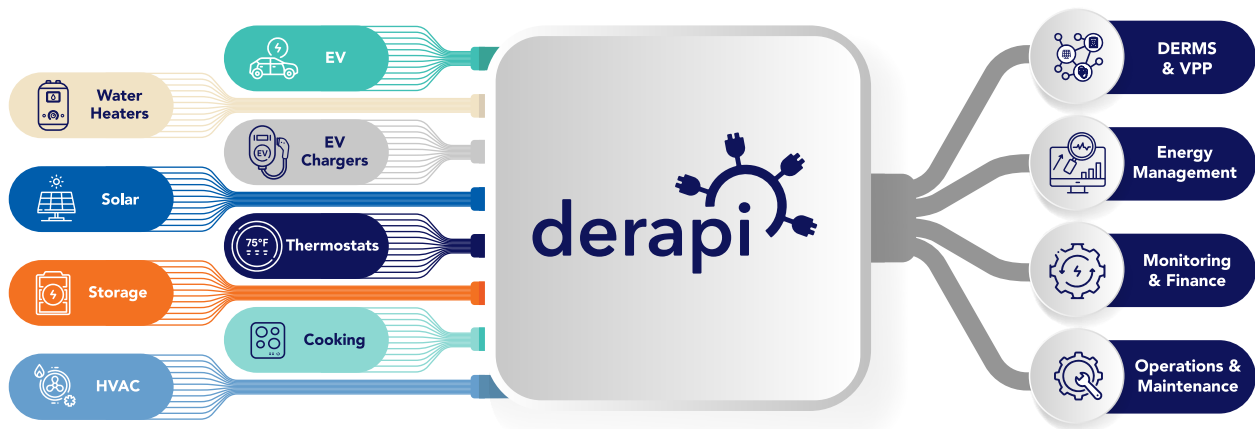


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How it works

Derapi's VPP Solution simplifies customer enrollment, streamlines integration, and optimizes the management and control of multi-vendor DERs, ensuring efficient VPP operations. Here's how it works:



1

Derapi Authorize

Embed Derapi into your program enrollment flow to make authorization a breeze

2

Derapi Control

Control device schedules for multiple vendors from a single integration point

3

Derapi Data

Easily retrieve data for multiple devices for measurement & verification of control events



Book a Free Consultation with a DER Expert

Simplify your data integrations with Derapi. Scan the QR code or go to derapi.com/contact to discover how we can help you speed time to market, reduce costs, and focus resources on your core business.