

# National Smart Solar Power Station



## Overview

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By commandeering smart thermostats and water heaters and sipping power from in-home EV chargers, virtual power plants are being formed across the country. Here's how they work and how they help green energy efforts.

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## VIRTUAL POWER PLANTS PROJECTS

LPO investments in virtual power plant projects help advance equitable clean energy access and empower Americans to support grid flexibility, resilience, and



### [Virtual Power Plants: Powering the Grid From Your Neighborhood](#)

Virtual power plants (VPPs) can play a key role in providing reliable and affordable

### [How virtual power plants are shaping tomorrow's](#)

In Massachusetts, three utility companies (National Grid, Eversource, and Cape Light Compact) have implemented a VPP program that pays



### [Virtual Power Plants \(VPPs\): How They Work And How](#)

From thermostats and water heaters to refrigerators and solar batteries, "smart" is the new black. For consumers, these smart appliances provide convenience by

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### [Electricity Users May Warm To The Next Trend: Virtual](#)

NRG Energy and Renew Home are partnering to



build a 1 gigawatt VPP in Texas. They will aggregate smart thermostats, battery storage, and

## The National

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