# Webinar – CACTUS Project

October 4, 2026

OpenADR Alliance

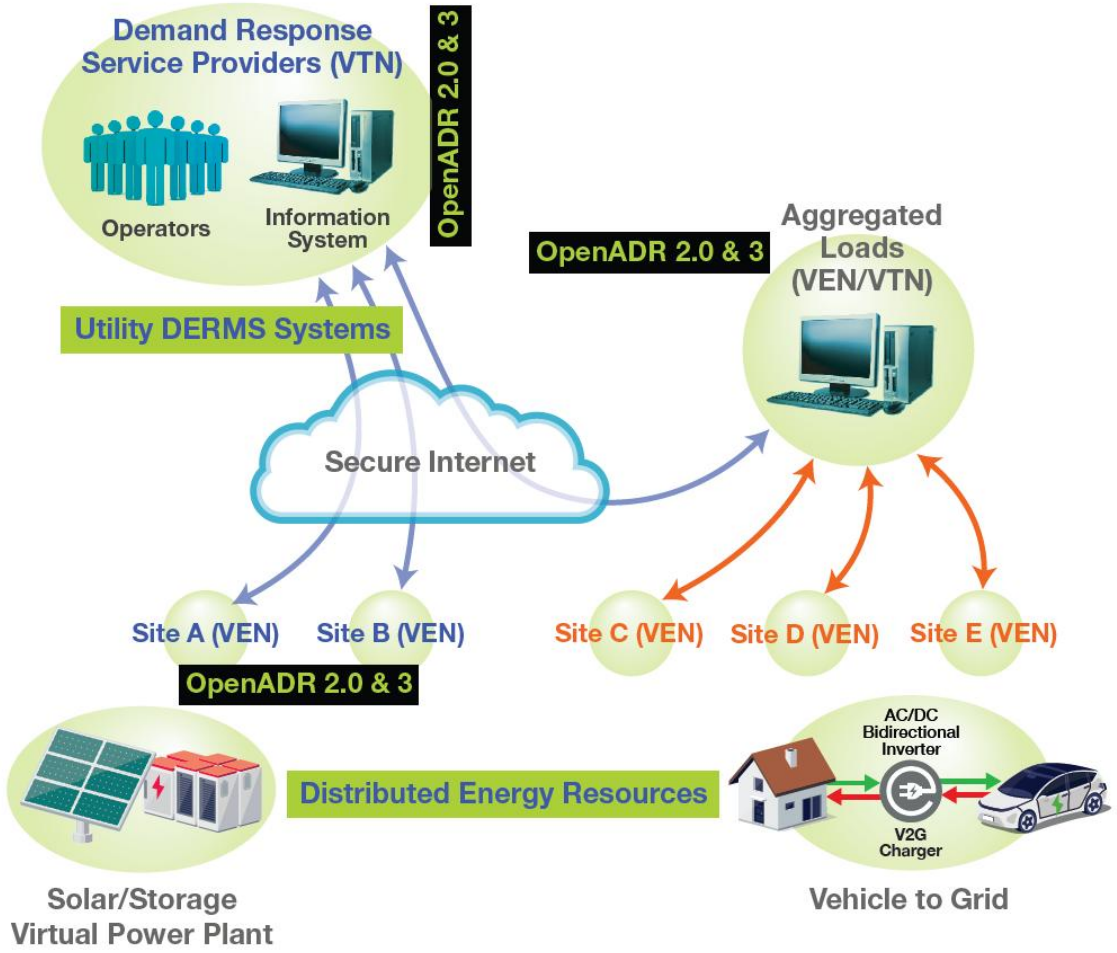


# Housekeeping

- The webinar is being recorded
- Slides and Recording will be made available on https://www.openadr.org/webinar-series
- All attendees are in listen only mode
- To ask questions, please enter them in the Questions tab of the Webinar Tool
  - We will field as many questions as possible at the end of the presentations

# OpenADR in a Nutshell

OpenADR (also IEC 62746-10-1 (OpenADR 2.0b)) provides a non-proprietary, open standardized Flexibility, Demand Response (DR) & Distributed Energy Resources (DER) interface that allows service providers to communicate flex signals directly to customer systems using a common language and existing communications such as the internet. License and royalty free.



# In Use Today

- 50% of customers in the US are connected to utilities that have at least one OpenADR-based program
- Japan relies on OpenADR since before 2018
- South Korea, China, Taiwan use OpenADR
- New Zealand's biggest utility uses OpenADR, more projects coming

OpenADR 3 (more details later)

- Sweden – E.On
- Netherlands – defining Flex Charging (Grid Aware Charging) & Flex to Residential
- UK – DESNZ defining end to end connectivity
- UK – Energy Networks Association defining Flex Market communications
- Other countries evaluating (Austria building the program now, Belgium starting)
- California is using OpenADR 3 (PG&E, SCE, CEC) for price comms

# European Developments with OpenADR 3

- E.On Sweden: First certified OpenADR 3 VTN
- GB DESNZ started with OpenADR 2.0b research → PAS 1878 and 1879. Now switching to OpenADR 3 for Flexibility; ENA utility consortium defined Flex Market using OpenADR 3
- Austria is developing a comprehensive program using OpenADR 3. To be reviewed by regulator
- The Netherlands has developed two congestion products using OpenADR 3 and is currently moving to an operational stage. Grid Aware Charging; NLFLEX
- OpenADR 3 profiles - https://www.openadr.org/openadr-3-implementation-profiles

# Speaker

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