

## PRESS RELEASE

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Nishihara Energy, Inc.

Nishihara Energy's Demand Response VEN (Virtual End Node) solution  
received an OpenADR2.0b Certification

Nishihara Energy, Inc. announced today that its demand response solution, called **Subaru**, received an OpenADR2.0b Certification.

### Subaru's Features

- Subaru receives a DR event from a 2.0b VTN (OpenADR2.0b certified)
- Subaru can be set up as a stand-alone or a multiple-layer (VTN – Parent Subaru – Child Subaru). The latter hierarchical structure is suitable for an aggregator who makes DR transactions with sub-aggregators.
- Subaru has the Micro VTN function that creates/sends an OpenADR 2.0b DR event on its own. This feature enables real-setting testing without a VTN.
- Subaru can automatically filter DR events and distributes them to customers based on customers' attributes.
- Subaru has automatic Opt-in feature. This is effective for running a fast DR event (ex. 10min before, 30 min before, 1 hour before).
- Subaru can connect to an external server in times of log in authentication. Currently Subaru supports basic authentication.

### OpenADR (Open Automated Demand Response)

OpenADR is an open and standardized way for electricity providers and system operators to communicate DR signals with each other and with their customers using a common language over any existing IP-based communications network, such as the Internet.



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