OpenADR® is the leading load shifting protocol used in utility programs across the world. Adding OpenADR compliance is a regulatory requirement in some regions, such as for certain devices in California.

Plaid is a licensed software solution that fully implements an OpenADR 2.0b Virtual End Node (VEN) as a microservice, and may be hosted on your device or in your controls cloud, allowing your product to become OpenADR compliant as though you implemented it yourself. Plaid implements OpenADR logic and communications “under the hood” and exposes a plugin that communicates to your existing APIs.

Benefits of using Plaid to implement OpenADR include:

- Easy path to OpenADR compliance
- Host it on device or in the cloud as though you built it yourself
- One fee, run unlimited instances of Plaid
- Save your software development team months of work
Plaid Microservice

VTN

OpenADR Implementation

Custom Plugin

VEN & Management API

Plaid implementation

GridFabric has been working in demand response for over 10 years, with 5+ years specializing in OpenADR, with additional work on other protocols such as CTA 2045 and IEEE 2030.5. Our team developed the EPRI open source C# VEN, C++ VEN Library, and VTN, and are actively involved in the OpenADR alliance. We are the OpenADR experts, so your team doesn't have to be.

About GridFabric

contact@gridfabric.io