

Standardizing vendor connectivity to utilities

Summary:

UtilityAPI is collaborating with technology companies and utilities to develop new standards to streamline third party vendor registration and connectivity with utilities.

These new specifications are open and freely available as part of the Linux Foundation Energy's [Carbon Data Specification Consortium](#) (CDSC).

We are proposing to work with an existing partner utility, Silicon Valley Clean Energy (SVCE), to plan an implementation of these new specifications to enhance their existing [Data Hive platform](#) that currently offers data exchange for third party vendors.

Team Lead:

Daniel Roesler

Founder & CTO, [UtilityAPI](#)


Customer Data working group maintainer (WG1), [CDSC](#)



LF ENERGY
CARBON DATA SPECIFICATION
CONSORTIUM



CDSC-WG1 [Home](#) [Use Cases](#) [Specifications](#) [Meeting Minutes](#) or



LF ENERGY
CARBON DATA SPECIFICATION
CONSORTIUM

Customer Data Working Group (WG1)

This is the homepage of the [Customer Data Working Group \(WG1\)](#), part of the [Carbon Data Specification Consortium \(CDSC\)](#), an [LF Energy](#) project.

Scope [🔗](#)

This working group focuses on writing free, open specifications for providing utility customer data access, in order to facilitate carbon emissions calculations and decarbonization efforts.

Use Cases [🔗](#)

We have defined several broad categories of [use cases](#) we will focus on addressing, along with what customer data types and functionalities will need to be specified to accommodate those use cases.

- [Use Case 1 - Carbon Accounting](#)
- [Use Case 2 - Decarbonization Projects](#)
- [Use Case 3 - Distributed Grid Flexibility](#)
- [Use Case 4 - Building Benchmarking](#)

We've also made a list of what data and functionality is specifically [not in scope](#).

Specifications [🔗](#)

These are the official [specifications](#) written by this working group.

- [cdsc-wg1-01 - Server Metadata](#) ([Overview](#)) ([Specification](#)) (in progress)
- [cdsc-wg1-02 - Client Registration](#) ([Overview](#)) ([Specification](#)) (in progress)
- [cdsc-wg1-03 - Customer Data](#) ([Overview](#)) ([Specification](#)) (in progress)

If you would like to contribute to these specifications, please see our docs on [Contributing](#) and [Design Principles](#).

Contributing [🔗](#)

Want to participate? Great! We're an open organization, so we welcome any company or individual who wants to provide input.

[Things anyone can do \(no membership required\):](#) [🔗](#)

Specification website: <https://customerdata.carbondataspec.org/>