

OSO

HOT WATER

CANADA

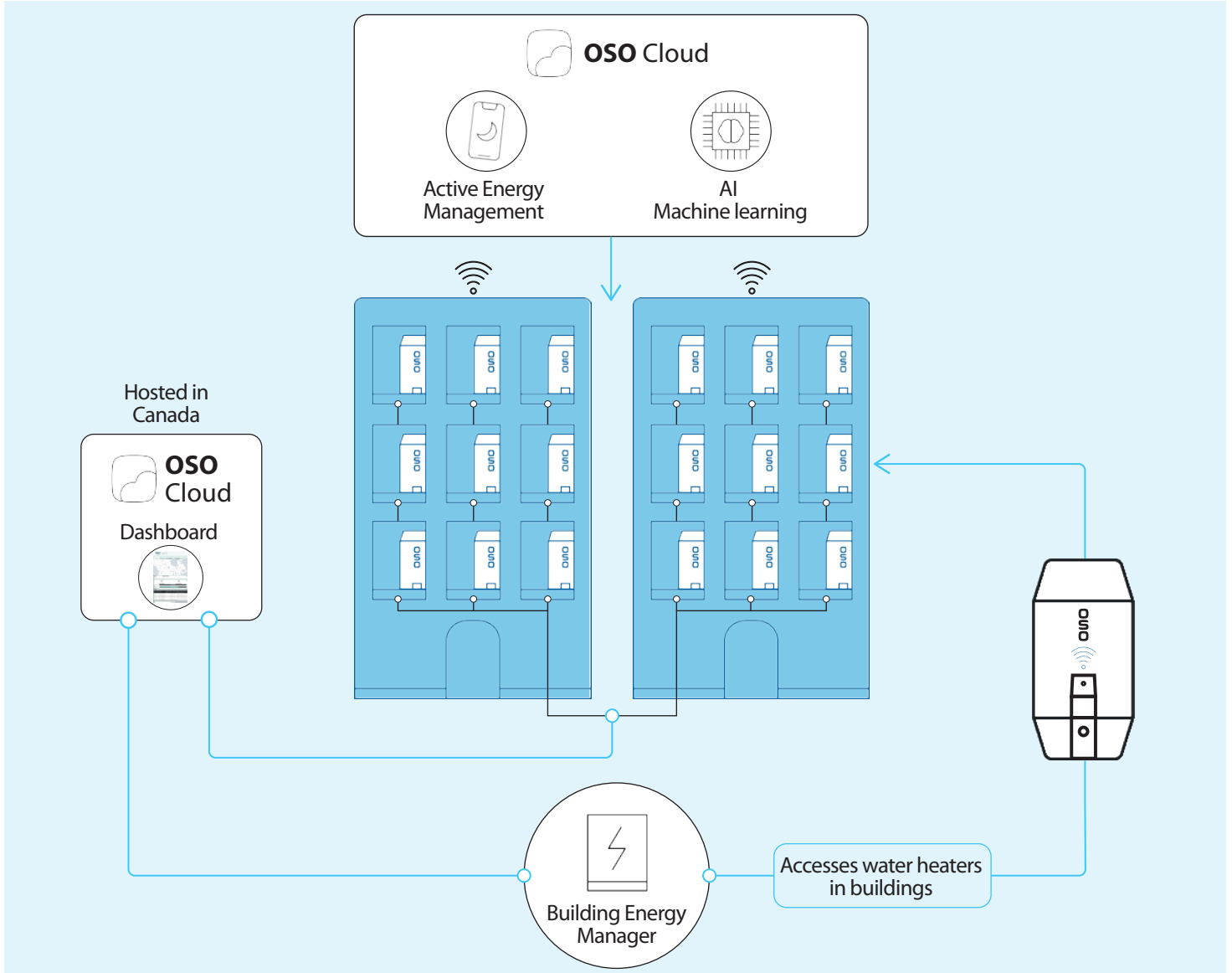
Multiple Unit Buildings Energy Management Solutions for Domestic Hot Water



12-2025

Building Management System:

Avoid peak tariffs, manage energy demand



Avoid peak tariffs

Manage the simultaneous operation of water heater demands with electricity costs, ensuring that there is no rebound peak.

Maximize savings

Heating when energy prices are at their lowest significantly reduces costs.

Prepared for optimization of solar systems

The fleet serves as a thermal battery in combination with solar panels. Store excess solar energy as hot water to maximize production and cut costs.

Optimize the comfort level

Learning the consumption pattern of the fleet while maintaining reserves to maximize savings and ensure hot water at all times.

System integration

You can use the OSO Energy web dashboard or integrate directly with your building management system.

Safety

Safety features for legionella prevention and leak detection are built into the fundamental logic of the unit and cannot be overridden.

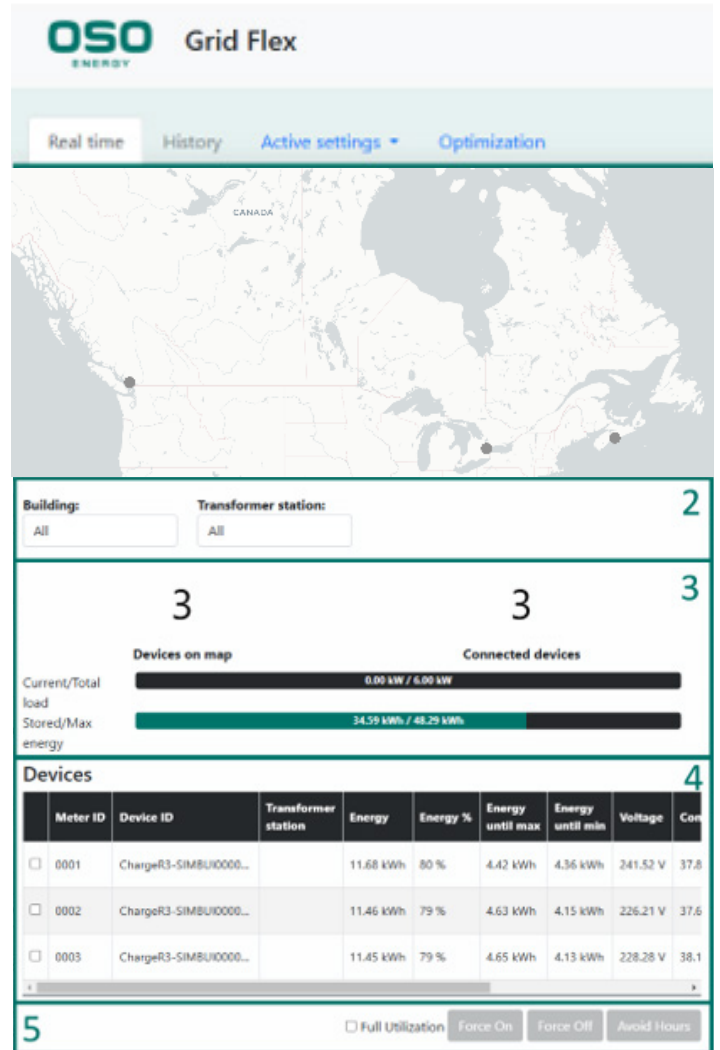
The easy-to-use OSO InCharge app offers full control of the water heater installation.



Active Asset Management

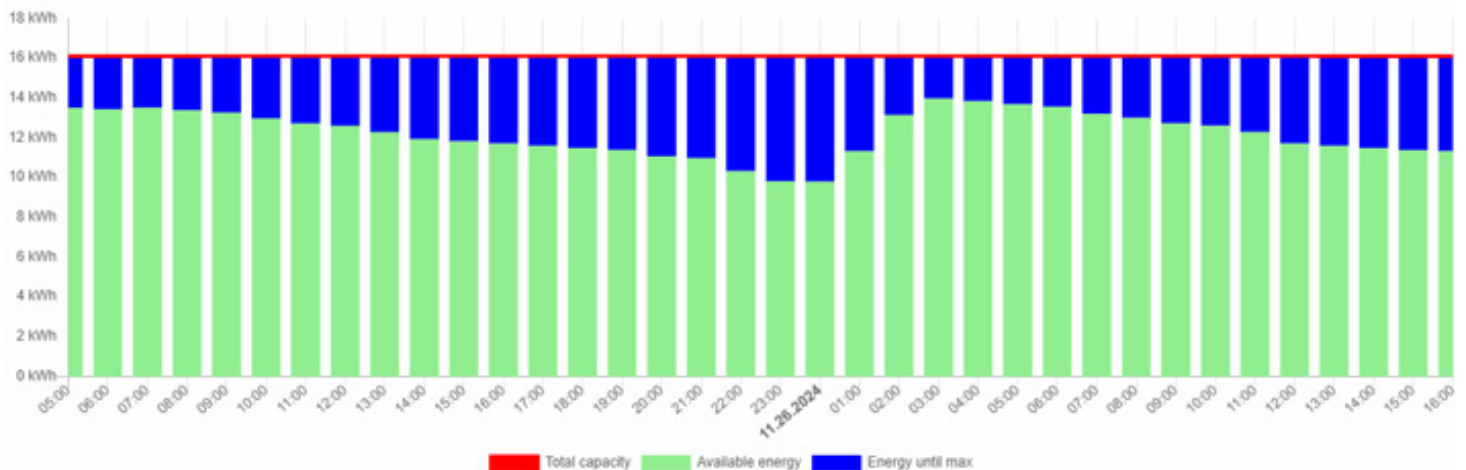
Dashboard offers full smart control of the fleet

- Unique energy management fleet control products developed for the Canadian market.
- The products fit well with asset management operators and building managers, serving buildings of all sizes.
- Energy management that facilitates optimization for consumers and building operators based upon electricity rates.
- See total energy consumption and by apartment. See status, temperature and state of charge for all units in the fleet.
- This dynamic interface facilitates informed decision-making, enabling users to enhance their energy management strategies effectively.
- Low service costs.
- Interactive platform for real-time visualization of data enables building managers to monitor essential energy metrics and enhance their energy management strategies, including:
 - Aggregated Electrical Consumption: Displays total energy usage in real-time, allowing users to track their overall consumption and identify trends.
 - Consumption Energy Level: Shows energy usage over time, empowering users to optimize consumption and reduce costs.
 - Leak Detection: Get alerts in case of a leak.
 - State of Charge: See temperatures inside the water heater and how much energy is available.
 - Frequency and Voltage: See frequency and voltage and set parameters for frequency control if desired.
 - Status: See the status of all water heaters and their control settings.



Energy

Selected period: 36 hours



Subject to changes without notice

OSO inCharge app

Puts smart water heater in the hands of every customer

Using machine learning, OSO inCharge learns the consumption pattern of each individual household and moves heating to the hours with the lowest electricity price.



OSO inCharge



Features also accessible through our web interface

The OSO inCharge app gives insight into capacity, number of showers available, as well as historical overview of consumption.



Electric installation

Min. 15A for 3kW and 25A for 4.8kW
1x240 VAC, 60 Hz

Communication

WiFi 2.4 GHz, IEEE 802.11 b/g/n
Integrated SIM (4G/LTE)
Identification and configuration with Bluetooth LE.
Push button with LED indication for device status.

Protection grade

IP 44

Standards and approvals

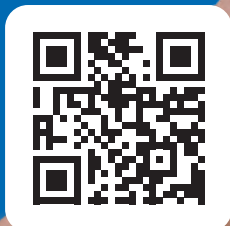
UL Certified
CSA E607030-1.15
CSA E607030-2-9
FCC Parts 15.35(c), 15.209(a),
15.247(d), 15.407(b), 47
CFR Part 15B, ICES-003

Software products

- OSO inCharge app (individual user).
- Building Management System (fleet manager platform).

Hardware

- Smart Water Heater (Supercharged model).
- Integrated Leak Detection.



Learn more at
www.osohotwater.ca