OhmConnect

FACT SHEET

OhmConnect

I. Background

Founded in 2014 by Cadir Lee, Matt Duesterberg and Curtis Tongue, OhmConnect's mission is to mitigate climate change by reducing the need for fossil-fueled power and stabilizing the electric power grid; and to engage consumers in managing their energy use by rewarding them for saving energy. OhmConnect currently operates in California, Ontario, and Australia, and will be operating in Texas in 2021.

II. How it Works

OhmConnect rewards users for saving energy during periods when the power grid is stressed due to the high demand for electricity — generally in the early evening hours from 4:00-9:00 pm. OhmConnect then aggregates the savings of hundreds of thousands of users, and sells those savings in the wholesale energy market on a daily basis — and rewards users for their reductions.

OhmConnect users can save energy in one of two ways:

- "Manually," by turning off appliances and lights when alerted by OhmConnect; or
- "Automatically," by remotely controlling their home appliances with wifi-enabled "smart" technology.

A user's refrigerator, for example, can be plugged into a $20 wifi-enabled "smart plug" which is plugged into the wall. The fridge can then be controlled by the user's phone, or remotely by OhmConnect. Smart plugs can be used on most high energy consuming appliances. Other examples of "smart" devices that OhmConnect controls include thermostats, hot water heaters, battery systems and electric vehicles.

III. It's a Numbers Game

150,000: Active OhmConnect customers in California.

50,000: Active "smart" devices connected to the OhmConnect platform.

1 GWh: During California's August 13-20, 2020 heat wave and power outages, OhmConnect users saved more than 1 Gigawatt hour of electricity (1GWh), which is the equivalent of taking more than 600,000 homes off the grid for an hour.

$1.3 Million: During the August 13-20, 2020 heat wave, OhmConnect awarded its users $1.3 million for saving energy.

3,972,200: Cumulative kWh saved by OhmConnect customers since mid-2016 (nearly 4 Gigawatt hours).