

**Osaka Gas Begins Collaboration with Sharp in Providing Equipment Utilizing an IoT Platform
—Mobile App Provided by Sharp Enables Remote Control of IoT-connected Gas Equipment—**

May 28, 2020

Osaka Gas Co., Ltd.

On May 28, 2020, Osaka Gas Co., Ltd. (President: Takehiro Honjo; hereinafter, “Osaka Gas”) began collaboration with Sharp Corporation (Chairman and President: J. W. Tai; hereinafter, “Sharp”) in combining Osaka Gas’s platform for IoT-connected gas equipment with Sharp’s AIoT platform. This collaboration enables the users of Osaka Gas’s IoT-connected home fuel cell Ene-Farm (hereinafter, “Ene-Farm”) and home gas water heater (hereinafter, “water heater”) to issue a command to fill the bathtub with hot water via COCORO HOME, a smart life app provided by Sharp. Osaka Gas has achieved this collaboration through its partnership with AIoT Cloud Inc. (President: Ryosuke Akabane; hereinafter, “AIoT Cloud”), a wholly-owned subsidiary of Sharp.

Since introducing IoT technology to the field of home gas equipment for the first time in Japan in April 2016, Osaka Gas has merchandised Ene-Farm, gas water heaters and other products that are always connected to the internet. With about 70,000 pieces of equipment connected to the internet to date, we have striven to help our customers live more comfortable lives by providing IoT-based services, including remote control of equipment via a dedicated mobile app, remote monitoring of equipment, and visualization of energy consumption.

In addition, we are actively working to enhance the functions of gas equipment, for example, by coordinating it with other companies’ AI speakers. Last year, we participated as an exhibitor in CEATEC 2019,* one of Asia’s largest Society 5.0 exhibitions, the first time a Japanese energy company has done so, in order to more broadly share information about our IoT-based initiatives. We have thus discussed the achievement of new value for customers with various alliance partners.

We will continue our efforts to develop products and services that can enable our customers to live more convenient, more secure, and more comfortable lives, not only by enhancing our IoT technology-based gas equipment but also by enabling more products and services from other companies to be used in coordination with our own products and services, just as through this collaboration.

* CEATEC 2019 (sponsored by the CEATEC Executive Board*) was held at Makuhari Messe from Tuesday, October 15 to Friday, October 18, 2019. To create new businesses under the themes of IoT and co-creation with the participation of all industries and occupations, 787

companies/organizations participated as exhibitors in the exhibition, and a total of 144,491 people visited the event.