

Proposal from Corporate Consumers Aiming to Sourcing 100% Power from Renewable Electricity

We request that the Japanese Government draw on all policies and measures to transform Japan's power grid to one powered by 50% renewable electricity by 2030

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by

RE100 Members in Japan

Askul Corporation, Aeon Co., Ltd., Envipro Holdings, Inc., Co-op Sapporo, Konica Minolta, Inc.,
The Johnan Shinkin Bank, Sekisui House, Ltd., Sony Corporation, Daito Trust Construction Co., Ltd.,
Daiwa House Industry Co., Ltd., Tokyu Land Corporation, Toda Corporation,
Nomura Research Institute, Ltd., Fujitsu Limited, Fujifilm Holdings Corporation,
Fuyo General Lease Co., Ltd., Marui Group, Ricoh Company, Ltd., Watami Co., Ltd., Apple Inc.

Organized by:

Japan Climate Leaders' Partnership (JCLP)

Supported by:

The Climate Group

Background: Why We Call for Change

The threat from climate change is real and significant: Abnormal weather-related events, such as extreme heat, drought, and flooding, are occurring across the world, negatively impacting approximately 62 million people globally in 2018. In Japan, experts tell us the record-breaking heat wave in the summer of 2018 would not have occurred were it not for global warming. The crisis is growing, with the physical, social, and economic effects of climate change worsening each year. Quick action toward a carbon-neutral society is a necessity.

Introducing renewable electricity improves corporate competitiveness: Many of the world's largest global corporations have come together to participate in the RE100 initiative, led by international non-profit, The Climate Group, in partnership with CDP, which commits participating companies to meet 100% of their electricity needs with renewable energy, and work to achieve carbon-neutral operations (179 companies have joined the initiative as of June 2019). In addition to being motivated by the need to take action on climate, many participating companies make this switch to renewable electricity to strengthen their competitiveness and to gain support from customers. Investing in renewable electricity, which is cost competitive in many countries, also aligns with investors' goals and improves overall corporate carbon productivity.

Societal benefits of renewable electricity: Renewable electricity is clean and low-carbon. It increases national security by reducing reliance on imported energy. It has no fuel cost and revitalizes the economy through local investments. Distributed renewable electricity gives societal benefits, such as by offering disaster resiliency.

Purpose of Our Proposals: There are now 19 Japanese corporations participating in the RE100 initiative (as of June 2019). Once they achieve 100% renewable electricity purchasing, they will bring 13 TWh of renewable electricity to Japan (1.4% of total electricity consumption nationwide), which exceeds an estimated purchase price of 130 billion yen. There are numerous inquiries from other companies, SMEs, and municipalities expressing their desire to commit to sourcing 100% renewable electricity. This interest indicates that the demand for renewable electricity can only grow.

We have committed to a switch to 100% renewable energy for electric power by 2050. Currently, the cost of generating renewable electricity in Japan is relatively high compared to the rest of the world and there are limited options to procure this electricity. We are making various efforts to address this, including direct cooperation with the suppliers of renewable electricity.

There are numerous obstacles to cost-competitive renewable electricity and its wide expansion that we as industry are uniquely positioned to surmount. Moving forward, we will continue to push for the adoption of renewable electricity, as well as energy efficiency improvement, while actively working to increase the number of partners who will help create the demand. However, our activities will most strongly be advanced by government swiftly implementing appropriate policies. Such a policy environment will allow us to further accelerate renewable electricity procurement.

Our Proposals

We request our government to draw on all policies and measures available to bring 50% renewable electricity to Japan's power grid by 2030. This request has three pillars:

1. **Fully evaluate the societal benefits of renewable electricity and formulate policies based on these benefits**
 - Upon examining Japan's electric power system, we hope the government will appropriately evaluate renewable electricity's societal benefits and share these findings nationwide
2. **Japan's power grid should be comprised of 50% renewable electricity by 2030**
 - In order to keep climate change well below the 1.5 or 2 degree Celsius rise target, it is crucial that the government announces a target to bring 50% of renewable electricity to Japan's power grid by 2030
3. **We want to see a system established in which renewable electricity can be price-competitive with other electricity sources, which requires:**
 - Creating a transmission and distribution network enabling achievement of 50% renewable electricity by 2030
 - Mid- to long-term institutional support to reduce risks associated with high-potential renewable electricity (wind power and other) development
 - Diverse, simplified ways of procuring renewable electricity, such as direct power purchase agreements (PPAs) between generators and consumers

Closing comments

Through demand for renewable electricity from RE100 companies, local governments, businesses, educational and healthcare institutions and the public, we can transform Japan's electricity grid, and bring massive economic investments, and do our part to tackle the urgent threat of climate change.

- End -

Note: The original text in Japanese includes footnotes and appendix.

RE100

Led by [The Climate Group](#) in partnership with [CDP](#), RE100 is a collaborative initiative bringing together the world's most influential businesses committed to 100% renewable power. Renewables are a smart business decision, providing greater control over energy costs while helping companies to deliver on emission reduction goals. RE100 members, including Global Fortune 500 companies, have a total revenue of over US\$4.5 trillion and operate in a diverse range of sectors – from information technology to automobile manufacturing. Together, they send a powerful signal to policymakers and investors to accelerate the transition to a low carbon economy. Please visit [RE100.org](https://re100.org) to find out more. #RE100

**RE100 in Japan**

Japan Climate Leaders Partnership ([JCLP](#)) is the regional delivery partner for RE100, on behalf of the Climate Group since April 2017 to support participation of Japanese companies. 19 Japanese companies have currently committed to the RE100 initiative (as of June 2019).

RE100 Members Group in Japan

A group of Japanese member companies of RE100 who, through dialogue with experts, policy makers and others, engage in activities such as collaboration between members and work on policy proposals. The participants include RE100 member companies, JCLP members, energy experts and academia. The group is organized by JCLP in cooperation with The Climate Group.

Please visit <https://japan-clp.jp/archives/2755> (in Japanese).