

September 9, 2025

**Commencing Transactions in the Electric Power Reserve eXchange
Utilizing the Ako Factory Facilities of Nihonkaisui**

Having successfully completed the required pre-assessment, Chiyoda Corporation (Chiyoda) is pleased to announce the commencement of transactions in the Electric Power Reserve eXchange (EPRX)^{*1} utilizing the Ako Factory facilities of Nihonkaisui Co., Ltd. (Nihonkaisui).

Following analysis of cogeneration system characteristics and the steam balance across the Ako Factory, Chiyoda has developed an operational strategy that enables flexibility^{*2} to the EPRX without disturbing factory production. The factory normally receives electricity from the grid and successfully entered the market by adjusting its electricity intake based on an EPRX dispatch order, supplying electricity back to the grid through a 'Nega-Posi model'^{*3} as required. Chiyoda and Nihonkaisui will maximize the potential value of Ako Factory assets and will contribute to stabilizing the local power grid by optimizing operation of the factory facilities in cooperation with EPRX.

Through its energy management business, Chiyoda works with plant operators to stabilize the power system and promote the spread of renewable energy. As a comprehensive engineering company, Chiyoda offers a multitude of solutions, such as energy storage, water electrolysis (Power to X), hydrogen and carbon circulation, that contribute to the realization of carbon neutrality. We also work with customers to support their business plans and technological development. Based on its purpose of 'Enriching Society through Engineering Value', Chiyoda continues to prioritize co-creation with customers and, as a partner, help them achieve business success, while contributing to the realization of a sustainable society through its corporate philosophy of 'Energy and Environment in Harmony'.

Comment from Mr. Yukihisa Taniguchi, General Manager of the Electric Power Division at Nihonkaisui Co., Ltd.

"Our company has developed its business centered around the blessings of the sea, the source of all life, and acts from the perspective of 'connecting people and the sea through technology' and 'contributing to a better life for people' as part of its mission. With the technical support from Chiyoda, we have launched a new initiative to utilize the facilities at our Ako Factory in the EPRX, which we will contribute to the stable supply of electricity in the region and to the realization of a sustainable society. We are convinced that this will embody our company's philosophy of 'connecting people and the sea through technology'.

Through our energy business, we will continuously work to contribute to solving regional electricity challenges."

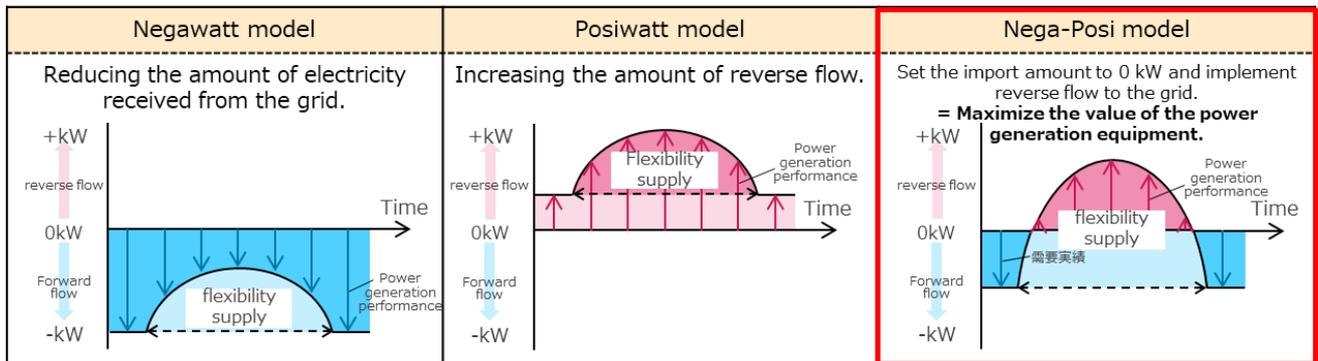
*1 Established for Transmission System Operators to procure the necessary electricity reserve and frequency control within their electricity supply areas.

(Japanese: <https://www.eprx.or.jp/outline/outline.html>)

*2 The ability to adjust electricity consumption and generation.

(Japanese: <https://www.eprx.or.jp/contact/jukyuchoseishijo/faq.html>)

*3 Balancing the grid by utilizing surplus power generation capacity within the plant to reduce electricity intake from the grid (Negawatt) and further implementing reverse power flow to the grid (Posiwatt).



[Reference]

Chiyoda's Energy Management Business:

<https://www.chiyodacorp.com/jp/service/energymanagement/>

Our Another Case Study on Entry into the Electricity Trading Market (Press Release dated July 3, 2025):

https://www.chiyodacorp.com/jp/media/assets/250703_r1.pdf

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