



Outline of User-participatory Renewable Energy Expansion Model

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Chubu Electric Power Co., Inc.

Chubu Electric Power Miraiz Co., Inc.

1 Overview of the Model

[Chubu Electric Power Group]

Aiming to expand renewable energy through renovation of existing power plants, etc., but there are limits to expansion by Chubu group alone



[User (Consortium Member)]

Not only utilizing renewable energy, but proactively supporting expansion of renewable energy

User-participatory renewable energy expansion model

User participation from the planning stage of renovation

Selection and proposal of target hydroelectric power plants

Selecting plants that meet the "additionality" requirement of the users

Users (Consortium Members)



SKYWORKS®



Three other companies

PPA including additionality

Additional payment* shall be made for the "additionality" of the increased power

Renewable electricity including an increased amount

Expansion of non-FIT renewable energy power supply

Renewable electricity including an increased amount

Allocation for power plant renovation



Renovation of existing hydroelectric power plants to increase electricity



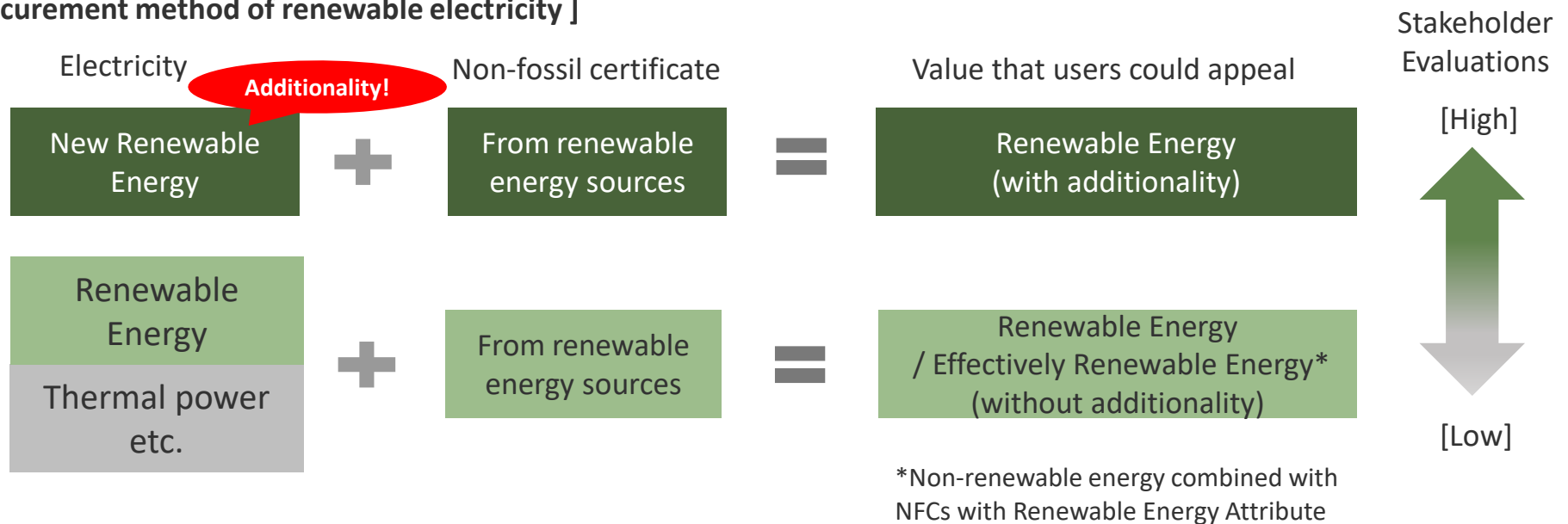
Sales of renewable electricity

*Equivalent to the cost required for the renovation minus the cost borne by the Chubu Electric Power Group.




2 What is additionality?

- The term "additionality" means **the effect of contributing to an increase in the amount of renewable energy in the purchase of renewable electricity through the renovation or new development of renewable energy power sources.**
- By purchasing non-fossil certificates, users can promote the use of renewable electricity.
- Additionally, **by purchasing renewable electricity with additionality, users can actively contribute to the expansion of renewable energy in society and also showcase their commitment to sustainability and responsible business practices in their public relations.**
- In order to achieve carbon neutrality throughout the supply chain by 2030, many global companies, mainly in Europe and the U.S., are being encouraged not only to use renewable electricity but also to introduce renewable electricity with "additionality."

[Procurement method of renewable electricity]



3 Overview of Consortium Members

Company name	Head Office	Established at	Business Overview
Applied Materials, Inc. 	California, USA	1967	Development and manufacture of semiconductor manufacturing equipment, flat panel manufacturing equipment, and solar cell manufacturing equipment
Micron Technology, Inc. 	Idaho, USA	1978	Development and manufacture of semiconductor memories
Skyworks Solutions, Inc. 	California, USA	2002	Development and manufacture of semiconductor memories

4 Efforts at Oigawa Hydroelectric Power Plant Unit 1

Chubu Electric Power Group



- Owner/Operator of Oigawa Hydroelectric Power Plant Unit 1 conducting renovation work in this Model
- Contracting party of PPA with Consortium Members

Consortium Members



- Paying for additionality from the renovation of the Oigawa Hydroelectric Power Plant Unit 1
- Receiving renewable electricity with additionality from the Oigawa Hydroelectric Power Plant through Chubu Electric Miraiz

Renovation of Oigawa Hydroelectric Power Plant Unit 1

- Improvement of power generation efficiency is expected by replacing the aged turbine runner

→ **Increase of about 1.9 GWh in annual power generation**

Oigawa Hydroelectric Power Plant

Address	Kawanehon-cho, Haibara-gun, Shizuoka
Generation output	68,200kW
Start of operation	October 1936
Renovation work	October 2024 to April 2025



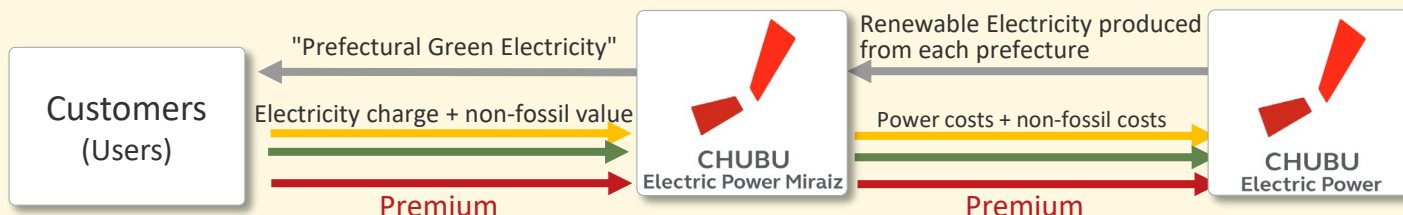
Reference: Comparison with Miraiz's "Local Green Electricity"

	Renewable energy value	Additionality
This Model	○	◎ (Contributing to the additionality of Specific Power Sources)
Local Green Electricity*	○	○ (Contribution to the additionality of power sources focusing on the prefectural regionality)

*Menus of 100% renewable energy and CO2-zero-emissions electricity, procured from hydroelectric power plants in Nagano, Shizuoka, Mie, Gifu, and Aichi Prefectures, plus environmental value through the use of non-fossil certificates derived from such electricity.

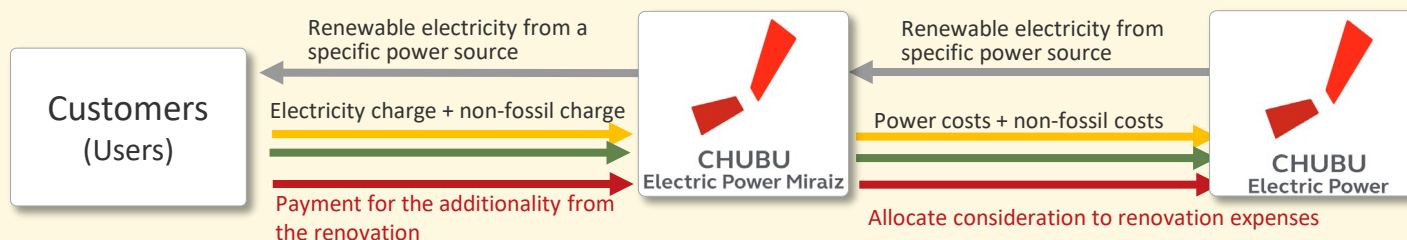
(Shinshu Green Denki, Shizuoka Green Denki, Mie Umashi-kuni Green Denki, Gifu Seiryu Green Denki, Aichi Green Denki)

Local Green Electricity: Contributing to the Maintenance and Expansion of Prefectural Power Generation through Local Production and Consumption of Electricity



Maintain and expand locally produced power sources

This Model: Expanding proactively renewable energy by allocating consideration for additionality to increase renewable energy source



Additionality