Document 2



Briefing Materials for the Regular Press Conference

31 May 2023 JERA Co., Inc.

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1. Renewable Energy Business

Initiatives in Taiwan

- Participated in Asia's first large-scale project, Formosa 1, and its successor Formosa 2, in Taiwan, a leading region for offshore wind power in Asia.
- Took a **leading role in the Formosa 2 project from the construction stage**, accumulating unique experience and expertise as a Japanese participant.

Taipei



Formosa 1

| | | Phase 1 | Phase 2 |
|--------------|---------------------|----------|----------|
| | neration apacity | 8 MW | 120 MW |
| Net Capacity | | 2.6 MW | 39 MW |
| Constr | Start | Apr 2016 | Jun 2018 |
| uction | Completion | Oct 2016 | Oct 2019 |
| (| COD | Apr 2017 | Dec 2019 |







| Ger Ca | 376 MW | | | |
|-----------|------------|-------------|--|--|
| Net | Capacity | 184.24 MW | | |
| Constr | Start | Jun 2019 | | |
| uction | Completion | Jan 2023 | | |
| | COD | In progress | | |





Acquisition of major renewable energy companies in Europe and Japan

- Utilize the talents and expertise of Parkwind in Japan and other strategic regions
- Align with the achievements, experience, and future potential of offshore wind power from Green Power Investment (GPI) to complement our global resources
- ⇒ Aim for **further expansion of the global offshore wind power business** with Parkwind and GPI as twin pillars



Acquisition of Parkwind, the largest offshore wind power operator in Belgium

- Acquisition of over 130 talented professionals including development engineers, project managers, and operation technicians.
- Gain knowledge and insights into offshore wind power operations in Europe.

| Phase | In Operation | | | | Under Construction | Under | |
|--------------------------|--------------|-----------|-----------|---------------|--------------------|-------------|--|
| Offshore Wind Project | Belwind | Northwind | Nobelwind | Northwester 2 | Arcadis Ost 1 | Development | |
| Generation Capacity (MW) | 171 | 216 | 165 | 219 | 257 | - | |
| Net Capacity (MW) | 134 | 65 | 68 | 153 | 180 | 4,526 | |



Acquisition of GPI, the leading renewable power generation company in Japan¹

- Engaged in the development, construction, and operation of domestic renewable energy projects for many years. Possess around 200 talented professionals who are well-versed in these areas.
- Currently constructing an offshore wind farm (with a capacity of 112MW) in Ishikari Bay, Hokkaido

| Phase | In Operation | | Under Co | nstruction | Under Development | |
|-------------------------------------|--------------|--------------|--------------|---------------|----------------------------|-----------------------|
| Type PV Ons | | Onshore Wind | Onshore Wind | Offshore Wind | Onshore Wind | Offshore Wind |
| Generation Capacity ² 56 | | 281 | 80 | 112 | Approx. 1,500 ³ | Before public auction |

1. Joint acquisition with NTT Anode Energy 2. Includes stakes in other companies 3. Limited to FIT-certified projects

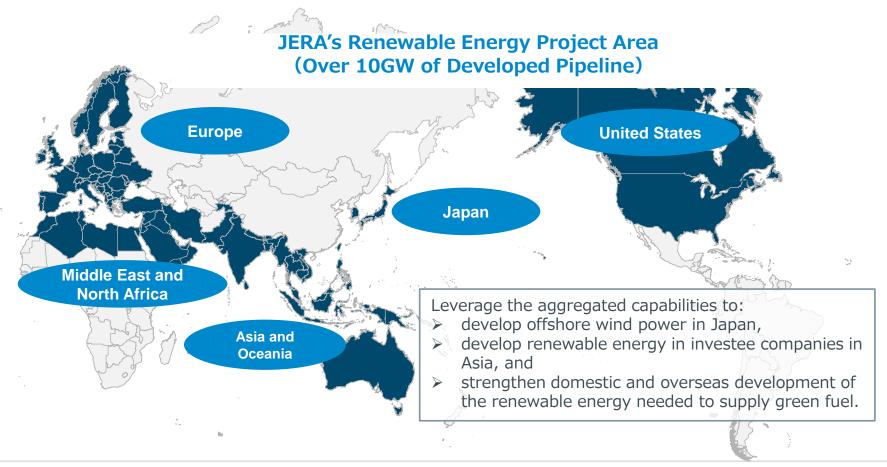
JERA's renewable energy development status and initiatives

| Integration Parkwind | y businesses under a eate a global structure |
|------------------------------|--|
| Parkwind | of |
| 0 | ρ |
| | Integration of |
| | GPI Green Power |
| JERA Gree (UK corporation | |
| | Professional talent at |
| Strengthen |) Josepher |
| | Strengthen cooperation with regiona offices |

Jela

Developing a global renewable energy business

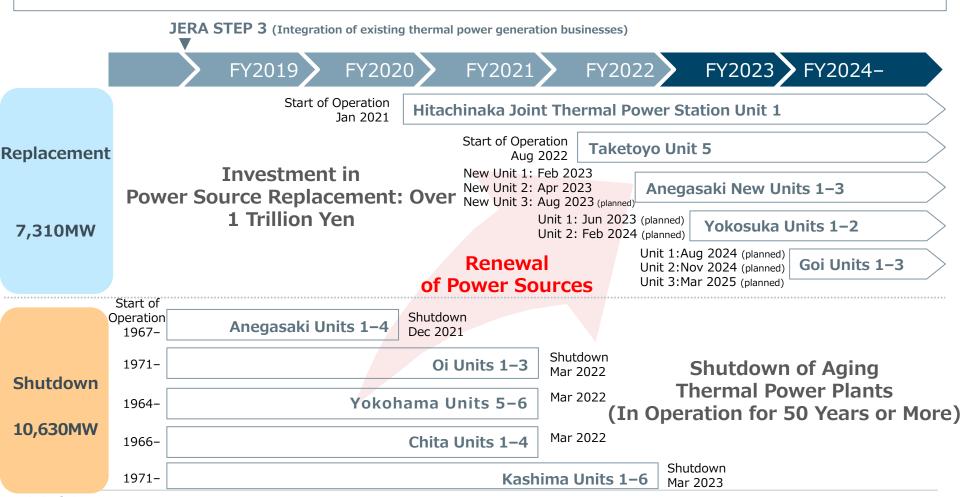
- Utilize the knowledge and technology accumulated in our company's renewable energy organization for renewable energy projects in Japan and overseas
- Provide optimal solutions by providing multiple options combining LNG and hydrogen/ammonia with renewable energy



2. Review of Power Supply and Demand and Plans for a Stable Supply Going Forward

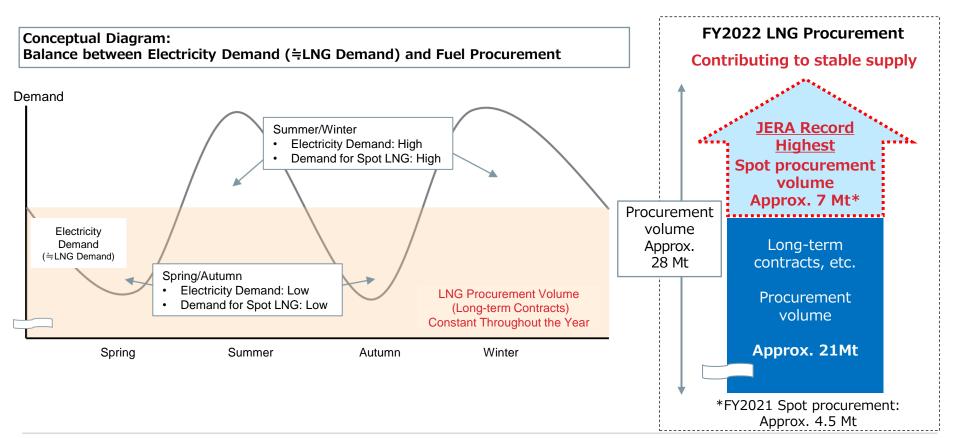
Efforts to secure kW (power supply capacity)

- Power plants constructed during the period of high economic growth have aged, making it increasingly difficult to ensure a stable supply by maintaining existing facilities.
- ⇒ Contribute to a stable supply by renewing our sources of power by **investing more than 1 trillion yen in the replacement** and decommissioning of aging equipment



Efforts to secure kWh (fuel)

- Although there is a surplus of LNG in spring and autumn when electricity demand is low, a considerable amount of spot procurement is required in summer and winter when electricity demand peaks (LNG spot procurement in fiscal 2022: approximately 7 million tons).
- We are working to secure a stable supply of fuel by building an LNG portfolio (combining long-term contracts, short-term contracts, and spot procurement) and by optimizing flexible procurement and resale through JERAGM to strike a balance in accordance with the seasons.



Initiatives to ensure a stable supply of electricity going forward

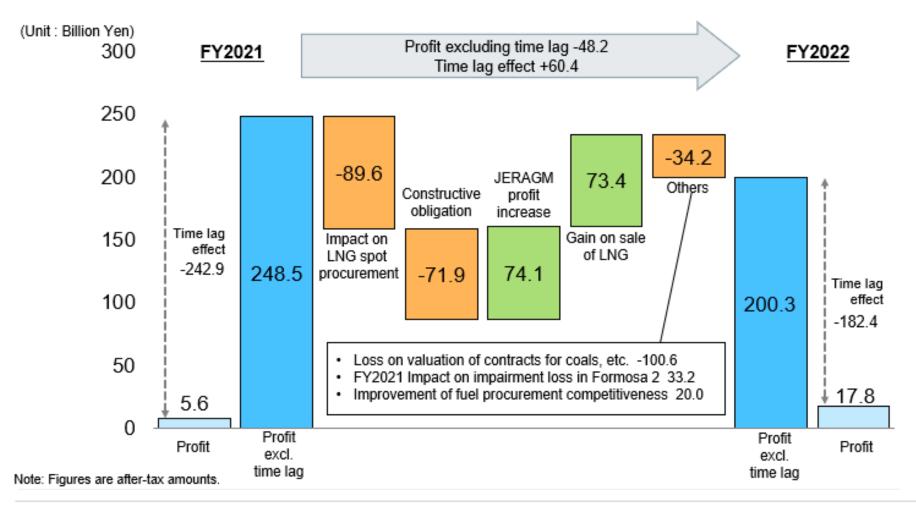
- Although falling global demand enabled us to safely procure fuel in FY 2022, we are not optimistic about fuel procurement in 2023.
- We expect to secure the minimum reserve required for the summer, but the situation remains unpredictable.
- ⇒ Ensure fuel procurement for a stable supply by closely monitoring fuel market conditions and receiving support from the government. As the same time, we will strive to secure kW by steadily replacing aging equipment with state-of-the-art power stations and responding to public auctions in the event of a shortage.

| Effect on e | electricity supply and demand | | FY2022 | FY2023 | |
|-------------------------|--|--------|---|--|---|
| LNG | Overseas demand | Europe | ×Demand for LNG increased as a substitute for Russian gas ○Decreased demand due to mild winter | ×Demand for LNG increases as a substitute for Russian gas ? Fluctuations in demand | |
| market | market | China | Opecreased demand due to zero-Covid policy | ? Effect of changes to zero-Covid policy | |
| | Supply | | _ | ? Sluggish production at LNG plants | |
| Domestic electricity | winter ⇒ Condit public auction winter public public public ricity ket | | ×Shortage of kW in summer ⇒Conditions remain difficult despite public auctions ? kW in summer | | |
| market | | | I V///h | | _ |

3. FY2022 Consolidated Financial Results and Synergy Effects

FY2022 Consolidated Financial Results

[From the FY 2022 Financial Results Briefing]



Segment Information

[From the FY 2022 Financial Results Briefing]

(Unit: Billion Yen)

| | FY2022(A) | | FY2021(B) | | Change(A-B) | | |
|---|----------------------|-------------------------|----------------------|--------------------------------|----------------------|-------------------------|--|
| | Operating Revenue | Net Income / Loss | Operating Revenue | Net Income / Loss | Operating Revenue | Net Income / Loss | Main Factors of Changes in Net Income |
| Fuel Related | 585.7 | 201.3 | 454.7 | 146.1 | 131.0 | 55.1 | •JERAGM profit increase +74.1 |
| Overseas Power Generation | 8.6 | -6.5 | 4.1 | -34.7 | 4.5 | 28.2 | •(2021) Impairment loss in Formosa 2 +33.2 •Profit decrease in overseas IPPs -21.1 |
| Domestic Thermal Power Generation and Gas Supply | 6,153.4 | -11.0 154.8**² | 3,118.3 | -121.4 131.0 ^{**2} | 3,035.1 | 110.4 23.7**² | Gain on sale of LNG +73.4 Improvement of fuel procureme nt competitiveness +20.0 Impact of fuel inventory unit prices +14.7 Impairment loss, etc. +29.4 Impact on LNG spot procurement -89.6 Constructive obligation -71.9 |
| Adjustments *1 | -2,010.0 | -165.8 -149.2**² | -808.1 | 15.7 6.2**² | -1,201.8 | -181.6 -155.4**² | *Loss on valuation of contracts for coals, etc100.6 |
| Consolidated | 4,737.8 | 17.8 200.3**² | 2,769.1 | 5.6 248.5**² | 1,968.7 | 12.1 48.2**² | |

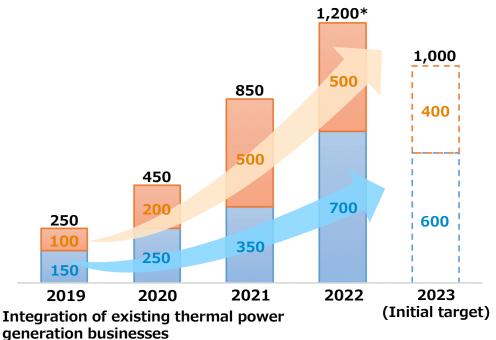
^{* 1 : &}quot;Adjustments" includes headquarter expenses and consolidation adjustments such as intersegment eliminations

We will review how segment disclosures should be, for the next fiscal year.

 $[\]times$ 2 : Excluding the effect of time lag

Synergies gained by integrating existing thermal power generation businesses

- In 2019, JERA integrated its existing thermal power generation businesses. We aimed to achieve synergies worth at least 100 billion yen per year within five years and have achieved this goal a year ahead of schedule.
- Contribute to the stable supply of electricity to the domestic market by improving cost efficiency in the O&M sector and creating new sources of revenue that can become foundations of the business.



New sources of revenue as foundations of the business

- Global level O&M business
- Optimization of the entire value chain through integrated operations
- Project development leveraging our enhanced presence due to the Step 3 integration that made us one of the world's leading energy companies

Making the thermal power generation business more cost-competitive

- Make O&M model more efficient using best practices of TEPCO and Chubu
- Rationalization through material procurement and outsourcing that leverages economies of scale
- Development and operation of state-of-the-art methods.

^{*}Excluding the 80-billion-yen one-time profit contribution from the trading business that does not depend on synergies