

Supplementary Material on Financial Results for 3Q, the Fiscal Year Ending March 2022

Creating our future with renewable energy.



February 8, 2022

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As a general rule and unless indicated otherwise, consolidated figures are used for the monetary amounts listed in this document. As amounts less than one million yen are rounded off, totals in each column may not match.

In this document, current(quarterly) profit is listed as net(quarterly) income attributable to owners of the parent.

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I. Financial Results for 3Q, the Fiscal Year Ending March 2022 (IFRS)

Key Highlights for 3Q, FY3/2022 and Recent Updates

1 Revised full-year financial outlook for FY3/2022 on Jan 7th, 2022, incorporating all losses from the results of the offshore tender offer during the current fiscal year.

2 Norfund (Norway) joined Kiangan Hydroelectric (17.4 MW) in February 2022.

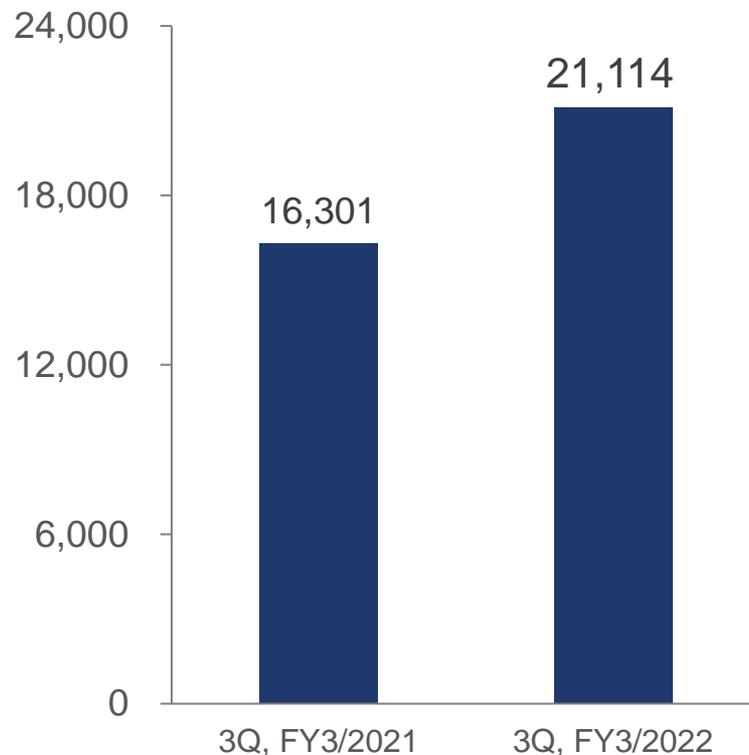
3 Started the feasibility study on onshore wind project with battery storage in American Samoa in December 2021.

Trend in Revenue and EBITDA*¹ (IFRS)

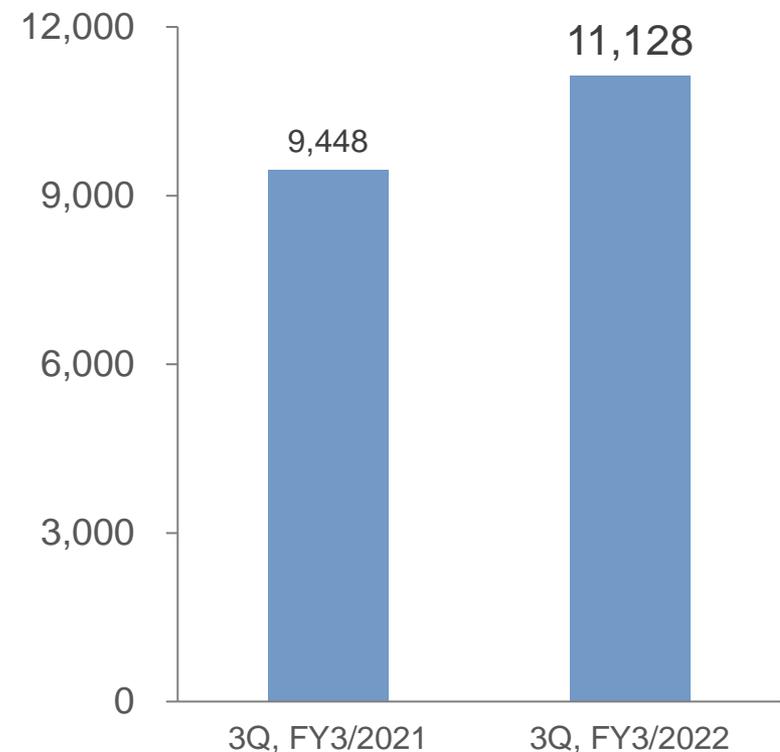
(Million yen)

- Revenue and EBITDA increased as planned from the same period of the previous fiscal year due to the commencement of operation of Kanda Biomass and Karumai Sonbou Solar, although business development fees anticipated from offshore wind business were not realized.

Revenue (Actual)



EBITDA (Actual)*¹



*1 EBITDA= Revenue - Fuel expenses - Outsourcing expenses - Payroll and related personnel expenses + Share of profit (loss) of investments accounted for using the equity method (except for Akita Yurihonjo offshore wind G.K.) + Other income and expenses. EBITDA is subject to neither audit nor quarterly review.

Financial Highlights (IFRS)

(Million yen)

- Profit attributable to owners of the parent decreased as a result of the disposal of losses on equity interests associated with the result of the offshore tender offer, etc.

| | FY3/2021 3Q YTD | FY3/2022 3Q YTD | FY3/2022 (Revised Outlook) | Change |
|---|--------------------|--------------------|----------------------------------|--------|
| Revenue | 16,301 | 21,114 | 28,600 | 73.8% |
| EBITDA*1 | 9,448 | 11,128 | 12,200 | 91.2% |
| <i>EBITDA margin</i> | 58.0% | 52.7% | 42.6% | - |
| Operating profit | 4,944 | 995 | -500 | NA |
| Profit attributable to owners of the parent | 3,895 | 2,124 | -1,100 | NA |
| EPS (yen)*2 | 50.82 | 27.24 | -13.98 | - |
| LTM ROE*3 | - | 50.2% | -% | - |
| Number of power plants in operation (The figures in parentheses () represents the number of power plants to which equity method investment is applied.) | 12(0) | 14 (1) | 14 (1) | - |
| Capacity (MW)*4 | 333.3 | 593.1 | 593.1 | - |

*1 EBITDA= Revenue - Fuel expenses - Outsourcing expenses - Payroll and related personnel expenses + Share of profit (loss) of investments accounted for using the equity method (except for Akita Yurihonjo offshore wind G.K.) + Other income and expenses. EBITDA is subject to neither audit nor quarterly review.

*2 The EPS value does not consider adjustment for dilutive shares.

*3 For the purpose of calculating ROE, the profit figure for the last 12-month period is used, and the equity figure used is the simple average of the values at the beginning and the end of the last 12-month period.

*4 The capacity figures represent gross generation capacity.

Results by Segment (IFRS)

(Million yen)

- In the Renewable Energy Power Generation Business, revenue and EBITDA increased due to the commencement of operation at Kanda Biomass and Karumai Sonbou Solar. The impact from “Premium Electricity Purchase on FIT Price” was insignificant.
- In the Renewable Energy Development and Operation Business, operating income decreased year-on-year due to reduced business development fees as well as the disposal of losses on equity interests associated with the result of the offshore tender offer, etc.

| | | FY3/2021 3Q YTD | FY3/2022 3Q YTD | Change | |
|--|-------------------------|----------------------|--------------------|--------|--------|
| Renewable Energy Power Generation Business | (A) | Revenue | 13,473 | 19,887 | 47.6% |
| | | EBITDA ^{*2} | 10,233 | 13,432 | 31.0% |
| | | Operating profit | 5,827 | 7,674 | 31.7% |
| Renewable Energy Development and Operation Business + Elimination | (B) ^{*1} | Revenue | 2,828 | 1,227 | -56.6% |
| | | EBITDA ^{*2} | -785 | -2,304 | NM |
| | | Operating profit | -883 | -6,679 | NM |
| Total | (A) + (B) ^{*1} | Revenue | 16,301 | 21,114 | 29.5% |
| | | EBITDA ^{*2} | 9,448 | 11,128 | 17.8% |
| | | Operating profit | 4,944 | 995 | -79.9% |

^{*1} When receiving development fees from affiliated companies, RENOVA records such development fees in its consolidated financial results after deducting amounts that correspond to RENOVA's ownership stake in those affiliated companies.

^{*2} EBITDA= Revenue - Fuel expenses - Outsourcing expenses - Payroll and related personnel expenses + Share of profit (loss) of investments accounted for using the equity method (except for Akita Yurihonio offshore wind G.K.) + Other income and expenses. EBITDA is neither subject to audit nor quarterly review.

Key Balance Sheet Items and Credit Metrics (IFRS)

(Million yen)

- Equity ratio rose due to the change in fair value evaluation of long-term forward exchange contracts related to fuel procurement in the biomass business.
- SPC project finance accounts for appx. 80% of consolidated interest-bearing debt. The majority of the project finance has fixed interest rates through swap transactions.

| | | As of FY 3/2021 | End of 3Q FY 3/2022 | Change | Major Factors of Increase/Decrease |
|----------------------------------|--|--------------------|------------------------|--------|--|
| Key balance sheet items | Total assets | 220,546 | 296,209 | 75,663 | Increase due to consolidation of Kanda Biomass and construction of Tokushima-Tsuda Biomass |
| | Equity attributable to owners of the parent | 15,252 | 29,220 | 13,968 | Fair value evaluation of long-term foreign exchange contracts for biomass fuel procurement |
| | Net interest-bearing debt* ¹ | 122,630 | 165,411 | 42,781 | Consolidation of Kanda Biomass and construction of Tokushima-Tsuda Biomass |
| | Cash and deposits* ² | 40,356 | 44,349 | 3,993 | |
| | Interest-bearing debt* ³ | 162,986 | 209,760 | 46,775 | |
| Credit metrics | Ratio of equity attributable to owners of the Parent to Total assets | 6.9% | 9.9% | 2.9% | |
| | Equity Ratio | 11.3% | 16.7% | 5.4% | |
| | Net D/E ratio* ⁴ | 4.9x | 3.3x | -1.6x | |
| | Net Debt / EBITDA* ⁵ | 11.5x | 13.4x | 1.9x | |
| | Adjusted Net Debt / LTM EBITDA* ⁶ | 8.8x | 10.2x | 1.4x | |

*¹ Net interest-bearing debt = Interest bearing debt – Cash and deposits *² Cash and deposits = Cash and cash equivalents + Restricted bank deposit at SPCs

*³ Interest-bearing debt = loans payable + bonds + lease obligations + accrued interest-bearing liabilities

*⁴ Net D/E ratio = Net interest-bearing debt / Total Equity *⁵ EBITDA amounted 10,620 million yen for FY3/2021 and to 9,448 million yen for FY3/2022 3Q.

*⁶ Calculated excluding both Net Debt and EBITDA of SPC power plants with an operating period of less than 1 year.

Consolidated Statements of Financial Position (IFRS)

(Million yen)

- Total assets and Total liabilities increased due to the consolidation of Kanda Biomass.

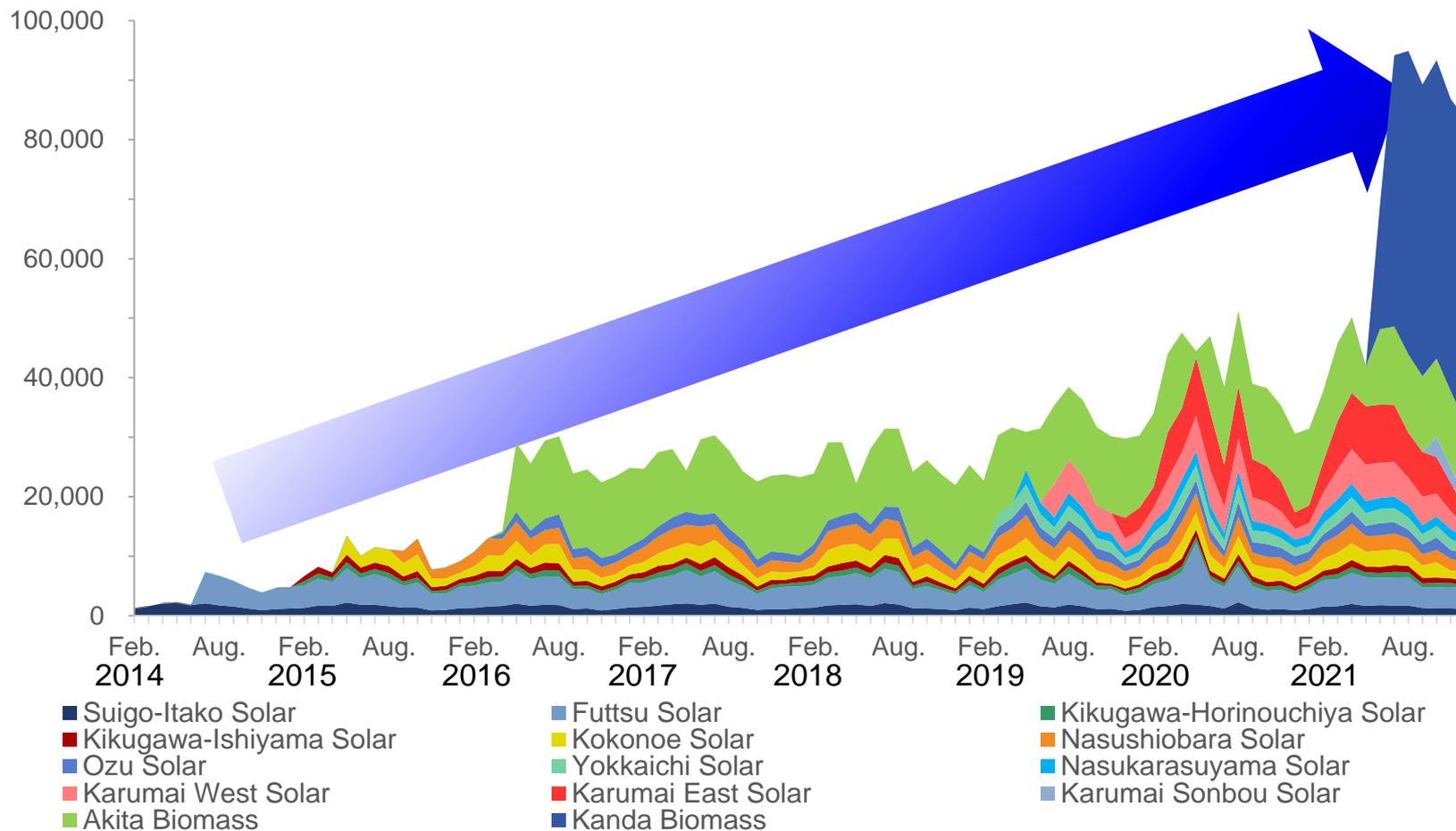
| | As of FY3/2021 | End of 3Q FY3/2022 | Change | Major Factors of Increase/Decrease |
|---|-------------------|-----------------------|---------------|--|
| Current assets | 46,699 | 54,432 | 7,734 | |
| Non-current assets | 173,847 | 241,776 | 67,929 | |
| Property, plant and equipment | 104,148 | 146,744 | 42,596 | Increase due to consolidation of Kanda Biomass |
| Intangible assets | 19,730 | 37,719 | 17,988 | Increase due to consolidation of Kanda Biomass |
| Other financial assets | 17,840 | 26,446 | 8,607 | Fair value evaluation of long-term forward exchange contracts for biomass fuel procurement |
| Other non-current assets | 4,733 | 5,819 | 1,085 | |
| Total assets | 220,546 | 296,209 | 75,663 | |
| Interest-bearing debt*1 | 162,986 | 209,760 | 46,774 | Increase due to the consolidation of Kanda Biomass |
| Other liabilities | 32,696 | 36,935 | 4,239 | |
| Total liabilities | 195,682 | 246,695 | 51,013 | |
| Retained earnings | 20,722 | 22,846 | 2,124 | Increase in retained earnings |
| Other components of equity | -8,729 | 3,104 | 11,833 | Changes in fair value of cash flow hedges |
| Equity articulable to owners of the Parent | 15,252 | 29,220 | 13,968 | |
| Non-controlling interests | 9,612 | 20,294 | 10,682 | Increase due to consolidation of Kanda Biomass |
| Total net assets | 24,864 | 49,514 | 24,650 | |

*1 Interest-bearing debt = loans payable + bonds + lease debt + accrued interest-bearing liabilities

Trend in Monthly Electricity Sales Volume for Domestic Power Plants As of December 2021

- Kanda Biomass (75.0 MW) in June 2021 and Karumai Sonbou Solar (40.8 MW) commenced operation in October 2021.
- Stable operation has been maintained since the start of operation of each power plant.

(Unit: MWh^{*1})



*1 Units express power generation volume (1 MWh = 1,000 kWh)

*2 United Renewable Energy Co., Ltd.

(Reference) Consolidated Subsidiaries of the Power Generation Business (IFRS / Million yen)

| | Power Generating Capacity (MW) | Purchase Price (/kWh) | | Revenue | EBITDA | EBITDA margin | Profit | Ownership Interest |
|--|---|-----------------------------|--------------------|---------|--------|------------------|--------|-----------------------|
| Suigo-Itako Solar^{*1} | 15.3 | ¥40 | FY3/2022 3Q | 554 | 490 | 88.3% | 186 | 68.0% |
| | | | FY3/2021 3Q | 552 | 459 | 83.1% | 161 | 68.0% |
| Futtsu Solar^{*1} | 40.4 | ¥40 | FY3/2022 3Q | 1,527 | 1,383 | 90.6% | 557 | 51.0% |
| | | | FY3/2021 3Q | 1,503 | 1,393 | 92.7% | 556 | 51.0% |
| Kikugawa-Ishiyama Solar^{*1} | 9.4 | ¥40 | FY3/2022 3Q | 363 | 322 | 88.8% | 111 | 63.0% |
| | | | FY3/2021 3Q | 360 | 315 | 87.6% | 103 | 63.0% |
| Kikugawa- Horinouchiya Solar^{*1} | 7.5 | ¥40 | FY3/2022 3Q | 285 | 248 | 86.9% | 81 | 61.0% |
| | | | FY3/2021 3Q | 283 | 242 | 85.6% | 75 | 61.0% |
| Kokonoe Solar^{*2 *3} | 25.4 | ¥40 | FY3/2022 3Q | 808 | 689 | 85.3% | 226 | 100.0% |
| | | | FY3/2021 3Q | 857 | 733 | 85.6% | 256 | 100.0% |
| Nasushiobara Solar^{*2 *3} | 26.2 | ¥40 | FY3/2022 3Q | 838 | 749 | 89.5% | 325 | 100.0% |
| | | | FY3/2021 3Q | 877 | 753 | 85.9% | 311 | 100.0% |

*1 K.K. (Corporation)

*2 T.K. (Silent Partnership)

*3 Taxable income from a T.K. belongs to the T.K. investors in proportion to their investment ratios, resulting in no taxation at the T.K. level.

(Reference) Consolidated Subsidiaries of the Power Generation Business (IFRS / Million yen)

| | Power Generating Capacity (MW) | Purchase Price (/kWh) | | Revenue | EBITDA | EBITDA margin | Profit | Ownership Interest |
|---|---|-----------------------------|-------------|---------|--------|------------------|--------|-----------------------|
| Ozu Solar ^{*1 *2} | 19.0 | ¥36 | FY3/2022 3Q | 580 | 483 | 83.3% | 140 | 100.0% |
| | | | FY3/2021 3Q | 616 | 522 | 84.7% | 155 | 100.0% |
| Yokkaichi Solar ^{*1 *2} | 21.6 | ¥36 | FY3/2022 3Q | 652 | 565 | 86.6% | 189 | 100.0% |
| | | | FY3/2021 3Q | 693 | 625 | 90.2% | 240 | 100.0% |
| Nasukarasuyama Solar ^{*1 *2} | 19.2 | ¥36 | FY3/2022 3Q | 589 | 498 | 84.5% | 147 | 100.0% |
| | | | FY3/2021 3Q | 561 | 482 | 85.9% | 125 | 100.0% |
| Karumai West Solar ^{*1 *2} | 48.0 | ¥36 | FY3/2022 3Q | 1,514 | 1,380 | 91.2% | 388 | 100.0% |
| | | | FY3/2021 3Q | 1,400 | 1,278 | 91.3% | 278 | 100.0% |
| Karumai East Solar ^{*1 *2} | 80.8 | ¥36 | FY3/2022 3Q | 2,424 | 2,240 | 92.4% | 797 | 100.0% |
| | | | FY3/2021 3Q | 2,267 | 2,096 | 92.5% | 645 | 69.3% |
| Karumai Sonbou Solar ^{*1 *2 *3} | 40.8 | ¥36 | FY3/2022 3Q | 277 | 232 | 83.6% | -38 | 55.0% |
| | | | FY3/2021 3Q | - | - | - | - | 46.0% |
| Akita Biomass (URE) ^{*5} | 20.5 | ¥32/¥24 | FY3/2022 3Q | 3,326 | 1,099 | 33.1% | 402 | 35.3% |
| | | | FY3/2021 3Q | 3,498 | 1,336 | 38.2% | 526 | 35.3% |
| Kanda Biomass | 75.0 | ¥24/¥32 | FY3/2022 3Q | 6,142 | 2,724 | 44.4% | 963 | 53.1% |
| | | | FY3/2021 3Q | - | - | - | - | 43.1% |

*1 T.K. (Silent Partnership) *2 Taxable income from a T.K. belongs to the T.K. investors in proportion to their investment ratios, resulting in no taxation at the T.K. level.

*3 October 8, 2021: As a result of the additional acquisition of equity interest, our company's equity ratio is now 55.0%.

*4 United Renewable Energy Co., Ltd.

II . Outlook for the Fiscal Year Ending March 2022 (IFRS)

Revised Full-year outlook for FY3/2022 (IFRS)

(Million yen / %)

- Revenue outlook has been reduced due to the absence of business development fees anticipated from domestic offshore wind business at the beginning of the period.
- Profits below operating income were affected by the disposal of losses on equity interests associated with the result of the offshore tender offer, etc.

| | FY3/2022 (Previous Outlook) | FY3/2022 (Revised Outlook) | Change |
|---|-----------------------------------|----------------------------------|--------|
| Revenue | 20,553 | 28,600 | -4.7% |
| EBITDA*1 | 10,620 | 12,200 | -3.2% |
| <i>EBITDA margin</i> | 51.7% | 42.0% | - |
| Operating Profit | 4,605 | -500 | NM |
| Profit attributable to owners of the parent | 11,507 | -1,100 | NM |
| EPS(yen)*2 | 149.67 | -13.98 | - |
| ROE*3 | 81.7% | -% | - |

- **Absence of a portion of expected business development fees, etc.**
- Proceeds from trial operation of Kanda Biomass.

- **Due to the disposal of losses on equity interests associated with the result of the offshore tender offer.**

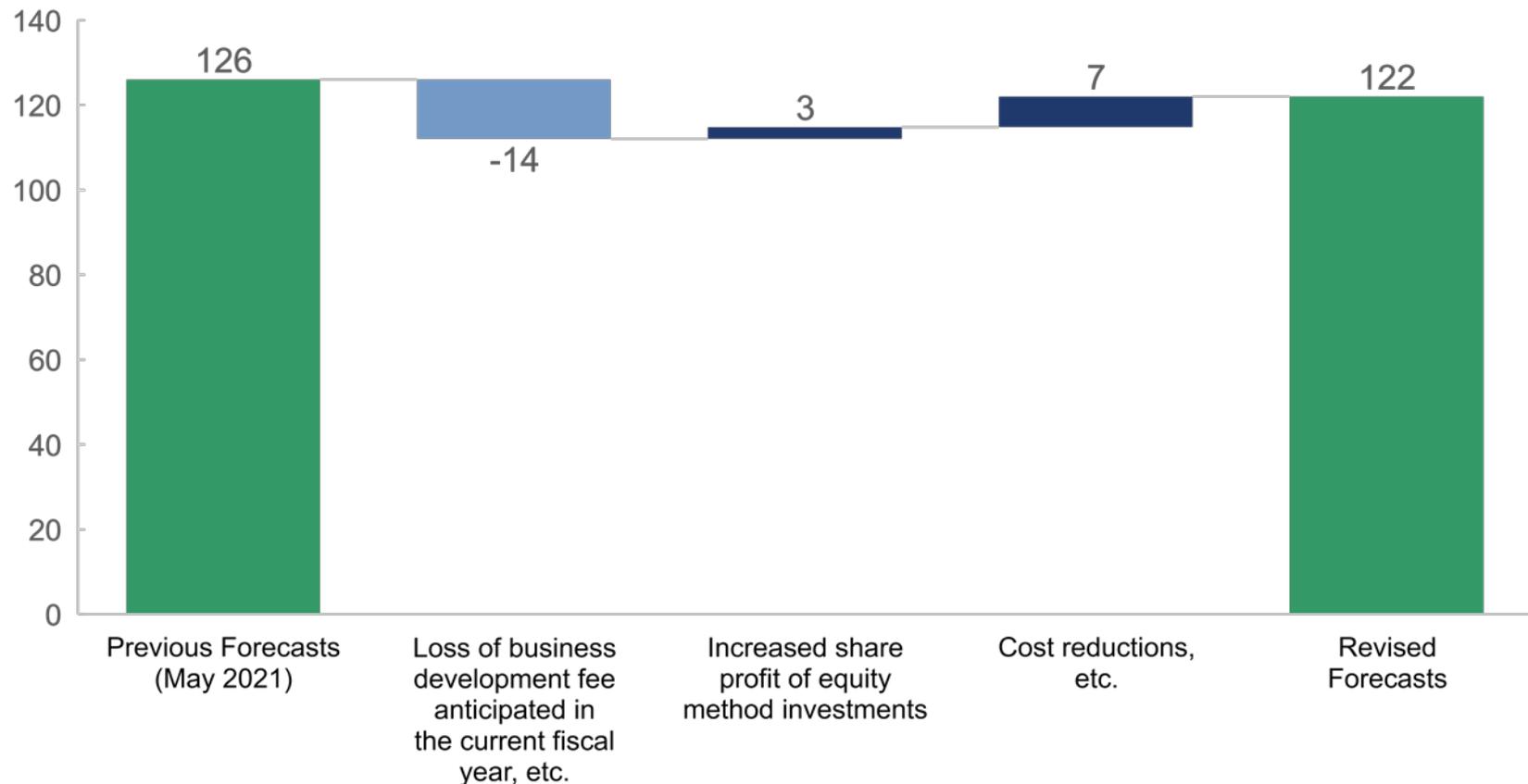
- Reversal of deferred tax assets
- Gain on the fair value recognition of call options for Karatsu Biomass.

*1 EBITDA= Revenue - Fuel expenses - Outsourcing expenses - Payroll and related personnel expenses + Share of profit (loss) of investments accounted for using the equity method (except for Akita Yurihonjo offshore wind G.K.) + Other income and expenses. EBITDA is neither subject to audit nor quarterly review. *2 EPS figures represents basic EPS. EPS for FY3/2022 has been calculated assuming that the total number of issued shares will remain unchanged from the total number of issued shares at the end of FY3/2021. *3 For the purpose of calculating ROE, the profit figure for the most recent 12-month period is used, and the equity figure used is the simple average of the values at the beginning of the most recent 12-month period and at the end of the most recent month period.

Forecast Variance: EBITDA

(100 Million yen / %)

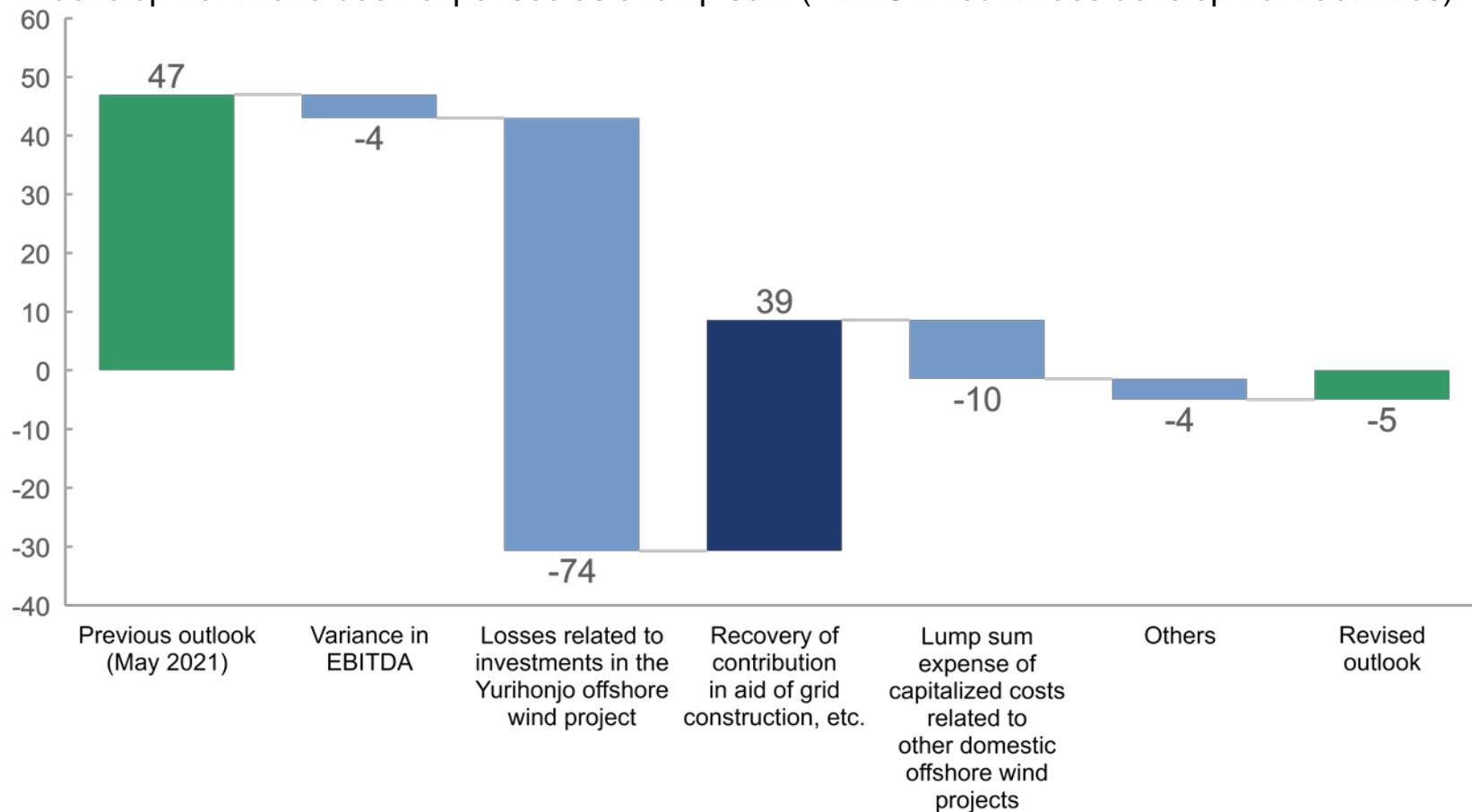
- While business development fees anticipated in this fiscal year have decreased, EBITDA forecast remains above 12 billion yen due to steady progress in the power generation business and cost reduction efforts.



Forecast Variance: Operating profit

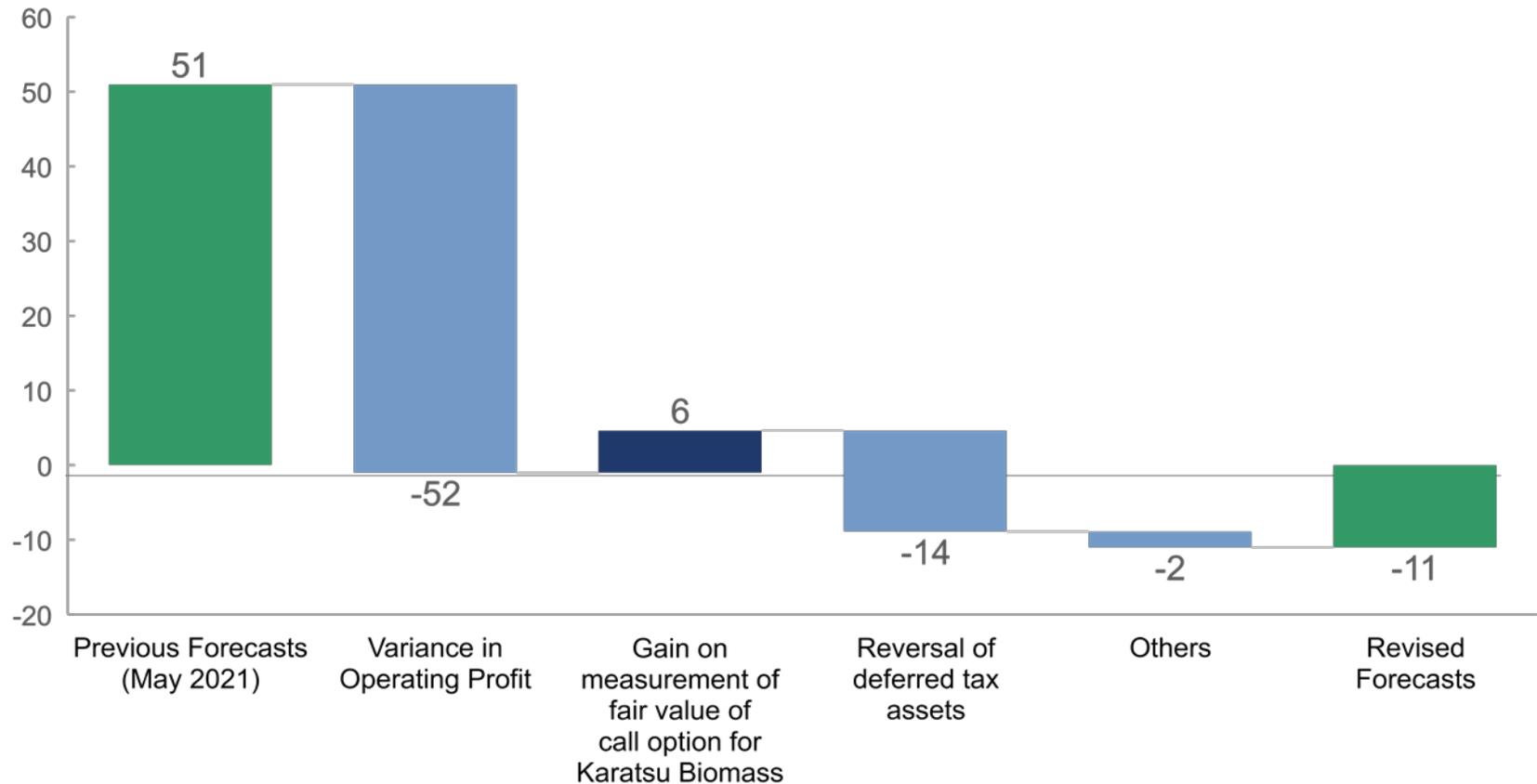
(100 Million yen / %)

- Recorded losses on investments in the Yurihonjo offshore wind project. Contribution made for grid construction will be recovered.
- All risk assets capitalized in the past related to domestic offshore wind projects under development have been expensed as a lump sum (RENOVA continues development activities).



Forecast Variance: Profit attributable to owners of parent (100 Million yen / %)

■ Reversed all RENOVA's non-consolidated deferred tax assets.



Major Assumptions for FY3/2022 Financial Forecast

As of February 8, 2022

Previous Outlook

Revised Outlook

Renewable Energy Power Generation Business

Consolidated Subsidiaries

- 12 Solar PV plants (operation) 353.6 MW
 - 6-month contribution from Karumai Sonbou Solar
 - Forecasts for some existing solar PV plants incorporate additional output curtailment
- 2 Biomass plants (operation) 95.5 MW
 - 8-month contribution from Kanda Biomass
 - Includes allowance for unplanned operational downtime

Income from equity in affiliates

- 1 onshore wind plant (operation) / 144.0 MW
 - Assumed 5-month contribution from Quang Tri onshore wind

Consolidated Subsidiaries

- 12 Solar PV plants (operation) 353.6 MW
 - 6-month contribution from Karumai Sonbou Solar
 - Forecasts for some existing solar PV plants incorporate additional output curtailment
- 2 Biomass plants (operation) 95.5 MW
 - 8-month contribution from Kanda Biomass
 - Includes allowance for unplanned operational downtime

Income from equity in affiliates

- 1 onshore wind (operation) / 144.0 MW
 - Assumed 5-month contribution from Quang Tri onshore wind
- 1 Biomass (operation) / 75.0 MW
 - Revenue from sales of electricity during commissioning of Kanda Biomass

Renewable Energy Development and Operation

Business Development Fees

- ¥2.8 bn^{*1}
 - Expected from multiple development projects

Business Development Fees

- Appx. ¥1 bn^{*1}
 - Reduced due to the absence of anticipated business development fees from offshore wind business

*1 Figures for business development fees are after elimination of intra-company transactions.

Business Outlook by Segment (IFRS)

(Million yen)

- The Power Generation Business grew due to the commencement of operation of Kanda Biomass and Karumai Sonbou Solar.
- In the Development and Operation Business, business development fees were reduced following the results of the offshore tender offer, and development costs for all domestic offshore wind projects capitalized in the past were expensed in a lump sum.

| | | FY3/2021 (Previous Outlook) | FY3/2022 (Revised Outlook) | Change | |
|---|----------------------|--------------------------------|-------------------------------|--------|--|
| Renewable Energy Power Generation Business (A) | Revenue | 27,000 | 27,300 | 300 | <ul style="list-style-type: none"> ■ Improvement of power generation efficiency of Kanda Biomass. ■ Growth due to steady operation of URE(Akita Biomass) . |
| | EBITDA ^{*2} | 15,700 | 16,300 | 600 | |
| | Operating profit | 7,800 | 8,400 | 600 | |
| Renewable Energy Development and Operation Business + Elimination (B) ^{*1} | Revenue | 3,000 | 1,300 | -1,700 | <ul style="list-style-type: none"> ■ Investment loss resulting from the offshore tender offer - 3,400 ■ Lump-sum Cost Accounting for Development Costs of domestic offshore wind projects - 1,000. |
| | EBITDA ^{*2} | -3,100 | -4,100 | NM | |
| | Operating profit | -3,100 | -8,900 | NM | |
| Total ^{*1} (A + B) | Revenue | 30,000 | 28,600 | -1,400 | |
| | EBITDA ^{*2} | 12,600 | 12,200 | -400 | |
| | Operating profit | 4,700 | -500 | -5,200 | |

^{*1} When receiving Business development fees from affiliated companies, RENOVA records such development fees in its consolidated financial results after deducting amounts that correspond to RENOVA's ownership stake in those affiliated companies.

^{*2} EBITDA= Revenue - Fuel expenses - Outsourcing expenses - Payroll and related personnel expenses + Share of profit (loss) of investments accounted for using the equity method (except for Akita Yurihonjo offshore wind G.K.) + Other income and expenses. EBITDA is neither subject to audit nor quarterly review.

III. Update on Project Development

Key Points for the Future

As of February 2022

1

Secure projected growth and establish robust earnings base by completing construction of biomass projects as planned.

2

Accelerate development in Asia, leveraging value-creation capability in engineering.

3

Redesign tactics for domestic offshore wind business.

4

Enhance sourcing activities for various energy sources in Japan.

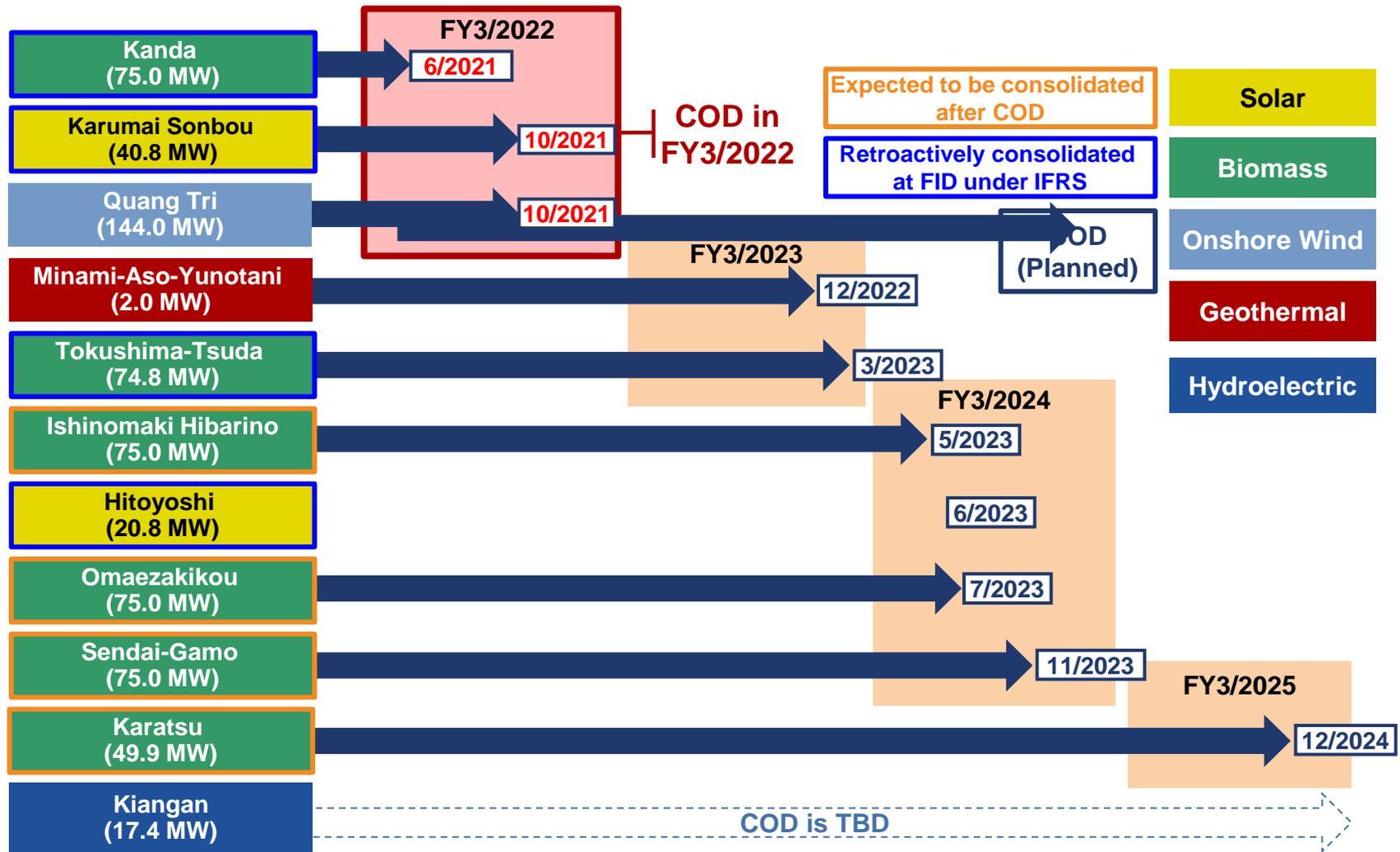
5

Develop products associated with renewable energy to contribute to the acceleration of decarbonization.

COD Schedule for Projects Under Construction^{*1*2}

As of February 2022

- Construction of all eight projects is progressing as scheduled.



*1 Projects under construction may be altered, delayed or cancelled. Projects for which work has commenced in accordance with the EPC contract are shown as "under construction".

*2 The COD of Kiangan hydroelectric (17.4 MW), which started construction in August 2021, has not been publicly disclosed.

Progress of Projects under Construction*1(1/2)

As of February 2022

- The construction of turbine buildings and piling work are progressing smoothly at various stages across all biomass projects under construction.

| | | |
|--|---|--|
| <p>Tokushima-Tsuda Biomass (74.8 MW, Tokushima-shi, Tokushima Prefecture)</p> <p>Installation of boiler equipment (As of Jan. 2022)</p>  <p>COD in March 2023 (Planned)*2</p> | <p>Ishinomaki Hibarino Biomass (75.0 MW, Ishinomaki-shi, Miyagi Prefecture)</p> <p>View of Site (As of Jan. 2022)</p>  <p>COD in May 2023 (Planned)*2</p> | <p>Omaezakikou Biomass 75.0 MW, Omaezaki-shi, Shizuoka Prefecture)</p> <p>Construction of boiler equipment (As of Jan. 2022)</p>  <p>COD in July 2023 (Planned)*2</p> |
| <p>Sendai-Gamo Biomass (75.0 MW, Sendai-shi, Miyagi Prefecture)</p> <p>Construction of management building (As of Jan. 2022)</p>  <p>COD in Nov. 2023 (Planned)*2</p> | <p>Karatsu Biomass (49.9 MW, Karatsu-shi, Saga Prefecture)</p> <p>Preparation work (As of Jan. 2022)</p>  <p>COD in Dec. 2024 (Planned)*2</p> | |

*1 Projects for which work has commenced in accordance with the EPC contract are shown as "under construction".

*2 Projects under construction may be altered, delayed or cancelled.

Progress of Projects under Construction*¹ (2/2)

As of February 2022

- Construction of office buildings and civil engineering work are progressing smoothly for Minami-Aso Yunotani Geothermal.
- Civil Engineering work for Hitoyoshi Solar and Kiangan Hydroelectric are making steady progress.

| | | |
|--|---|---|
| <p>Minami-Aso Yunotani Geothermal (2.0 MW, Minamiaso-mura, Aso-gun, Kumamoto Prefecture)</p>  <p>Site construction (As of Jan. 2022)</p> <p>COD in Dec. 2022 (Planned)*²</p> | <p>Hitoyoshi Sonbou Solar (20.8 MW, Hitoyoshi-shi Kumamoto Prefecture)</p>  <p>Adjustment pond (As of Jan. 2022)</p> <p>COD in June 2023 (Planned)*²</p> | <p>Kiangan in hydroelectric (17.4 MW, Ifugao Province, Philippines)</p>  <p>Civil engineering work (As of Nov. 2021)</p> <p>Under construction to COD*³</p> |
|--|---|---|

*1 Projects for which work has commenced in accordance with the EPC contract are shown as "under construction".

*2 Projects under construction may be altered, delayed or cancelled.

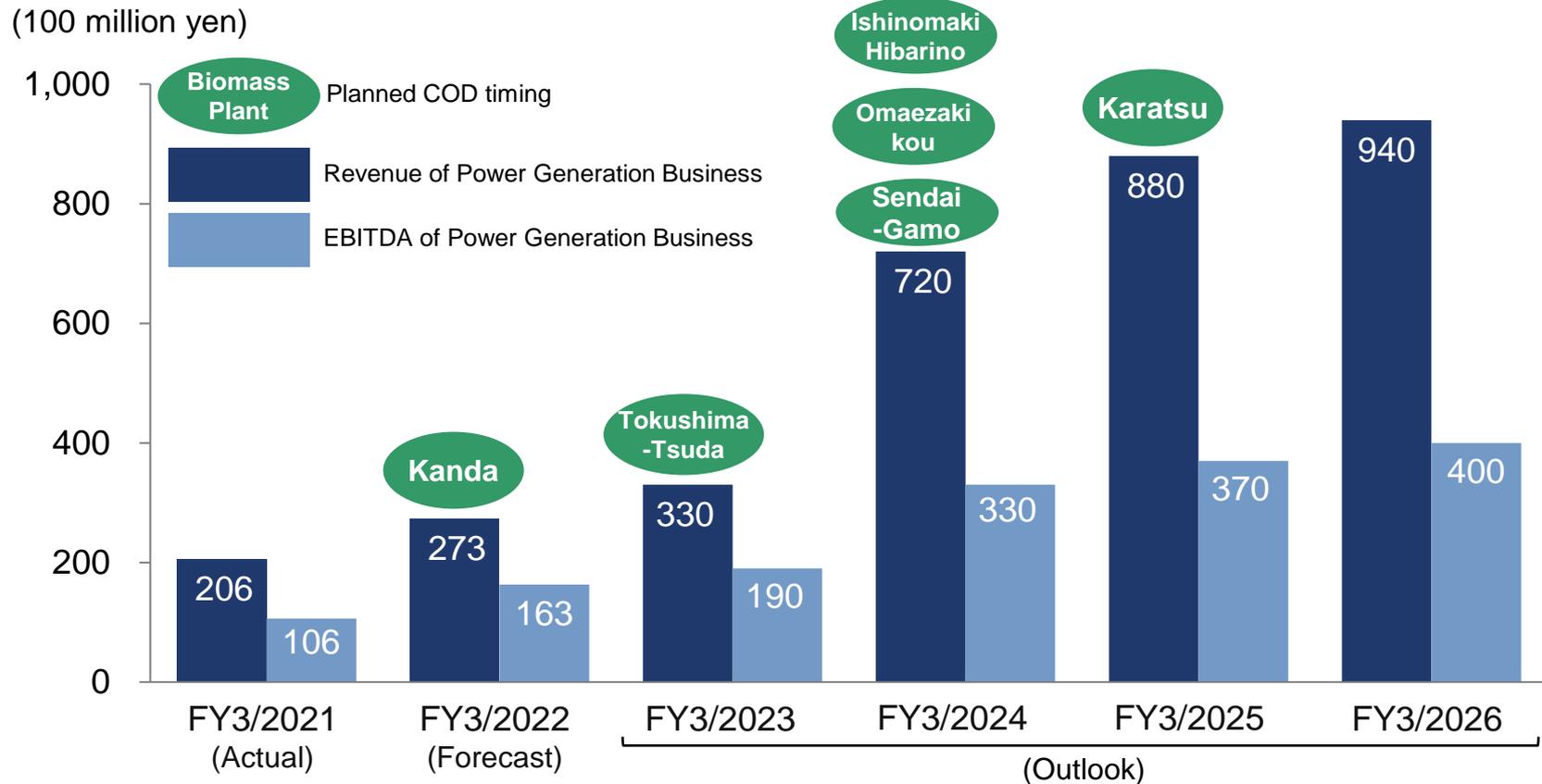
*3 The COD of Kiangan in hydroelectric is not disclosed.

Power Generation Business Segment's Financial Outlook

As of February 2022

- Secure projected growth and establish robust earnings base by commencing operation as planned at biomass projects currently under construction, that enables acceleration of continuous investments for further growth

Revenue and EBITDA Outlook for Power Generation Business ^{*1 *2}



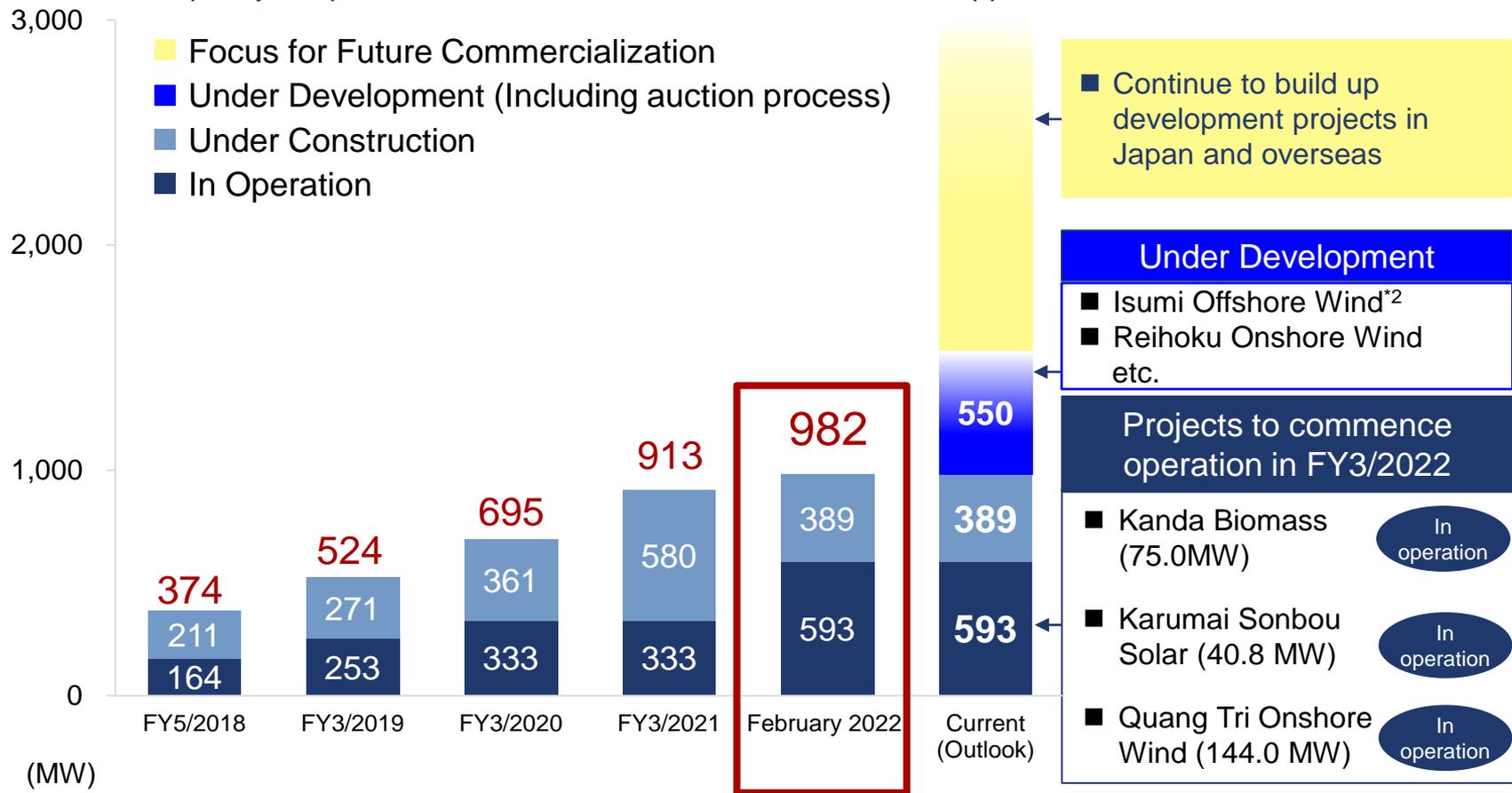
*1 Projects under construction may be altered, delayed or cancelled.

*2 Figures include Hitoyoshi Solar Co., Ltd., Reihoku Onshore Wind Power Co., Ltd., and other projects under construction and development that have been announced. 24

Total Capacity of Projects in Operation and Under Construction*1

As of February 2022 (Unit: MW)

- In June 2021, Kanda Biomass (75.0 MW) commenced operation. In October 2021, Karumai Sonbou (40.8 MW) and Quang Tri Onshore (144.0 MW) commenced operation.
- Construction of Minami-Aso Yunotani geothermal (2.0 MW) started in June 2021. Construction of Karatsu Biomass (49.9 MW) and Kiangan Hydroelectric (17.4 MW) started in August 2021.
- Total capacity in operation and under construction increased to Appx. 1 GW.



*1 Projects under construction may be altered, delayed or cancelled. Projects for which work has commenced in accordance with the EPC contract are shown as "under construction".

*2 Subject to auction process

IV. Appendix (Other Project Information)

RENOVA's Generation Portfolio and Pipeline (1/4)

List of plants in operation, under construction and under development*¹ (As of February 2022)

- Karumai Sonbou Solar (40.8 MW) reached COD in October 2021 and consolidated.
- Construction of Hitoyoshi Solar (20.8 MW) is progressing on schedule.

| Energy Source | Project Name | Location | Power Generating Capacity (MW) | Purchase Price* ² (/kWh) | Current Status | Ownership Interest | COD (Target)* ³ | FIT end Year |
|---------------|-----------------------|----------|--------------------------------|-------------------------------------|--------------------|---------------------|----------------------------|---------------------------|
| Solar | Suigo-Itako | Ibaraki | 15.3 | ¥40 | In operation | 68.0% | 2014 | 2034 |
| | Futtsu | Chiba | 40.4 | ¥40 | In operation | 51.0% | 2014 | 2034 |
| | Kikugawa-Ishiyama | Shizuoka | 9.4 | ¥40 | In operation | 63.0% | 2015 | 2035 |
| | Kikugawa-Horinouchiya | Shizuoka | 7.5 | ¥40 | In operation | 61.0% | 2015 | 2035 |
| | Kokonoe | Oita | 25.4 | ¥40 | In operation | 100% | 2015 | 2035 |
| | Nasushiobara | Tochigi | 26.2 | ¥40 | In operation | 100% | 2015 | 2035 |
| | Ozu | Kumamoto | 19.0 | ¥36 | In operation | 100% | 2016 | 2036 |
| | Yokkaichi | Mie | 21.6 | ¥36 | In operation | 100% | 2019 | 2039 |
| | Nasukarasuyama | Tochigi | 19.2 | ¥36 | In operation | 100% | 2019 | 2039 |
| | Karumai West | Iwate | 48.0 | ¥36 | In operation | 100% | 2019 | 2039 |
| | Karumai East | Iwate | 80.8 | ¥36 | In operation | 100% | 2019 | 2039 |
| | Karumai Sonbou | Iwate | 40.8 | ¥36 | In operation | 55.0% | October 2021 | 2041 |
| | Hitoyoshi | Kumamoto | 20.8 | ¥36 | Under construction | 38.0%* ⁴ | (June 2023) | (Appx 2042)* ⁶ |

*¹ Pipeline projects may be altered, delayed or cancelled. Projects for which work has commenced in accordance with the EPC contract are shown as "under construction".

*² Purchase price is not the actual contractual price agreed with the party that purchases the electricity, but the fixed purchase price (displayed without consumption tax) applied based on the FIT Scheme for each power generation facility.

*³ Expected COD of projects under development may be subject to change.

*⁴ RENOVA holds the right to sequentially acquire all equity (62.0%) in the silent partnership currently owned by co-sponsors..

*⁵ Hitoyoshi Solar is expected to reach COD in the middle of 2023, due to prolonged construction of a power transmission line by Kyushu Electric Power Co. The period of electricity sales under the FIT scheme is expected to be 18 years and 8 months, as a grid connection contract was concluded on August 1, 2016, which resulted in a three-year COD time limit to receive a full 20-year

RENOVA's Generation Portfolio and Pipeline (2/4)

List of plants in operation, under construction and pipeline projects*1 (As of February 2022)

- In August 2021, Karatsu Biomass (49.9 MW) concluded a loan agreement and started construction.
- Total generation capacity for biomass projects in operation and under construction is Appx. 450 MW.

| Energy Source | Project Name | Location | Power Generating Capacity (MW) | Purchase Price*2 (/kWh) | Current Status | Ownership Interest | COD (Target)*3 | FIT end Year |
|---------------|---------------------|-----------|--------------------------------|-------------------------|--------------------|--------------------|----------------|--------------|
| Biomass | Akita (URE) | Akita | 20.5 | ¥32/¥24 | In operation | 35.3%*4 | 2016 | 2036 |
| | Kanda | Fukuoka | 75.0 | ¥24/¥32 | In operation | 53.1% | June 2021 | 2041 |
| | Tokushima-Tsuda | Tokushima | 74.8 | ¥24/¥32 | Under construction | 70.4%*5 | (March 2023) | (Appx. 2043) |
| | Omazakikou | Shizuoka | 75.0 | ¥24/¥32 | Under construction | 57.0%*6*7 | (July 2023) | (Appx. 2043) |
| | Ishinomaki Hibarino | Miyagi | 75.0 | ¥24/¥32 | Under construction | 49.9%*8*9 | (May 2023) | (Appx. 2043) |
| | Sendai-Gamo | Miyagi | 75.0 | ¥24/¥32 | Under construction | 29.0%*10 | (Nov. 2023) | (Appx. 2043) |
| | Karatsu | Saga | 49.9 | ¥24 | Under construction | 35.0%*11 | (Dec. 2024) | (Appx. 2044) |

*1 Pipeline projects may be altered, delayed or cancelled. Projects for which work has commenced in accordance with the EPC contract are shown as "under construction".

*2 Purchase price is not the actual contractual price agreed with the party that purchases the electricity, but the fixed purchase price (displayed without consumption tax) applied based on the FIT Scheme for each power generation facility.

*3 Expected COD of projects under development may be subject to change.

*4 RENOVA has invested in the Akita Biomass Project through Sensyu Holdings Co., Ltd., a subsidiary of RENOVA. RENOVA's ownership interest in the Akita Biomass Project, calculated as the product of RENOVA's ownership interest in Sensyu Holdings Co., Ltd., and Sensyu Holdings Co., Ltd.'s ownership in the Akita Biomass Project, resulting in 35.3%.

*5 The figure indicates RENOVA's economic interest in the project. RENOVA's investment ratio is 60.8%

*6 The figure indicates RENOVA's economic interest in the project. RENOVA's investment ratio is 38.0%.

*7 RENOVA holds the right to additionally acquire a 18.0% stake (economic interest: 18.0%) at COD from co-sponsors. Following the acquisition, RENOVA's economic interest in the project will be 75.0% (RENOVA's investment ratio will be 56.0%).

*8 The figure indicates RENOVA's economic interest in the project. RENOVA's investment ratio is 38.0%.

*9 RENOVA holds the right to additionally acquire a 13.0% stake (economic interest: 13.0%) at COD from a co-sponsor. Following the acquisition, RENOVA's economic interest in the project will be 62.93% (RENOVA's investment ratio will be 51.0%).

*10 RENOVA holds the right to additionally acquire a total 31.0% stake at COD from co-sponsors. Following the acquisition, RENOVA's investment ratio in the project will be 60.0%.

*11 RENOVA holds the right to additionally acquire a total 16.0% stake at COD from co-sponsors. Following the acquisition, RENOVA's investment ratio in the project will be 51.0%.

RENOVA's Generation Portfolio and Pipeline (3/4)

List of plants in operation, under construction and pipeline projects*1 (As of February 2022)

- Quang Tri Wind (144.0 MW) started operation in October 2021.
- The Japanese Government published and made available for public inspection a draft of the EIA for the offshore wind projects at Karatsu (January 2022) and Isumi (February 2022). All development costs related to projects subject to offshore tender offer processes are expensed.

| Energy Source | Project Name | Location | Power Generating Capacity (MW) | Purchase Price*3 (/kWh) | Current Status | Ownership Interest | EIA | COD (Target)*4 | FIT end Year |
|---------------|--------------|-----------|--------------------------------|-------------------------|------------------------------------|--------------------|--------------------------------------|----------------|--------------|
| Offshore Wind | Isumi*5 | Chiba | Appx. [350-450] | TBD | Upfront Investment (Public tender) | - | Document in Process | TBD | - |
| | Karatsu*5 | Saga | Feasibility Study | TBD | Upfront Investment (Public tender) | - | Document in Process | TBD | - |
| Onshore Wind | Abukuma*6 | Fukushima | Appx. 150 | ¥22 | In Progress | Less than 10% | Complete | TBD | - |
| | Reihoku | Kumamoto | Appx. 50 | ¥21 | EIA ongoing | - | Determination of Evaluation document | (Appx. 2024) | (Appx. 2044) |
| | Quang Tri*6 | Vietnam | 144.0 | \$8.5 cent | In operation | 40.0% | | October 2021 | 2041 |

*1 Pipeline projects may be altered, delayed or cancelled. Projects for which work has commenced in accordance with the EPC contract are shown as "under construction".

*2 The Auction Process under the Offshore Wind Promotion Law (law on Promotion of Use of Territorial Waters for Offshore Renewable Energy Generation Facilities (December 7, 2018)).

*3 Purchase price is not the actual contractual price agreed to with the party that purchases the electricity, but the fixed purchase price (displayed without consumption tax) applied based on the FIT Scheme for each power generation facility.

*4 Expected COD of projects under development may be subject to change.

*5 Power generation capacity and COD target will be disclosed at a later time when there is further visibility.

*6 RENOVA is participating in the project as a minority investor.

RENOVA's Generation Portfolio and Pipeline (4/4)

List of plants in operation, under construction and pipeline projects*1 (As of February 2022)

- Minami-Aso Yunotani Geothermal (2.0MW) began construction in June 2021.
- Kiangan Hydroelectric (17.4 MW) began construction in August 2021.

| Energy Source | Project Name | Location | Power Generating Capacity (MW) | Purchase Price*2 (/kWh) | Current Status | Ownership Interest | EIA Status | COD (Target)*3 | FIT end Year |
|---------------|-----------------------|------------|--------------------------------|-------------------------|--------------------|--------------------|------------|-----------------|--------------|
| Geothermal | Minami-Aso Yunotani*4 | Kumamoto | 2.0 MW | ¥40 | Under construction | 30.0% | - | (December 2022) | - |
| | Hakodate Esan | Hokkaido | TBD | TBD | Upfront investment | - | - | TBD | - |
| Hydroelectric | Kiangan | Philippine | 17.4*5 | 5.87 PHP*6*7 | Under construction | 40.0% | - | TBD | - |

*1 Pipeline projects may be altered, delayed or cancelled. Projects for which work has commenced in accordance with the EPC contract are shown as “under construction”.

*2 Purchase price is not the actual contractual price agreed with the party that purchases the electricity, but the fixed purchase price (displayed without consumption tax) applied based on the FIT Scheme for each power generation facility.

*3 Expected COD of projects under development may be subject to change.

*4 RENOVA is participating in the project as a minority investor.

*5 Licensed

*6 The FIT Price represents the figure on the assumption that operation will commence before FIT capacity is fulfilled

*7 This value is calculated by conversion at the exchange rate of 2 yen per PHP.

(Reference) FIT Purchase Price Overview in Japan^{*1}

As of December 2021

- All of RENOVA's renewable power plants in operation and under construction have received FIT certification.
- Publicly disclosed projects under development have received FIT or similar certification.
 - The Reihoku Onshore Wind Project has received FIT certification for 21 yen/kWh.
 - FIT Price for offshore wind projects will be decided through an auction process, as per the Offshore Wind Act^{*2}.

Current FIT price as of FY 2021

FIT Price of RENOVA's Projects

| Renewable power generation facility categories, etc. | | Purchase price ^{*3} by time of entry ^{*4} (per kWh) (tax excluded) | | | | | | | | | | | FIT Duration | |
|--|---|--|---------|---------|-----------------------------------|-----------------------------------|----------------|---------|---------|----------------|---------|---------|--------------|----------|
| Type | Type or size | FY2012 | FY 2013 | FY 2014 | FY 2015 | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | | FY 2023 |
| Solar PV | 2,000 kW or more | ¥40 | ¥36 | ¥32 | ¥29 (End of June) ¥27 (July -) | ¥24 | bidding system | | | | | | - | 20 years |
| | Timber from forest thinning ^{*5} 2,000 kW or more | ¥32 | | | | | | | | | | | - | 20 years |
| Biomass | General wood, etc. ^{*5} 10,000 kW or more ^{*6} | ¥24 | | | | ¥24 (End of Sep.) ¥21 (Oct. -) | bidding system | | | | | | - | 20 years |
| | Onshore 20 kW or more | ¥22 | | | | ¥22 (End of Sep.) ¥21 (Oct. -) | ¥20 | ¥19 | ¥18 | bidding system | | | | 20 years |
| Wind | Offshore (Implantation type) | - | ¥36 | | | | bidding system | | | | | | 20 years | |
| | Offshore (floating type) | - | ¥36 | | | | | | | | | | | 20 years |
| Geothermal | 15,000 kW or more | ¥26 | | | | | | | | | | | 15 years | |
| | Less than 15,000 kW | ¥40 | | | | | | | | | | | 15 years | |

*1 Prepared by RENOVA based on the websites of the Ministry of Economy, Trade and Industry and the Agency for Natural Resources and Energy (As of April 28, 2021), etc.

*2 Act of Promoting Utilization of Sea Areas in Development of Power Generation Facilities Using Maritime Renewable Energy Resources (promulgated on December 7, 2018)

*3 The feed-in price indicates a fixed feed-in price (consumption tax representation) applied over the period of purchase of renewable energy plants that meet the requirements based on FIT in each fiscal year.

*4 The display year shall mean the period between April and March of the following year.

*5 The purchase price of biomass is as follows: "Timber from forest thinning" = domestic timber residue & forest thinning; "General wood, etc." = wood, imported materials, palm shells, husks, rice straw, etc.

*6 Biomass power generation size category (General wood, etc.): 20,000 kW or more until FY 2017, and 10,000 kW or more from FY 2018.

(Reference) Corporate Overview

As of December 31, 2021

Corporate Information

| | |
|--------------------------|--|
| Name: | RENOVA, Inc. |
| Location of Head Office | 2-2-1 Kyobashi Chuo-ku, Tokyo |
| Representatives | Sachio Semmoto, Executive Chairman & Director Yosuke Kiminami, Founding CEO |
| Established | May 2000 |
| Capital Stock | 2,313 million yen |
| Stock Exchange | First section of Tokyo Stock Exchange |
| Securities code | 9519 |
| Business | Renewable energy business |
| Employees (consolidated) | 291 |

Corporate Governance

| | |
|---------------------------|---|
| Board of Directors | 9 directors, including 5 external directors |
| Audit & Supervisory Board | 4 auditors, including 3 external auditors |

Status of Shares (as of September 30, 2021)

| | |
|-----------------------------------|-------------|
| Total Number of Authorized Shares | 280,800,000 |
| Total Number of Shares Issued | 78,549,200 |
| Number of Shareholders | 15,379 |

Key History

| | |
|----------------|---|
| May 2000 | Established Recycle One, Inc. (currently RENOVA, Inc.) |
| October 2012 | Entered renewable energy business |
| February 2014 | COD for Suigo-Itako Solar Co., Ltd. |
| July 2014 | COD for Futtsu Solar Co., Ltd. |
| February 2015 | COD for Kikugawa-Ishiyama Solar Co., Ltd. and Kikugawa-Horinouchiya Solar Co., Ltd. |
| May 2015 | COD for Kokonoe Solar GK |
| September 2015 | COD for Nasushiobara Solar GK |
| April 2016 | COD for Ozu Solar GK |
| February 2017 | Listed on the Tokyo Stock Exchange Mothers Section |
| July 2017 | Consolidated United Renewable Energy Co., Ltd. |
| February 2018 | Changed listing venue to the First Section of the Tokyo Stock Exchange |
| March 2019 | COD for Yokkaichi Solar GK |
| May 2019 | COD for Nasukarasuyama Solar GK |
| July 2019 | COD for Karumai West Solar GK |
| December 2019 | COD for Karumai East Solar GK |
| June 2021 | COD for Kanda Biomass Energy Co., Ltd. |
| October 2021 | COD for Karumai Sonbou Solar GK |
| October 2021 | COD for Quang Tri Onshore Wind |