

## **Financial Highlights**

For the Third Quarter of FY2023 Ended September 30th, 2023



## **Major Event of this Quarter**

## Joint Investment with "Tokyu Land Corporation"



# Joint investment agreement to accelerate overseas business development



Renewable Japan Co., Ltd.



**Tokyu Land Corporation** 

## **Objective:**

Development and acquisition of



in power plants in **3** years.

## **Current State of the Business in Spain**



# Inquiry received totaling over 2GW with many pipelines available



#### **Original Plan of the Circular Business Model**



## Development, operation and sale of power plants



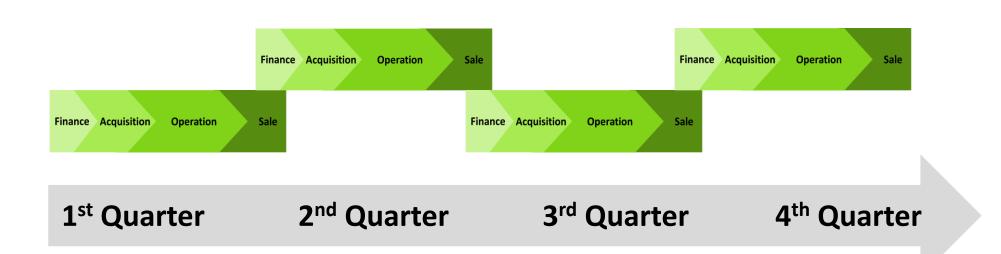
## **Shift from the Original Plan**



#### From FY2024 we will accelerate the Flow business model



## Higher frequency may increase flow revenue significantly



## Joint Investment with Tokyu Land Corporation



## Based on limiting the use of the balance sheet



RJ EURODEVELOPMENT, S.L.

(Spanish subsidiary)

#### Stock Business:

Dividend income and **Asset Management fees** 

#### **Flow Business:**

**Development and** acquisition fees

> **Joint** Investment





Solar Power **Plants** 

## Our Investment Agreement Gained Media Attention



October 12<sup>th</sup>, 2023. Renewable energy market information "Renewables Now" news webpage.

Now



## Japanese duo targeting 1 GW of renewables in Spain, Italy

Japanese real estate developer and investor Tokyu Land Co and compatriot Renewable Japan Co (TYO:9522) have joined forces to develop and install 1 GW of renewable power plants across southern Europe, mainly in Spain and Italy.

The partners have sealed a joint investment agreement that will see them realise its plan over the next few years, they said on Wednesday. The real estate group will provide its comprehensive Credit: RWE.

development experience, while its partitioning its expertise in the development projects in the Spain market.

The projects will be initially develo subsidiary RJ Development SL. Loc

As a start, Tokyu Land and Renewa photovoltaic (PV) park in Spain's C municipality of Manzanares, Ciuda



Las Vaguadas solar project in Spain

Un consorcio japones compra 39.9MW fotovoltaicos en España y planea 1GW en el sur de Europa



Tokyu Land and Renewable Japan buy Spanish solar project, target 1GW of European renewables



October 13<sup>th</sup>, 2023. Renewable energy industry magazine "PV Tech", news webpage.

October 11<sup>th</sup>, 2023. Renewable energy news website "PV Magazine" (Spanish version).



October 11<sup>th</sup>, 2023. Japanese newspaper "Nikkei", morning edition, front page.

From next year, we will further develop our business in Spain

#### **Solar Power Market Size in Spain**



# **Government target for 2030**



(The previous target of 39GW is in process to be increased)

The market grew

**8 times** its size in 10 years

2020 9 GW 1.3 trillion JPY\* 2030

11.4 trillion JPY\*

2030 39GW

**5.4** trillion JPY\*

Major expansion of the solar power market

\*1MW = 150 million JPY

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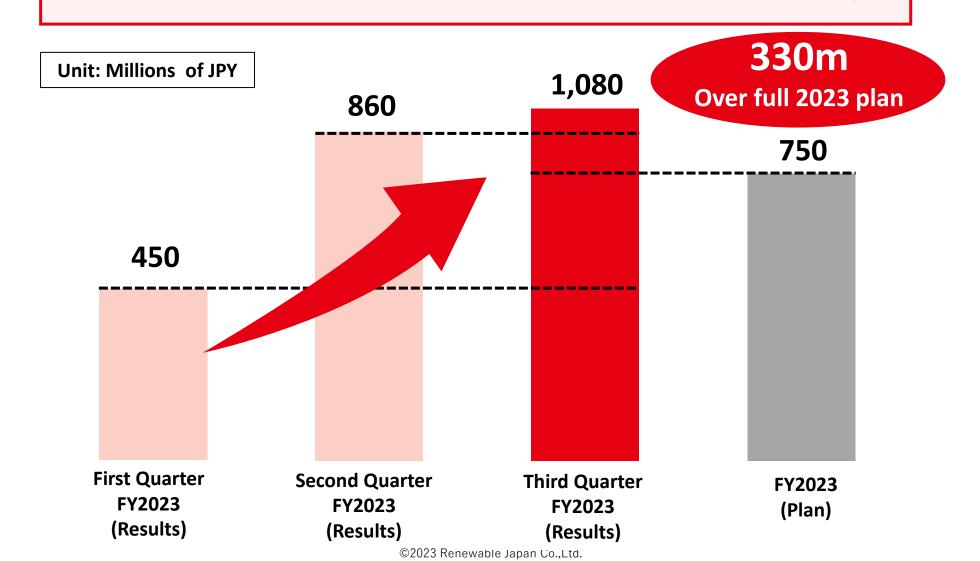
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Financial Highlights for the Third Quarter of FY 2023

### **Accumulated Net Profit for the Third Quarter of FY2023**



## Net profit already surpassed 45% over the year budget

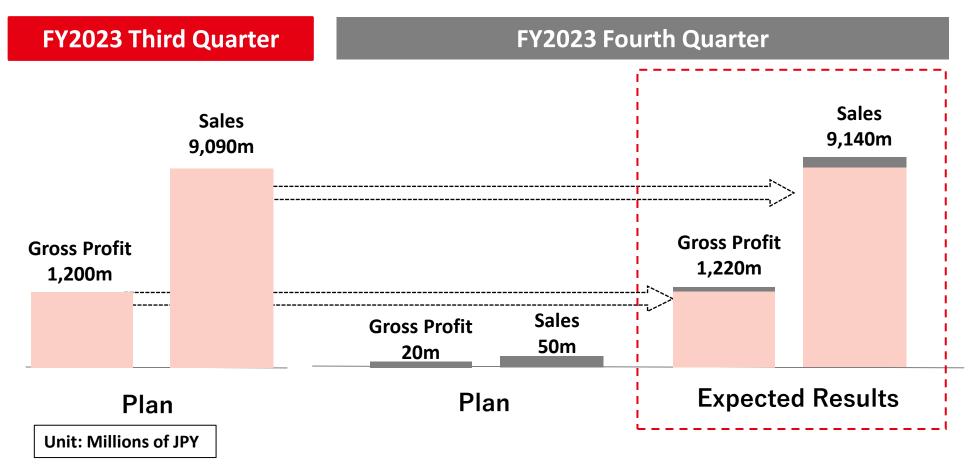


#### Reason for Performance Difference Compared to Plan



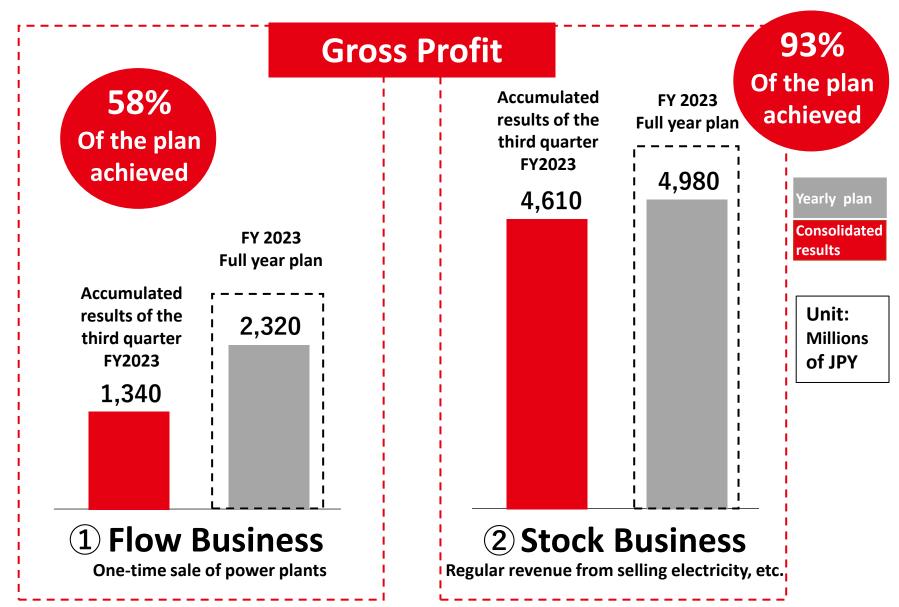
## Delay in the sale of power plants to private funds

Plan vs. Results for Flow Business



#### **Progress of Gross Profit**





## **1**Flow Revenue



If power plant sales to private funds are achieved



If Fourth Quarter financial plan is achieved

(Sales)

Against FY2023 plan, 103% Estimated amount 10,600m

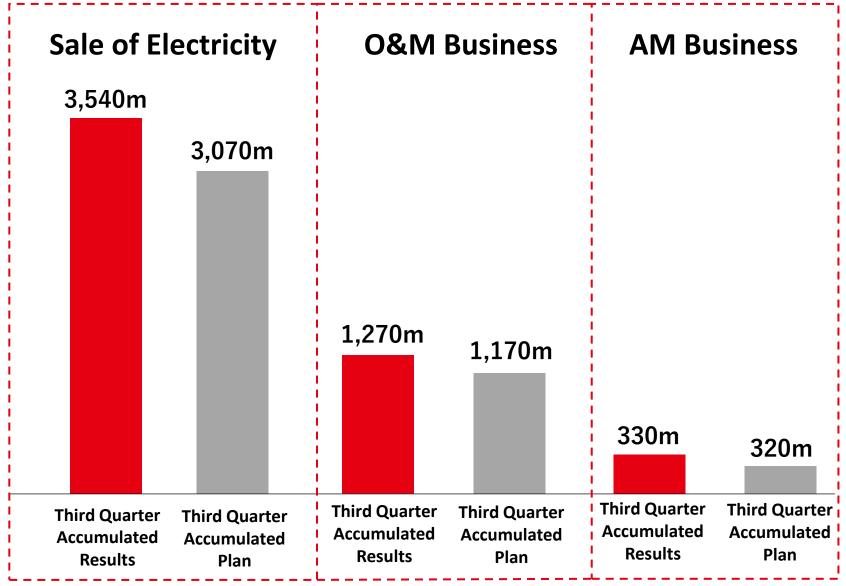
(Gross Profit)
Against FY2023 plan, 110%
Estimated amount 2,560m

\* Detailed explanation in page 47

## 2

#### Flow Business Third Quarter Cumulative Gross Profit





<sup>\*</sup> Detailed explanation in page 48

## **Consolidated PL vs Plan for the Third Quarter of FY2023**



Unit: Millions of JPY (rounded down to the first unit)	FY2023 Third Quarter Consolidated Plan	FY2023 Third Quarter Consolidated Results	Difference with Plan
Sales	22,820	14,460	(8,360)
<b>Gross Profit</b>	6,380	5,960	(410)
SG&A	2,980	3,130	+150
<b>Operating Profit</b>	3,390	2,820	(570)
<b>Ordinary Profit</b>	1,920	1,880	(40)
EBITDA	9,800	9,630	(170)
Net Profit	1,180	1,080	(100)

## Update on the Five Revenue Sources and KPIs of Mid-term Management Plan

## **Progress of Five Revenue Sources for Stock-type Business**



**December 31st** , 2022

September 30th, 2023

PV Capacity in O&M business (RJ and third parties)

1. Contract volume (O&M)



1,306.5 MW



1,655.2 MW

\*Verification/Patrolling/Reporting,etc. of power plants operation

4 power sources

December 31st ,2022

September 30th, 2023

Power plants owned by RJ in operation (Net share)

2. Plants owned within Japan (High –FIT)



325.6 MW



362.1 MW

3. Plants owned overseas



Power plants owned by RJ in operation (Net share)

29.6 MW



49.1 MW

4. Wind



Further development is projected

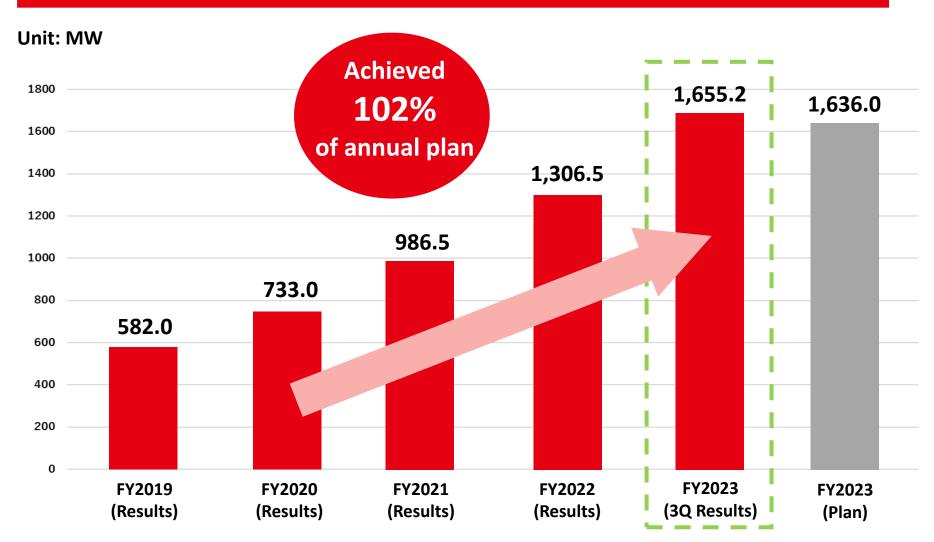
5. Non-FIT



Strengthen development of Non-FIT for expected market growth

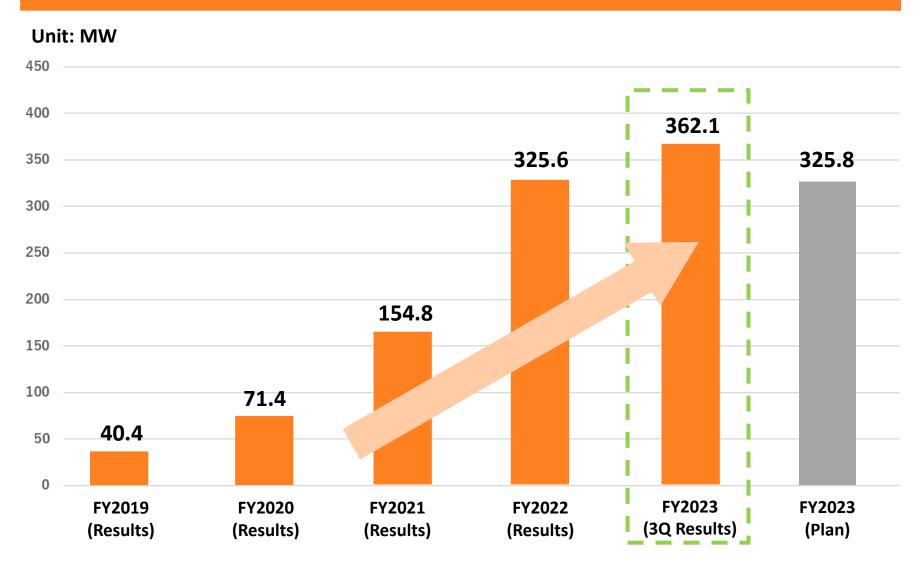


## The full-year plan was surpassed by the end of the 3Q





## Plants are expected to be sold to private funds as planned





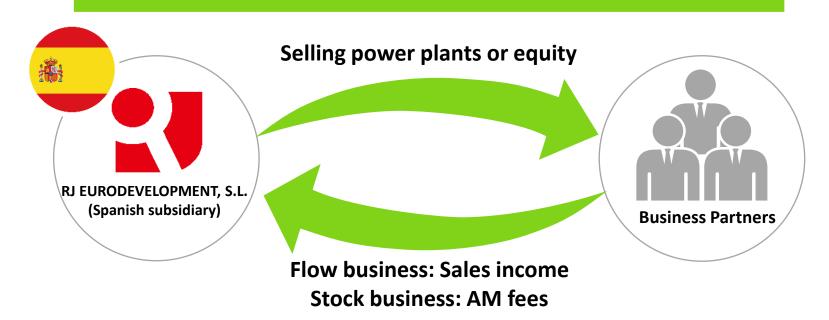
## Overseas projects will implement a circular model

Investing jointly with business partners



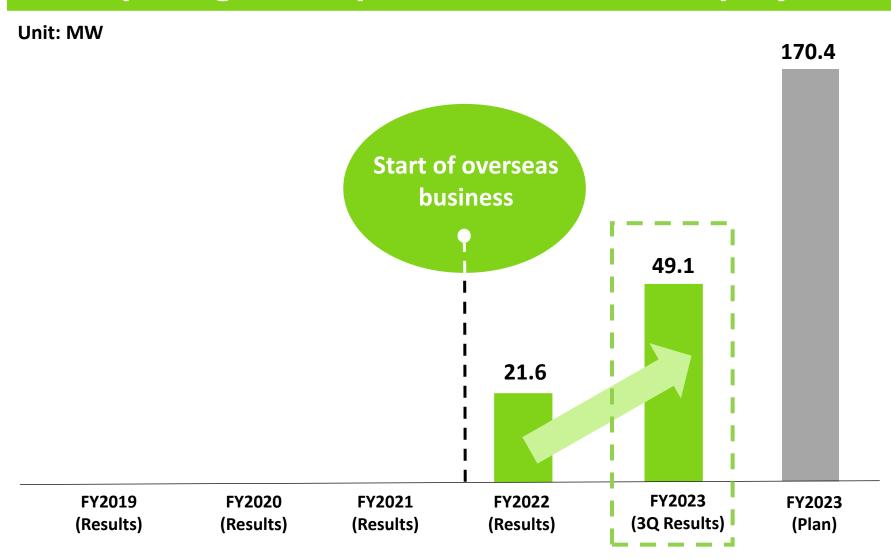
Setting up private funds

## Less constrain on the balance sheet





## Preparing for acquisition of overseas projects













EBITDA FY2025

15.0 b<sub>JPY</sub>

FY2024: 12.5 b FY2023: 11.7 b Mid-Term Management Plan



Controlling

**Total Assets** 

at 170 b JPY

until FY2025

Net Profit

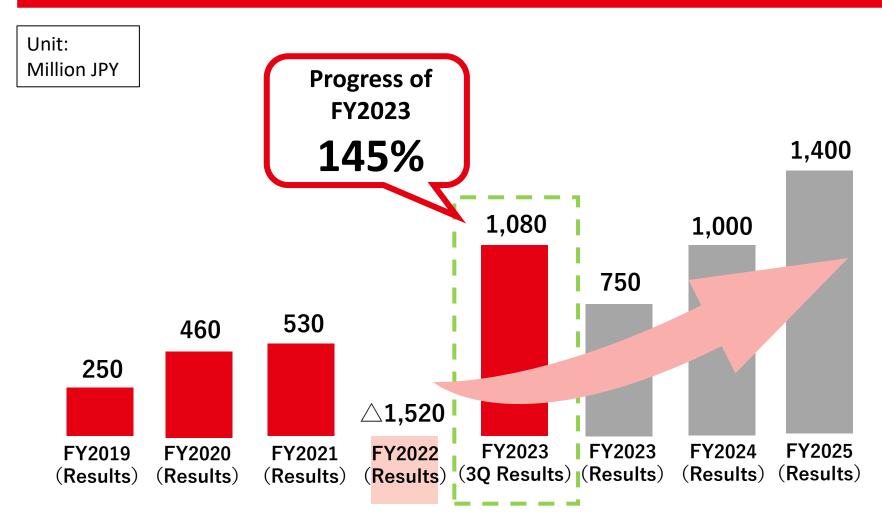
1.4 b JPY

FY2024: 1.0 b FY2023: 0.7 b

## **KPIs of Mid-Term Management Plan**



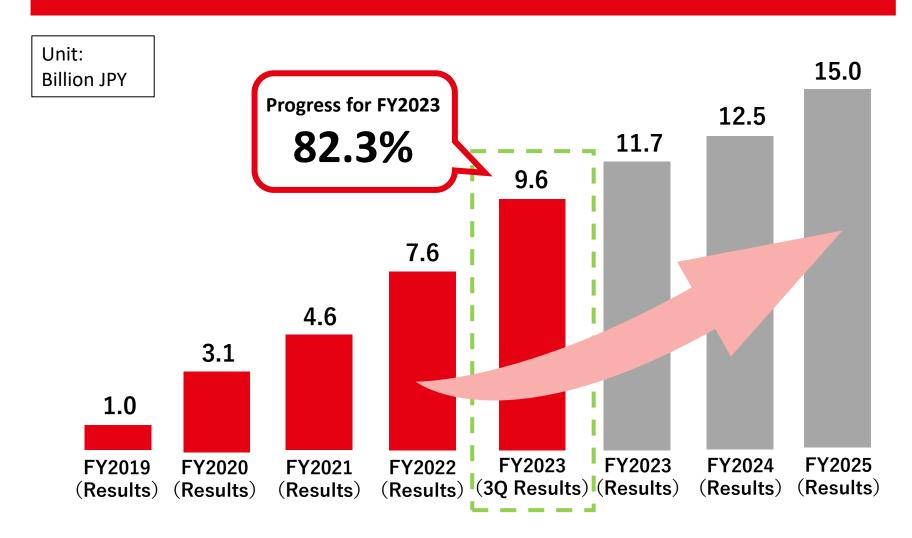
## Net Profit 1.4b JPY for FY2025



## **KPIs of Mid-Term Management Plan**



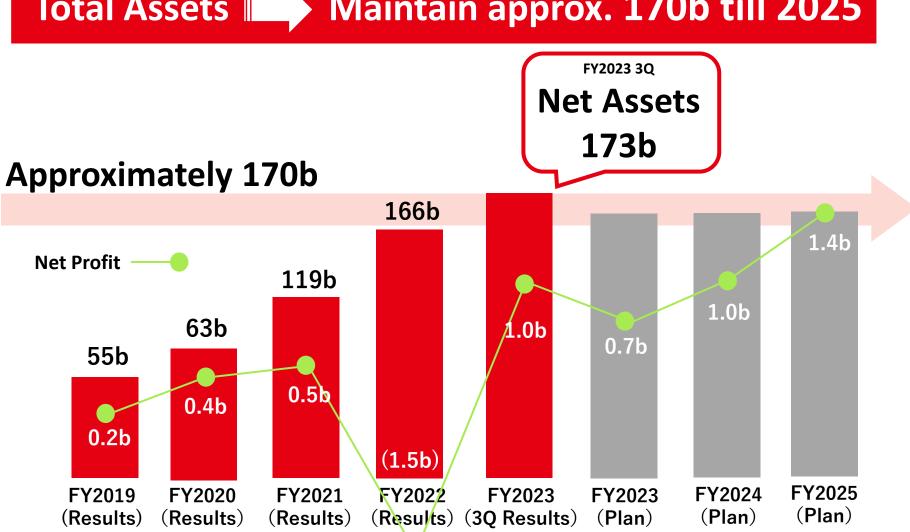
## EBITDA 15b JPY for FY 2025



## **KPIs of Mid-Term Management Plan**



## Total Assets Maintain approx. 170b till 2025



3

## Forecast for the Rest of the Year

## Two Possible Variables of Performance



1 Changes in revenue from sale of power plants

(Flow)

Variability is inherent to this type of business





2 Changes in revenue from electricity sales (Stock)

Weather (heavy snow, etc.)









# Focusing on the sale of power plants to private funds as initially planned



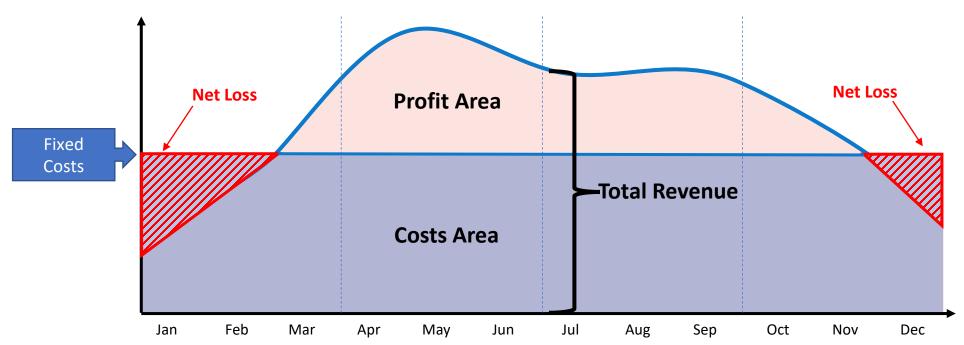
## **Nature of Electricity Sales Business**



#### Electricity sales revenue fluctuates due to seasonal effects

(Power plants in Tohoku and Hokkaido regions are affected by heavy snowfall during winter)

#### Diagram of Electricity Sales Revenue



	1 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter
Profitability	•	11	1	•

4

## **Major Events of the Third Quarter of 2023**

## **Newly Acquired Power Plants**







Name	Manzanares Solar Power Plant	Kinanos Solar Power Plant
Location	Ciudad Real Province	Murcia Province
Net Capacity	13.9MW	5.4MW
Commercial Operations	Jun. 2023	Feb. 2022
RJ Share Ratio	35%	100%
Acquisition	Sep. 2023	Aug. 2023

## **Power Plants in Spain**



#### Acquired in Dec. 2022

#### **Torrijos Solar Power Plant**

Location	Toledo Province
Net Capacity	7.9MW
Commercial Operation	Jun. 2020
RJ Share Ration	100%



Cartagena

## New!

Acquired in Sep. 2023

#### **Manzanares Solar Power Plant**

Location	Ciudad Real Province
Net Capacity	13.9
Commercial Operation	Jun. 2023
RJ Share Ration	35%





Kinanos Solar Power Plant

Location	Murcia Province
Net Capacity	5.4MW
Commercial Operation	Feb. 2022
RJ Share Ration	100%

**ANDALUSÍA** 

## 5

## **How do you Evaluate our Progress**

## How to track our progress



#### Three indicators to watch



**Electricity Sales Progress** 

**Monthly Disclosure** 

Electricity sales in Japan compared to Plan



**Development and Acquisition Progress** 

Disclosure of quarterly financial results

Domestic and international power plant development, acquisitions and sales



**Progress in O&M Business** 

★ Power plant management

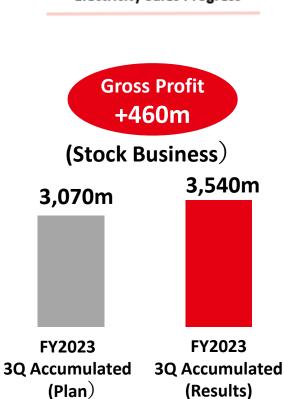
Disclosure of quarterly financial results

**O&M Management Order Capacity Status** 

#### **Summary of Accumulated Results for FY2023 Third Quarter**



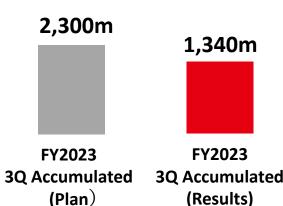






**Development and Acquisition Progress** 



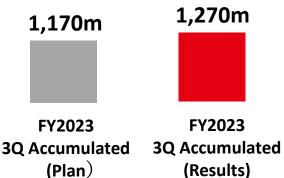




Progress in O&M Business

Ordered Capacity 350MW Increase<sup>4</sup>

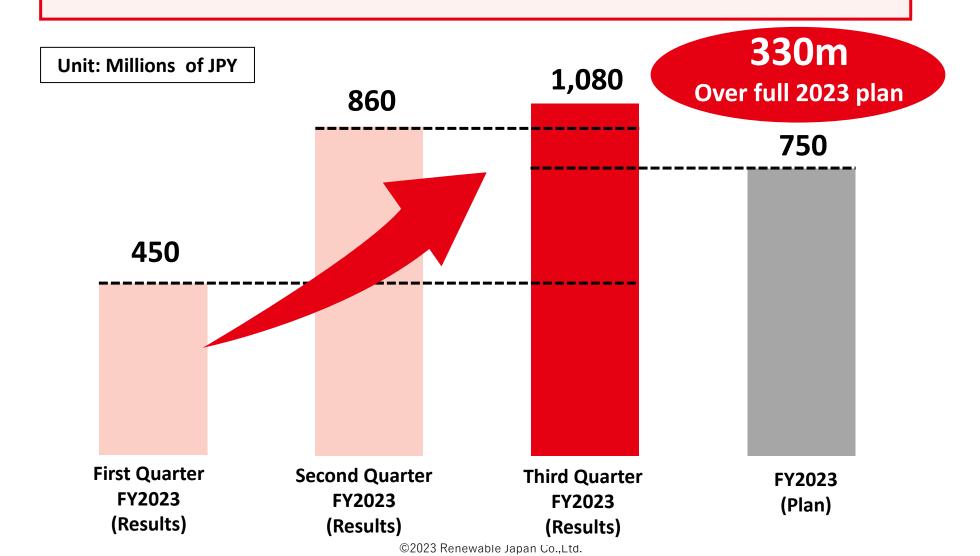




#### **Accumulated Net Profit for the Third Quarter of FY2023**



## Net profit already surpassed 45% over the year budget



#### **Progress for the Fourth Quarter of FY2023**





- In Japan: Selling assets to private funds as planned
- Overseas: Preparation for acquiring projects for next fiscal year

### **Progress for O&M Business**





## **Continue efforts to win project orders**

#### Joint Investment with "Tokyu Land Corporation"



# Joint investment agreement to accelerate overseas business development



Renewable Japan Co., Ltd.



**Tokyu Land Corporation** 

## **Objective:**

Development and acquisition of



in power plants in **3** years.



#### **Business Diversification of RJ**

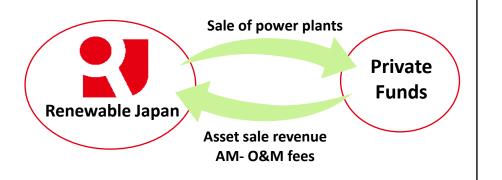


From 2012 until nowadays

1<sup>st</sup> Stage

## Circular Model (Asset management Model)

Focused on selling power plants and acquiring AM and O&M fees



From 2020 until nowadays

2<sup>nd</sup> Stage **Company ownership of plants** 

Expand the number of plants owned by RJ and acquire revenue from the sale of electricity



Sale of Electricity



Power Company

From 2022 until nowadays

3<sup>rd</sup> Stage **Overseas** 



**New Markets** 

**Non-FIT** 



**Other Sources** 



#### From Development to Power Production/Operation



#### RJ is a developer (Producer) of renewable energy



#### $\sim$ All processes are conducted in one stop $\sim$

Development / technology

**Finance** 

Power production / operation

- Civil engineering
- EPC



Fund formation



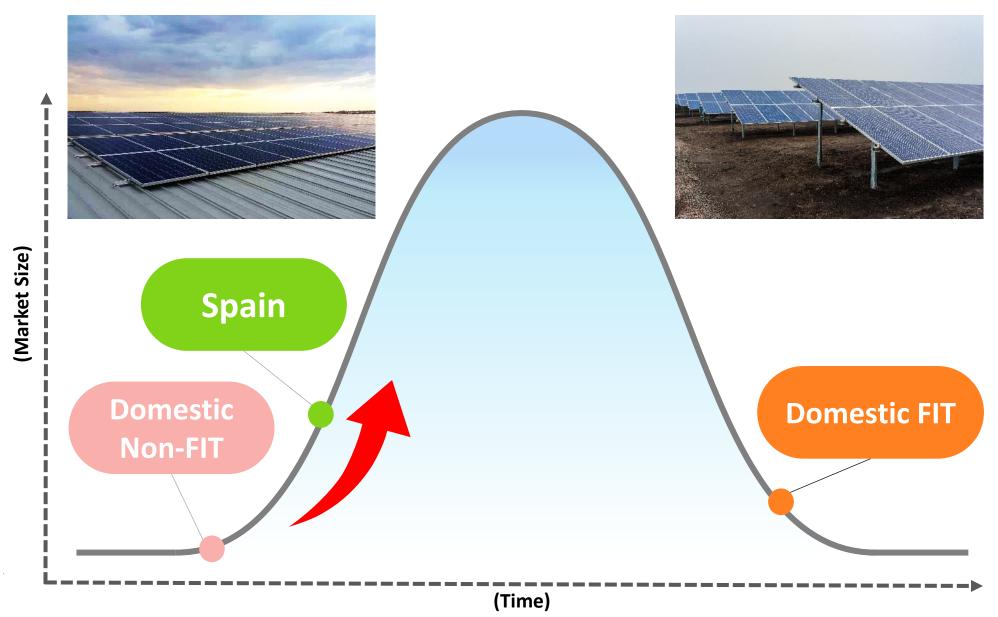
- AM
- · 0&M



- \*EPC · · · Engineering/Procurement/Construction
- \*O&M · · · Verification/Patrolling/Reporting, etc. of power plants operation
- \*AM · · · Management and operation of power plants /Balance control/ Settlement of accounts / tax-related business /Reporting/Paperwork, etc.

#### **Solar Power Plant Market Growth Curve**

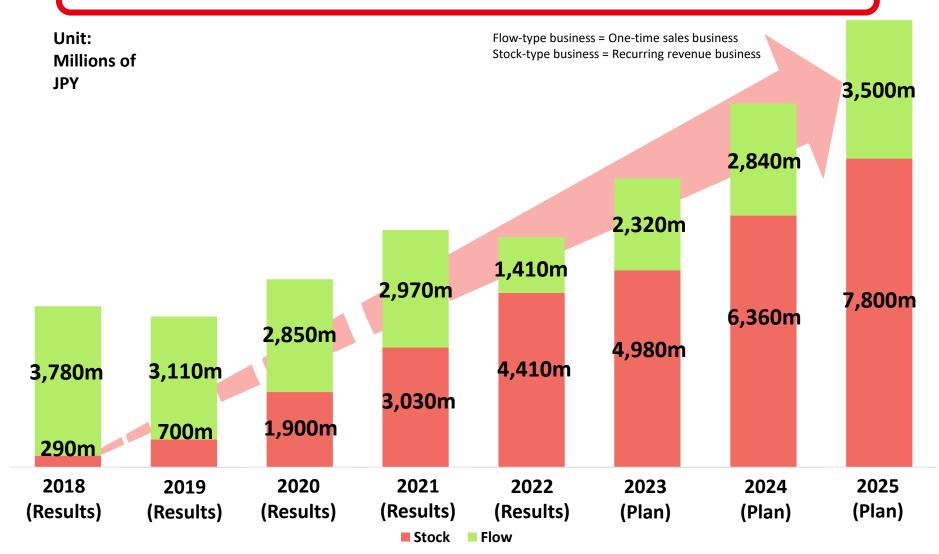




#### **Changes in Gross Profit (by Flow & Stock)**



## Steady growth in stock-type gross profit



#### 1 Revenue for Flow Business



#### Flow Revenue Plan vs. Actual Results

Unit: Millions of JPY (Rounded down to the first unit)	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		FY 2023 Plan	
	Plan	Results	Plan	Results	Plan	Results	Plan	Results	Plan	Results + Plan*
Sales	-	1,440	1,100	0	9,090	10	50	-	10,240	10,600
Gross Profit	-	1,330	1,100	0	1,200	0	20	-	2,320	2,560

<sup>\*</sup>Accumulated results for the third quarter + planned amount for the fourth quarter

If power plant sales to private funds are achieved



**If Fourth Quarter** financial plan is achieved

(Sales) 103% Estimated amount 10.6b

**Gross Profit** Against FY2023 plan Against FY2023 plan 110% **Estimated amount** 2.5b

## **2** Stock Business Gross Profit



## Stock Business Plan vs. Actual Results

Unit: Millions of JPY	First Q	uarter	Second	Quarter	Third Quarter		Fourth (	Quarter	FY 202	3 Plan
(Rounded down to the first unit)	Plan	Results	Plan	Results	Plan	Results	Plan	Results	Plan	Results + Plan*
Power Production	90	290	1,580	1,510	1,390	1,730	520	-	3,600	4,060
O&M Business	300	370	430	430	430	460	440	-	1,610	1,720
AM Business	100	110	100	120	100	130	90	-	420	420
Intercompany elimination	(160)	(170)	(160)	(180)	(160)	(220)	(160)	-	(660)	(700)
Total	340	610	1,960	1,890	1,770	2,110	890	-	4,980	5,510

<sup>\*</sup>Accumulated results for the third quarter + planned amount for the fourth quarter

If Fourth Quarter financial plan is achieved

Gross Profit
Against FY2023 plan
111%

Estimated amount 5.5b

#### ①Capacity of Orders Managed (O&M)



#### **O&M** Business

Unit: Millions of JPY	Fi	rst Quart	er	Second Quarter			Th	ird Quart	ter	Accumulated Results the Third Quarter		
(Rounded down to the first unit)	Plan	Results	Difference	Plan	Results	Difference	Plan	Results	Difference	Plan	Results	Difference
Sales	551	484	(66)	642	548	(93)	663	607	(56)	1,857	1,640	(216)
Cost of sales	241	106	(134)	208	113	(95)	232	143	(88)	682	363	(319)
Gross Profit	309	377	+68	433	434	+1	431	463	+32	1,174	1,276	+102
Gross Margin	56.2%	78.0%	+21.8%	67.5%	79.3%	+11.8%	65.0%	76.4%	+11.4%	63.2%	77.8%	+14.6%

FY2023 Gross Profit Annual Plan

1,619

2023
Gross Profit
Progress
78.9%



#### **Domestic electricity Sales**

Unit: Millions of JPY	, Fi	rst Quart	er	Second Quarter			Th	ird Quart	er		Accumulated Results fo the Third Quarter		
(Rounded down to the first unit)	Plan	Results	Difference	Plan	Results	Difference	Plan	Results	Difference	Plan	Results	Difference	
Sales	2,377	2,716	+338	4,093	4,151	+57	3,589	4,307	+718	10,060	11,175	+1,114	
Cost of sales	2,336	2,470	+133	2,673	2,718	+45	2,524	2,670	+145	7,534	7,858	+323	
Gross Profit	40	246	+205	1,420	1,433	+12	1,064	1,637	+572	2,525	3,316	+791	
Gross Margin	1.7%	9.1%	+7.4%	34.7%	34.5%	(0.2%)	29.7%	38.0%	+8.3%	25.1%	29.7%	+4.6%	

FY2023 Gross Profit Annual Plan

2,597

2023
Gross Profit
Progress
127.7%

#### **3** Overseas Power Plants



#### **Electricity Sales**

Unit:Millions of JPY (Rounded down to the first unit)	Fi	rst Quart	er	Second Quarter Third Quarter			Accumulated Results for the Third Quarter					
	Plan	Results	Difference	Plan	Results	Difference	Plan	Results	Difference	Plan	Results	Difference
Sales	106	99	(7)	276	141	(135)	510	151	(358)	893	392	(501)
Cost of sales	54	51	(2)	107	56	(51)	177	57	(120)	339	165	(174)
Gross Profit	52	47	(4)	169	84	(84)	332	94	(238)	554	227	(326)
Gross Margin	48.9%	48.0%	(0.9%)	61.1%	60.0%	(1.1%)	65.2%	62.3%	(2.8%)	61.9%	57.8%	(4.1%)

FY2023 Gross Profit Annual Plan

1,004

2023
Gross Profit
Progress
22.6%

## **Consolidated PL Summary (FY2023 Plan & Results)**



	FY2023	FY2023	FY2023	FY2023	FY2023
In Millions of JPY (Rounded down to the first unit)	1 <sup>st</sup> Quarter Results	2 <sup>nd</sup> Quarter Results	3 <sup>rd</sup> Quarter Results	4 <sup>th</sup> Quarter Plan	Annual Plan
Sales	4,680	4,780	4,990	3,870	26,700
Gross Profit	1,950	1,890	2,110	910	7,300
SG&A	1,080	980	1,060	1,010	4,000
Operating profit	860	910	1,040	(90)	3,300
Ordinary profit	620	710	530	(720)	1,200
EBITDA	3,120	3,300	3,200	1,890	11,700
Profit attributable to owners of parent	450	410	210	(430)	750

## **Consolidated PL Summary (FY2023 Plan)**



			FY2023		
In Millions of JPY (Rounded down to the first unit)	1 <sup>st</sup> Quarter Plan	2 <sup>nd</sup> Quarter Plan	3 <sup>rd</sup> Quarter Plan	4 <sup>th</sup> Quarter Plan	Annual Plan
Sales	2,970	6,050	13,790	3,870	26,700
Gross Profit	340	3,060	2,970	910	7,300
SG&A	990	970	1,010	1,010	4,000
Operating profit	(640)	2,080	1,950	(90)	3,300
Ordinary profit	(1,190)	1,820	1,290	(720)	1,200
EBITDA	1,280	4,450	4,070	1,890	11,700
Profit attributable to owners of parent	(660)	1,080	770	(430)	750

## **Consolidated PL Summary (FY2022 Actual Results)**



			FY2022		
In Millions of JPY (Rounded down to the first unit)	1 <sup>st</sup> Quarter Plan	2 <sup>nd</sup> Quarter Plan	3 <sup>rd</sup> Quarter Plan	4 <sup>th</sup> Quarter Plan	Annual Plan
Sales	3,170	4,890	4,650	4,990	17,710
Gross profit	420	2,160	1,870	1,360	5,820
SG&A	920	1,300	1,190	1,100	4,530
Operating profit	(500)	850	670	260	1,280
Ordinary profit	(880)	(200)	60	(330)	(1,360)
EBITDA	540	2,060	2,690	2,300	7,610
Profit attributable to owners of parent	(600)	(650)	(10)	(240)	(1,520)

## Consolidated PL by Segment (3<sup>rd</sup> Quarter Plan vs. Results)



	ons of JPY I down to the first unit)		FY2023 3 <sup>rd</sup> Quarter Accumulated Plan	FY2023 3 <sup>rd</sup> Quarter Accumulated Results	Difference with plan	
Elov	v Pusinoss	Sales	10,190	1,460	<b>`</b> _ <b>` .</b>	_
Flow Business		Gross profit	2,300	1,340	(950)	<b>41</b> % <b>▼</b>
Power		Sales	10,950	11,560	+610	
	Production, etc.	Gross profit	3,070	3,540	+460	15%
O&M Business		Sales	1,850	1,640	(210)	
	(Non- consolidated)	Gross profit	1,170	1,270	+100	8%
	AM Business	Sales	320	330	0	
	(Non-consolidated)	Gross profit	320	330	0	3%
	Intercompany	Sales	(490)	(530)	(30)	
	elimination	Gross profit	(490)	(530)	(30)	
Charle Business		Sales	12,630	13,000	+360	
Stock Business		Gross profit	4,080	4,610	+530	13%
		Sales	22,820	14,460	(8,360)	•
Total		Gross profit	6,380	5,960	(410)	6% <b>•</b>

## Consolidated PL by Segment (FY2023 Results vs. Plan)



In M	illions of JPY		FY2023	FY2023	FY2023	FY2023	FY2023
	(Rounded down to the first unit)		1 <sup>st</sup> Quarter Plan	2 <sup>nd</sup> Quarter Plan	3 <sup>rd</sup> Quarter Plan	4 <sup>th</sup> Quarter Plan	Annual Plan
Elow	Business	Sales	1,440	0	10	50	10,240
FIOW	Dusilless	Gross profit	1,330	0	0	20	2,320
	Power Production,	Sales	2,810	4,290	4,450	3,200	14,150
	etc.	Gross profit	290	1,510	1,730	520	3,600
	O&M Business	Sales	480	540	600	680	2,540
	(Non- consolidated)	Gross profit	370	430	460	440	1,610
	AM Business	Sales	100	100	130	90	420
	(Non- consolidated)	Gross profit	100	100	130	90	420
	Intercompany	Sales	(160)	(170)	(220)	(160)	(660)
	Elimination	Gross profit	(160)	(170)	(220)	(160)	(660)
61		Sales	3,240	4,770	4,980	3,820	16,460
Stoci	k Business	Gross profit	610	1,890	2,110	890	4,980
Takal		Sales	4,680	4,780	4,990	3,870	26,700
Total		Gross profit	1,950	1,890	2,110	910	7,300

## **Consolidated PL by Segment (FY2023 Plan)**



					FY2023		
	illions of JPY ded down to the first	t unit)	1 <sup>st</sup> Quarter Plan	2 <sup>nd</sup> Quarter Plan	3 <sup>rd</sup> Quarter Plan	4 <sup>th</sup> Quarter Plan	Annual Plan
Flow	Time Cales	Sales	-	1,100	9,090	50	10,240
Busin	Time Sales ess)	Gross profit	-	1,100	1,200	20	2,320
	Power Production etc.,	Sales	2,480	4,370	4,090	3,200	14,150
		Gross profit	90	1,580	1,390	520	3,600
	O&M Business	Sales	550	640	660	680	2,540
	(Non-consolidated)	Gross profit	300	430	430	440	1,610
	AM Business	Sales	100	100	100	90	420
	(Non-consolidated)	Gross profit	100	100	100	90	420
	Intercompany	Sales	(160)	(160)	(160)	(160)	(660)
	Elimination	Gross profit	(160)	(160)	(160)	(160)	(660)
Stock		Sales	2,970	4,950	4,700	3,820	16,460
Busin	rring Revenue ess)	Gross profit	340	1,960	1,770	890	4,980
Tota		Sales	2,970	6,050	13,790	3,870	26,700
1016	71 	Gross profit	340	3,060	2,970	910	7,300

## **Consolidated PL by Segment (FY2022 Results)**



					FY2022		
	<b>lillions of JPY</b> nded down to the fi	rst unit)	1 <sup>st</sup> Quarter Results	2 <sup>nd</sup> Quarter Results	3 <sup>rd</sup> Quarter Results	4 <sup>th</sup> Quarter Results	Annual Results
Flow	Time Cales	Sales	120	10	240	1,820	2,200
Busin	Time Sales ess)	Gross profit	70	0	210	1,110	1,410
	Power Production etc.,	Sales	2,540	4,420	3,990	2,730	13,710
		Gross profit	40	1,820	1,400	(20)	3,240
	O&M Business	Sales	480	430	530	530	1,980
	(Non-consolidated)	Gross profit	280	330	350	370	1,340
	AM Business	Sales	160	160	170	160	660
	(Non-consolidated)	<b>Gross profit</b>	160	160	170	160	660
	Intercompany	Sales	(140)	(150)	(280)	(260)	(850)
	Elimination	Gross profit	(140)	(150)	(270)	(260)	(840)
Stock		Sales	3,050	4,870	4,410	3,160	15,510
Busin	rring Revenue ess)	Gross profit	340	2,160	1,650	240	4,410
Total	- I	Sales	3,170	4,890	4,650	4,990	17,710
Tota	#I	Gross profit	420	2,160	1,870	1,360	5,820

## **Consolidated PL Summary (Year on Year)**



In Millions of JPY (Rounded down to the first unit)	FY2022 3 <sup>rd</sup> Quarter Results	FY2023 3 <sup>rd</sup> Quarter Results	Difference
Sales	4,650	4,990	+340
Gross profit	1,870	2,110	+240
SG&A	1,190	1,060	(120)
Operating profit	670	1,040	+370
Ordinary profit	(60)	530	+470
EBITDA	2,690	3,200	+510
Profit attributable to owners of parent	(10)	210	+230

## **Consolidated PL by Segment (Year on Year)**



	In Millions of JPY (Rounded down to the first unit)		FY2022 3 <sup>rd</sup> Quarter Results	FY2023 3 <sup>rd</sup> Quarter Results	Difference
Flow	Flow Sales		240	10	(220)
(One Ti	me Sales Business)	Gross profit	210	0	(210)
	Dower Droduction etc	Sales	3,990	4,450	+670
	Power Production etc.,	Gross profit	1,400	1,730	+320
	O&M Business	Sales	530	600	+70
	(Non-consolidated)	Gross profit	350	460	+110
	AM Business	Sales	170	170	(50)
	(Non-consolidated)	Gross profit	170	170	(50)
	Intercompany	Sales	(280)	(200)	+80
	Elimination	Gross profit	(270)	(200)	+70
Stock		Sales	4,410	4,980	+560
(Recurri	ing Revenue Business)	Gross profit	1,650	2,110	+100
Total		Sales	4,650	4,990	+340
Total		Gross profit	1,870	2,110	+240

### **Consolidated BS Summary**



#### Total assets are maintained at around JPY 170b for three years (2023-2025)

In billions of JPY (Rounded down to the first decimal)	December 31 <sup>st</sup> , 2022 (Results)	September 30 <sup>th</sup> , 2023 (Results)
Cash deposits	14.4	10.5
Inventory *1	18.0	28.2
Fixed assets*2	117.6	116.8
Other assets	16.5	17.8
Total assets	166.7	173.4
Interest-bearing debt (recourse)	58.4	54.7
Interest-bearing debt (non-recourse)	79.3	88.9
Other liabilities	16.3	15.5
Total liabilities	154.1	159.2
Total net assets	12.6	14.2
Total liabilities and net assets	166.7	173.4
Equity-to-asset ratio*3	5.6%	6.2%
Equity-to-asset ratio excl. non-recourse*4	11.1%	13.3%

<sup>\*1:</sup>Inventory = investment securities for sale + Plants for sale + Plants for sale (in progress) + Costs on construction contracts in progress

<sup>\*2 :</sup> Excl. investments and other assets

<sup>\*3:</sup> Equity-to-asset ratio = Own capital/Total assets \*4: Equity-to-asset ratio excl. non-recourse = Own capital / (Total assets -Non-controlling interests - Interest-bearing debt (non-recourse)

## **Consolidated PL Summary**



In millions of JPY (Rounded down to the first unit)	2021 (Results)	2022 (Results)	2023 (Plan)	2024 (Plan)	2025 (Plan)
Sales	15,950	17,710	26,700	28,900	31,700
Gross profit	6,000	5,820	7,300	9,200	11,300
SG&A	3,770	4,530	4,000	4,500	4,970
Operating profit	2,220	1,280	3,300	4,700	6,330
Ordinary profit	990	(1,360)	1,200	1,640	2,200
EBITDA	4,660	7,610	11,700	12,500	15,000
Profit attributable to owners of parent	520	(1,520)	750	1,000	1,400

<sup>\*</sup>EBITDA = Ordinary profit + Interest expense + Commission paid + Depreciation + Amortization of goodwill + Other depreciation (EBITDA is exempt from audit or a quarterly review).

## **Consolidated PL by Segment**



	ons of JPY ded down to the first	unit)	2021 (Results)	2022 (Results)	2023 (Plan)	2024 (Plan)	2025 (Plan)
Flow	Timo Solos	Sales	3,720	2,200	10,240	11,520	12,180
Busin	Time Sales ess)	Gross profit	2,970	1,410	2,320	2,840	3,500
	Power	Sales	10,510	13,710	14,150	14,640	16,300
	Production etc.,	Gross profit	1,880	3,240	3,600	4,440	5,360
	O&M Business	Sales	1,610	1,980	2,540	2,890	3,240
	(Non-consolidated)	Gross profit	1,050	1,340	1,610	2,080	2,470
	AM Business	Sales	600	660	420	470	590
	(Non-consolidated)	Gross profit	600	660	420	470	590
	Intercompany	Sales	(500)	(850)	(660)	(640)	(620)
	elimination	Gross profit	(510)	(840)	(660)	(640)	(620)
Stock		Sales	12,220	15,510	16,460	17,380	19,520
(Recu Busin	rring Revenue ess)	Gross profit	3,030	4,410	4,980	6,360	7,800
Tata	J	Sales	15,950	17,710	26,700	28,900	31,700
Tota	<u> </u>	Gross profit	6,000	5,820	7,300	9,200	11,300

## **Domestic Power Plants in Operation**

## **Hokkaido Region**



No	Category	Location	Net Capacity (MW)	Capacity (MW)	Unit Price (JPY/kWh)	Commercial Operation	RJ Share Ratio
1	Solar	Hokkaido	22.0	22.0	40	2019/11	100%
2	Solar	Hokkaido	3.8	3.8	36	2018/2	100%
3	Solar	Hokkaido	2.1	2.1	40	2015/4	100%
4	Solar	Hokkaido	1.9	1.9	36	2017/3	100%
5	Solar	Hokkaido	1.3	1.3	32	2017/6	100%
6	Solar	Hokkaido	1.2	1.2	40	2015/6	100%
7	Solar	Hokkaido	1.1	1.1	40	2015/3	100%
8	Solar	Hokkaido	1.1	1.1	36	2015/8	100%
9	Solar	Hokkaido	1.1	1.1	40	2015/9	100%
10	Solar	Hokkaido	0.5	0.5	36	2015/9	100%
11	Wind	Hokkaido	0.3	0.3	55	2020/8	100%
		Total	35.7	35.7			

<sup>\*\*</sup>Capacity and net capacity for solar power plants refer to DC (panel) capacity. Figure is rounded to the first decimal place.

<sup>\*</sup>Net capacity refers to power plant capacity multiplied by the share percentage of RJ.

## **Domestic Power Plants in Operation** Tohoku Region



			Net Capacity	Capacity	Unit Price	Commercial	RJ Share
No	Category	Location	(MW)	(MW)	(JPY/kWh)	Operation	Ratio
1	Solar	lwate	42.3	42.3	32	2022/5	100%
2	Solar	Aomori	14.7	14.7	36	2021/9	100%
3	Solar	lwate	10.7	10.7	36	2015/12	100%
4	Hydro	Yamagata	10.6	11.2	_*1	1954/9	95%
5	Solar	lwate	5.2	15.0	36	2022/5	35%
6	Solar	lwate	5.2	5.2	36	2018/6	62%
7	Solar	Miyagi	2.8	2.8	32	2018/2	100%
8	Solar	lwate	2.5	2.5	32	2017/7	100%
9	Solar	lwate	2.2	2.2	36	2016/10	100%
10	Solar	lwate	2.2	2.2	40	2016/8	100%
11	Solar	lwate	2.1	2.1	40	2015/3	100%
12	Solar	lwate	2.0	2.0	40	2018/7	100%
13	Solar	Miyagi	2.0	2.0	32	2017/12	100%
14	Solar	Fukushima	1.2	1.2	36	2017/9	100%
15	Solar	lwate	1.0	1.0	32	2018/6	100%
16	Solar	Miyagi	1.0	1.0	36	2015/12	100%
17	Solar	Miyagi	0.9	7.5	32	2020/02	12%
18	Solar	Miyagi	0.8	0.8	29	2017/12	100%
19	Solar	Miyagi	0.7	0.7	32	2017/12	100%
20	Solar	Miyagi	0.6	31.7	32	2020/10	2%
21	Solar	Fukushima	0.5	25.1	36	2021/6	2%
22	Solar	Miyagi	0.4	21.1	32	2020/10	2%
		Total	111.7	207.1			

<sup>%</sup>Capacity and net capacity for solar power plants refer to DC (panel) capacity. Figure is rounded to the first decimal place.

 $<sup>\</sup>frak{M}$ Net capacity refers to power plant capacity multiplied by the share percentage of RJ.

<sup>\*1</sup> Non-FIT contract.

## **Domestic Power Plants in Operation** K

#### **Kanto Region**



No	Category	Location	Net Capacity (MW)	Capacity (MW)	Unit Price (JPY/kWh)	Commercial Operation	RJ Share Ratio
1	Solar	Gunma	3.1	3.1	36	2018/10	100%
2	Solar	Saitama	2.9	2.9	18	2021/9	100%
3	Solar	Saitama	2.3	2.3	32	2017/9	100%
4	Solar	Chiba	2.3	2.3	40	2018/3	100%
5	Solar	Ibaraki	1.8	1.8	36	2017/3	100%
6	Solar	Chiba	1.8	1.8	40	2016/11	100%
7	Solar	Chiba	1.6	1.6	36	2023/6	100%
8	Solar	Ibaraki	1.3	1.3	40	2013/9	100%
9	Solar	Kanagawa	1.2	1.2	32	2019/12	100%
10	Solar	Ibaraki	1.1	1.1	36	2015/9	100%
11	Solar	Chiba	1.0	1.0	40	2015/3	100%
12	Solar	Chiba	0.5	0.5	32	2016/5	100%
		Total	21.4	21.4			

<sup>\*\*</sup>Capacity and net capacity for solar power plants refer to DC (panel) capacity. Figure is rounded to the first decimal place.

<sup>\*</sup>Net capacity refers to power plant capacity multiplied by the share percentage of RJ.

## **Domestic Power Plants in Operation** Chubu Region



No	Category	Location	Net Capacity	Capacity	Unit Price	Commercial	RJ Share
			(MW)	(MW)	(JPY/kWh)	Operation	Ratio
1	Solar	Niigata	22.9	44.9	36	2021/12	51%
2	Solar	Gifu	22.7	22.7	40	2021/4	100%
3	Solar	Mie	10.4	10.4	36	2020/12	100%
4	Solar	Mie	3.9	3.9	36	2014/9	100%
5	Solar	Shizuoka	2.9	2.9	32	2017/4	100%
6	Solar	Mie	2.1	2.1	32	2016/12	100%
7	Solar	Mie	2.0	2.0	32	2016/3	100%
8	Solar	Mie	1.9	16.5	32	2018/12	12%
9	Solar	Mie	1.8	13.2	27	2019/12	14%
10	Solar	Mie	1.6	1.6	40	2014/8	100%
11	Solar	Fukui	1.6	1.6	32	2018/6	100%
12	Solar	Shizuoka	1.3	11.3	36	2017/9	12%
13	Solar	Aichi	1.2	1.2	36	2017/3	100%
14	Solar	Mie	1.2	1.2	36	2016/12	100%
15	Solar	Mie	1.2	1.2	36	2015/4	100%
16	Solar	Mie	1.1	1.1	32	2018/12	100%
17	Solar	Mie	1.1	1.1	32	2017/6	100%
18	Solar	Mie	0.9	0.9	32	2016/12	100%
19	Solar	Mie	0.6	0.6	36	2015/10	100%
20	Solar	Mie	0.6	0.6	36	2016/6	100%
21	Solar	Mie	0.6	0.6	36	2015/7	100%
22	Solar	Mie	0.6	0.6	36	2017/11	100%
		Total	85.4	143.4			

<sup>%</sup>Capacity and net capacity for solar power plants refer to DC (panel) capacity. Figure is rounded to the first decimal place.

<sup>\*</sup>Net capacity refers to power plant capacity multiplied by the share percentage of RJ.

## **Domestic Power Plants in Operation**

#### Kansai Region



No	Category	Location	Net Capacity (MW)	Capacity (MW)	Unit Price (JPY/kWh)	Commercial Operation	RJ Share Ratio
1	Solar	Kyoto	4.0	4.0	40	2014/11	100%
2	Solar	Hyogo	3.5	3.5	32	2017/10	100%
3	Solar	Hyogo	2.2	2.2	40	2018/11	100%
4	Solar	Kyoto	0.4	14.5	32	2019/11	3%
		Total	10.2	24.3			

<sup>\*\*</sup>Capacity and net capacity for solar power plants refer to DC (panel) capacity. Figure is rounded to the first decimal place.

 $<sup>\</sup>frak{M}$ Net capacity refers to power plant capacity multiplied by the share percentage of RJ.

## Domestic Power Plants in Operation Chugoku - Shikoku Region



No	Category	Location	Net Capacity (MW)	Capacity (MW)	Unit Price (JPY/kWh)	Commercial Operation	RJ Share Ratio
1	Solar	Kochi	2.0	2.0	40	2014/2	100%
2	Solar	Okayama	1.6	1.6	40	2013/11	100%
3	Solar	Okayama	1.4	1.4	12.88 <sup>※3</sup>	2021/5	100%
		Total	5.0	5.0			

<sup>%</sup> Capacity and net capacity for solar power plants refer to DC (panel) capacity. Figure is rounded to the first decimal place.

XNet capacity refers to power plant capacity multiplied by the share percentage of RJ.

<sup>\* 3</sup> Shifted to FIP scheme with a minimum FIT price of 12.88 yen.

## **Domestic Power Plants in Operation** Kyushu Region



No	Category	Location	Net Capacity (MW)	Capacity (MW)	Unit Price (JPY/kWh)	Commercial Operation	RJ Share Ratio
1	Solar	Fukuoka	5.4	5.4	36	2015/9	100%
2	Solar	Oita	3.2	3.2	40	2015/6	100%
3	Solar	Miyazaki	2.3	2.3	40	2015/3	100%
4	Solar	Kumamoto	2.3	2.3	40	2016/2	100%
5	Solar	Kagoshima	2.1	2.1	36	2015/1	100%
6	Solar	Saga	1.6	1.6	32	2015/5	100%
7	Solar	Kagoshima	1.5	1.5	40	2016/3	100%
8	Solar	Kagoshima	1.1	1.1	40	2015/6	100%
9	Solar	Fukuoka	1.1	1.1	40	2014/3	100%
10	Solar	Fukuoka	1.0	1.0	40	2014/3	100%
11	Solar	Saga	0.5	0.5	32	2015/4	100%
12	Solar	Kagoshima	0.5	25.7	36	2020/7	2%
		Total	23.1	48.4			

<sup>\*\*</sup>Capacity and net capacity for solar power plants refer to DC (panel) capacity. Figure is rounded to the first decimal place.

XNet capacity refers to power plant capacity multiplied by the share percentage of RJ.

#### **Domestic Power Plants in Operation** C





No	Category	Location	Net Capacity (MW)	Capacity (MW)	Unit Price (JPY/kWh)	Commercial Operation	RJ Share Ratio
1	Solar	All over Japan	7.5	7.5	_**1	2023/8	100%
2	Solar	Temporary asset ※4	52.3	52.3	-	-	100%
3	Solar	Low-voltage bulk	8.2	20.5	18	2022/1	40%
4	Solar	Low-voltage bulk	1.2	1.2	14	<b>2023/8</b> %2	100%
		Total	69.2	81.5			

#### **Overseas Power Plants in Operation - Spain**

No	Category	Location	Net Capacity (MW)	Capacity (MW)	Unit Price (JPY/kWh)	Commercial Operation	RJ Share Ratio
1	Solar	Albacete	21.6	21.6	<u>*</u> *1	2021/7	100%
2	Solar	Ciudad Real	13.9	39.9	<u>-</u> *1	2023/6	35%
3	Solar	Toledo	7.9	7.9	<b>-</b> *1	2020/6	100%
4	Solar	Murcia	5.4	5.4	<b>-</b> *1	2022/2	100%
		Total	49.1	75.0			

## **Net Capacity of plants in operation 411.2MW**

<sup>\*</sup>Capacity and net capacity for solar power plants refer to DC (panel) capacity. Figure is rounded to the first decimal place.

<sup>\*1</sup> Non-FIT contract \*2 Date in which all power plants began operations. \*4Temporary assets destined to be sold to private funds within the next quarter (23 plants).

#### **Power Plants under Development**



No	Category	Location	Net Capacity (MW)	Capacity (MW)	Unit Price (JPY/kWh)	Commercial Operation	RJ Share Ratio
1	Solar	Hyogo	2.8	2.8	11.88	2024/4	100%
2	Solar	Hyogo	2.6	2.6	11.88	2024/4	100%
3	Solar	Miyazaki	14.9	14.9	36	2025/6	100%
4	Solar	Fukushima	25.2	25.2	24	2025/7	100%
5	Hydro	Yamagata	0.9	0.9	29	2025/7	100%
6	Wind	Mie	25.2	25.2	22	2027/2	100%
		Total	72.6	72.6			

#### (Other projects under development)

In addition to the projects listed in this section, there are solar power plants for which business approval and necessary permits have been obtained. These amount to 9.7MW (DC (Panel) capacity) excluding low voltage bulks.

<sup>\*\*</sup>Capacity and net capacity for solar power plants refer to DC (panel) capacity. Figure is rounded to the first decimal place.

<sup>\*</sup>Net capacity refers to power plant capacity multiplied by the share percentage of RJ.

<sup>\*\*</sup>The capacity of projects under development can be changed in the future. Projects are also subject to change or cancellation for unexpected reasons.

<sup>\*</sup>The start of commercial operations represents a target schedule, Renewable Japan Ltd., Co. does not guarantee that the project will start operations on that date. The commercial operation may be delayed or even cancelled for unexpected factors.

#### **Net Power Generation Results (9 months accumulated)**



## Total power generation as of 3Q of FY2023

approx.345 million kwh

## Average household power consumption per year

73,000 households

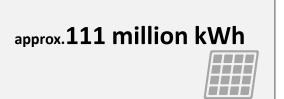
#### **Annual CO2 reduction**

approx. 150,000(t-CO2/yr)



Equivalent to the amount of CO<sup>2</sup> absorbed by roughly **10.5** *million* cedar trees per year

## Total power generation for FY2022





## Average household power consumption per year

Equivalent to approx.

23,000 households



#### **Annual CO2 reduction**

approx. 48,300(t-CO2/yr)



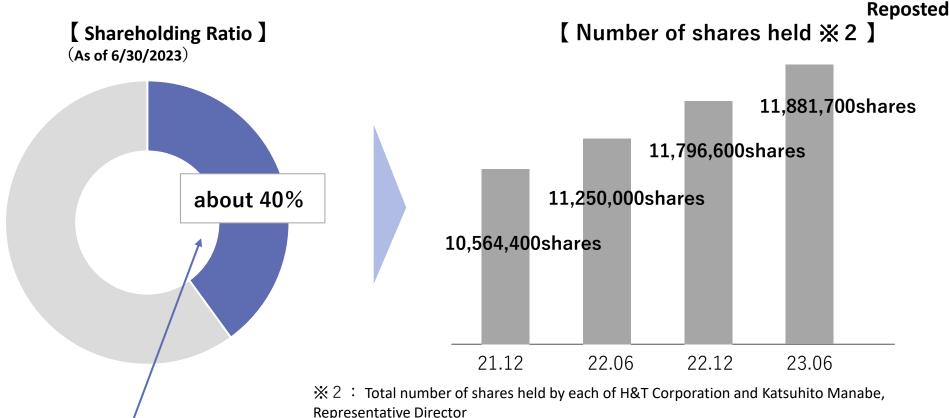
<sup>\*</sup>The figures are the amount of power generated by each power plant divided by % of each RJ's share

<sup>\*</sup> Average household power consumption per year (4,716kWh) has been calculated based on "FY 2023 Japan Photovoltaic Energy Association guidelines"

<sup>\*</sup>CO2 reduction effect = "Power production(kWh)" X " Adjusted emission factors for electricity(t-CO2/kWh)"

<sup>&</sup>quot;Adjusted emission factors for electricity": Emission factors by electric utility (For calculation of greenhouse gas emissions of specified emitters)-FY2022 result published by Ministry of the Environment and Ministry of Economy, Trade and Industry on Jan. 21, 2023.





**Breakdown** 

#### **H&T Corporation** \*1

**Katsuhito Manabe, Representative Director** 

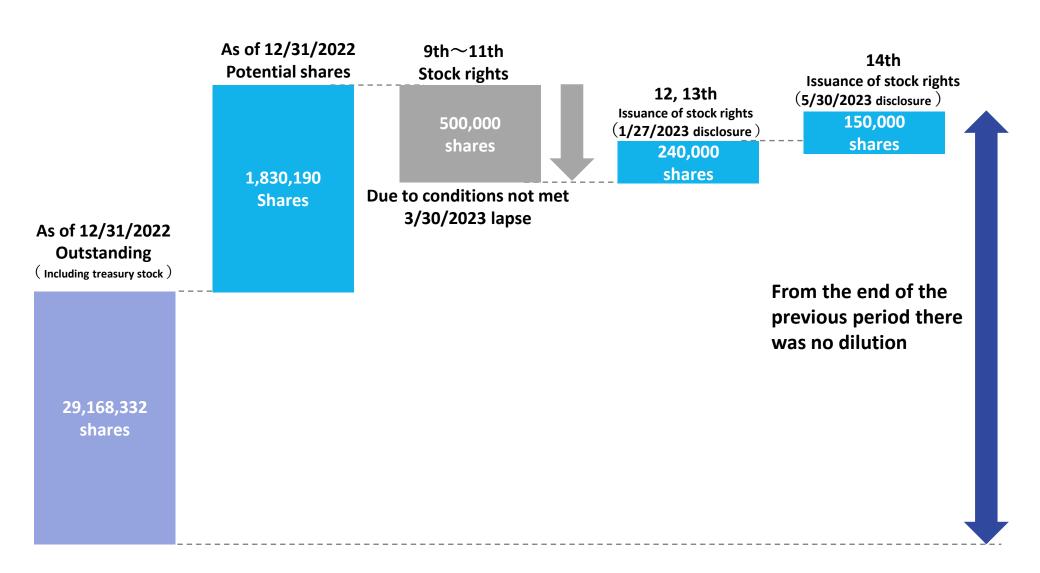
11,021,700shares 860,000shares

(Total number of shares outstanding as of June 30, 2023 : 29,692,730 shares)

## [Reference] Status of Stock Options for Directors and Employees







#### [Reference] Status of Stock Options for Directors and Employees



## **Objective**

Demonstrate management's commitment to growing performance

Increase shared value between management and shareholders

	12th	13th	14th
	(1/27/2023)	(1/27/2023)	(5/30/2023)
Exercise Conditions	EBITDA 15bn	EBITDA 20bn	EBITDA 15bn
	(Apr. 2024~3yrs)	(Apr. 2024~5yrs)	(Apr. 2024~3yrs)
Subjects	Senior ex	Representative Directors	

<sup>※ (</sup>Reference) Our share price at the time of issuance: 12th and 13th (509 JPY), 14th (753 JPY)

#### **Disclaimer**



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- The amounts stated in this document may not match the totals in the respective columns because, as a rule, consolidated figures are used and amounts less than one million yen are rounded down.

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Renewable Japan