



Prime Market of Tokyo stock exchange: 1959

# **KYUDENKO CORPORATION FY ending March 2024**3rd Quarter End



# High lights



**Orders** 

¥339,433<sub>million</sub> Year-on-year 93.7%

Sales

¥315,067<sub>million</sub> Year-on-year 125.4%

Operating profit

¥23,225 million Year-on-year 148.8%

# Outline of P/L March 2023

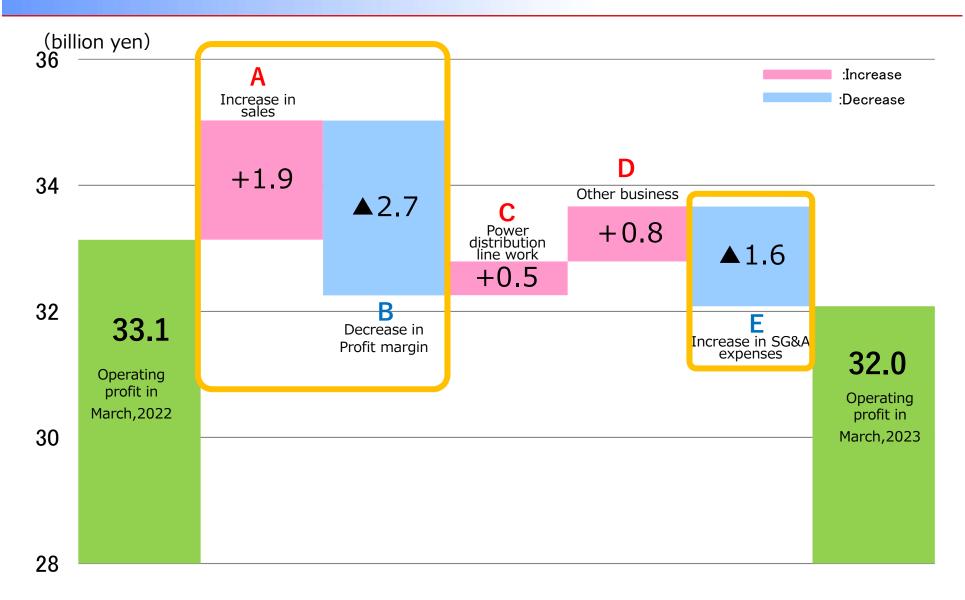


(Million yen)

	March 2022	March 2023			
	Result	Result	Year-on- year	Plan (2023.1.31)	Progress
Sales	376,563 (100.0%)	395,783 (100.0%)	105.1%	400,000 (100.0%)	98.9%
Gross profit	<b>57,361</b> (15.2%)	57,889 (14.6%)	100.9%	59,000 (14.8%)	98.1%
Operating profit	33,137 (8.8%)	32,083 (8.1%)	96.8%	32,500 (8.0%)	98.7%
Ordinary project	<b>36,828</b> (9.8%)	35,462 (9.0%)	96.3%	35,000 (8.8%)	101.3%
Net profit	26,216 (7.0%)	26,349 (6.7%)	100.5%	26,000 (6.5%)	101.3%
Net profit per share	¥370.05		¥371.93		¥367.00

# Factors of change in OP March 2023





# Outline of P/L March 2024, 3rd quarter end

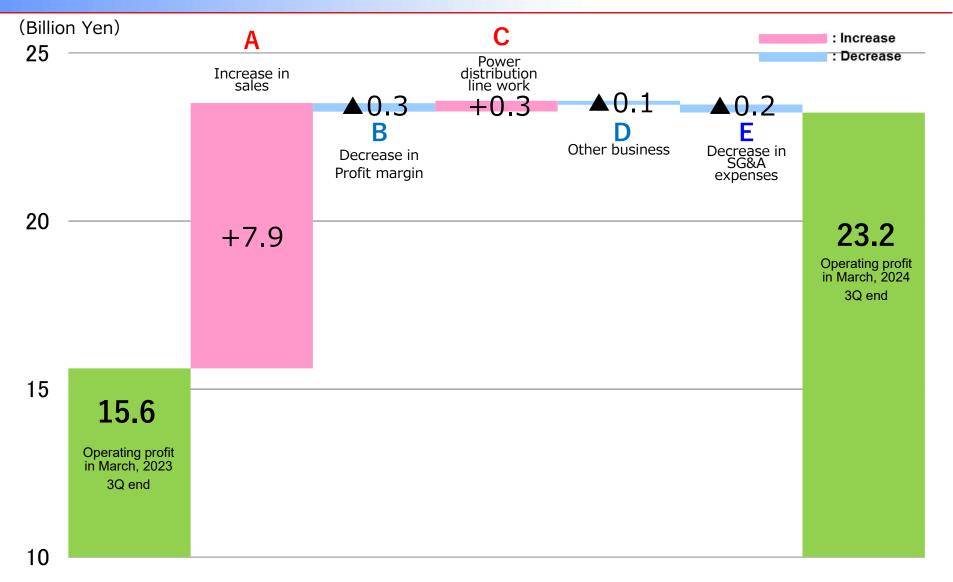


(Million yen)

	March 2023,	March 2023,	Change compared to the same period of the previous year	
	3Qend Result	3Qend Result	Increase /decrease	Rate of change
Sales	251,255 (100.0%)	315,067 (100.0%)	+63,812	125.4%
Gross profit	35,018 (13.9%)	42,864 (13.6%)	+7,846	122.4%
Operating profit	15,612 (6.2%)	23,225 (7.4%)	+7,613	148.8%
Ordinary profit	18,257 (7.3%)	26,271 (8.3%)	+8,013	143.9%
Net profit	14,844 (5.9%)	17,050 (5.4%)	+2,206	114.9%
Net profit per share	¥209.53	¥240.87		-

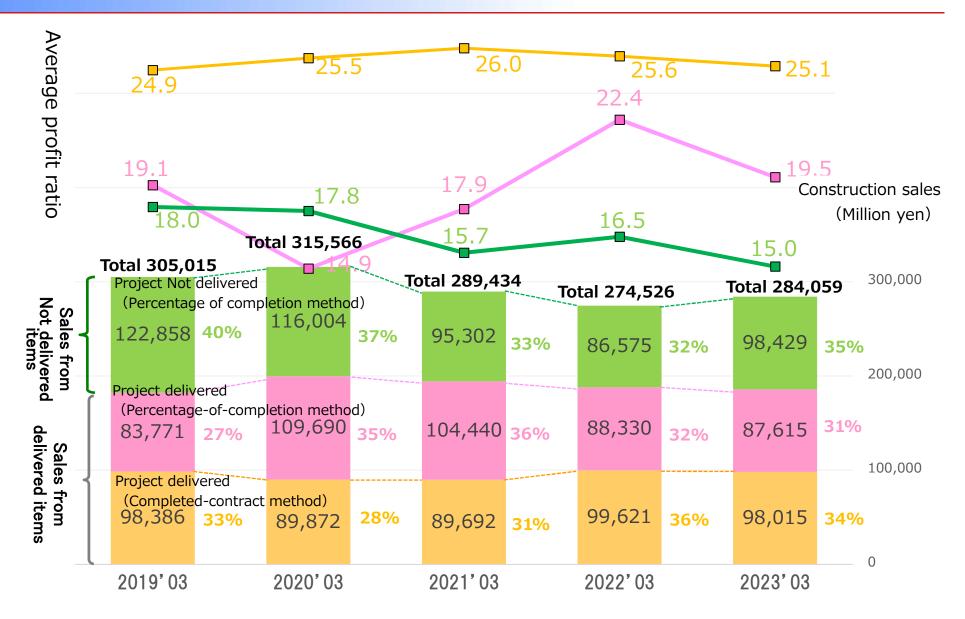
# Factors of change in OP March 2024, 3rd quarter end



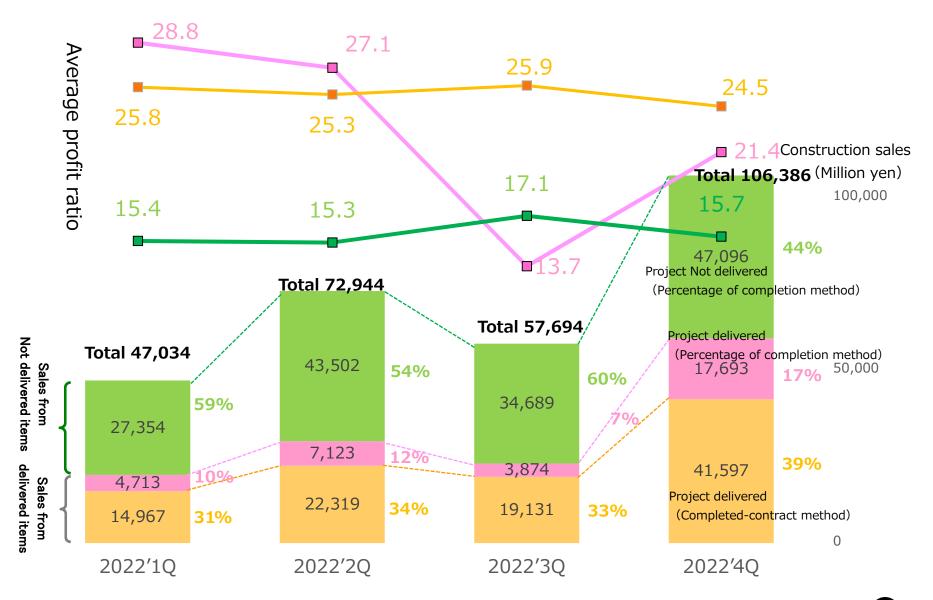


# Breakdown of construction sales and average profit margin (Kyudenko individual: excluding power distribution line work)



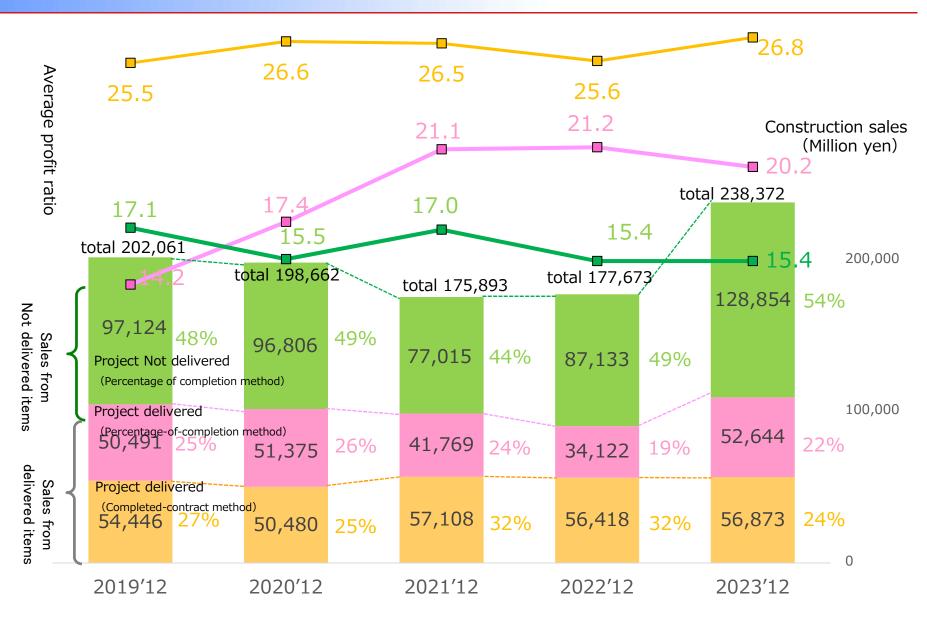




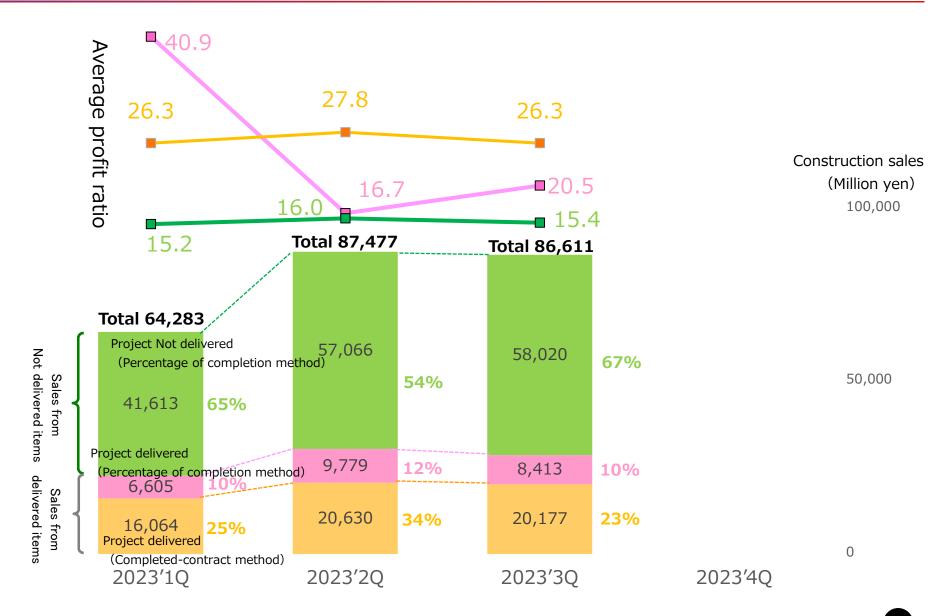


# Breakdown of construction sales and Factor of gross profit ratio Dec.2023 (Kyudenko individual: excluding power distribution line work)



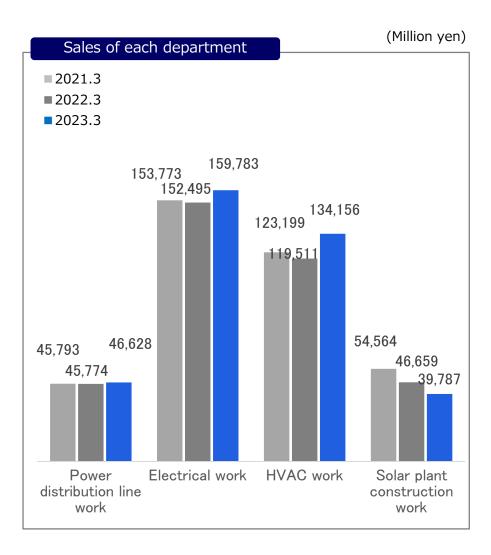


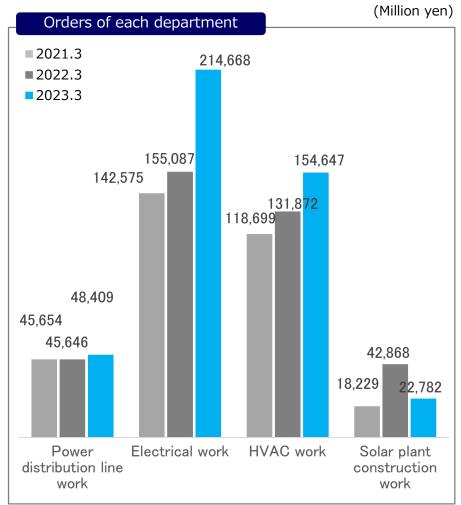




# Order received / Sales by department March 2023

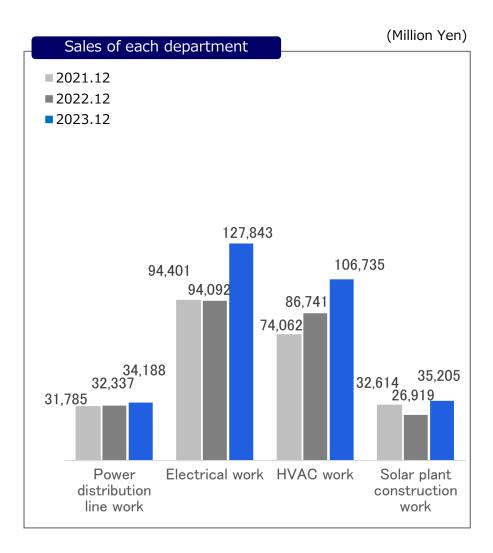


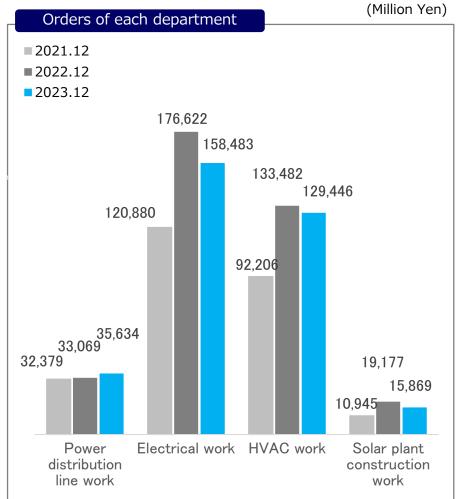




## Order received / Sales by department Dec. 2023

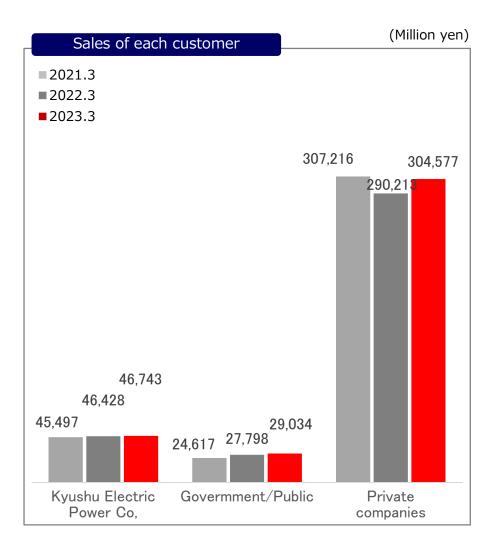


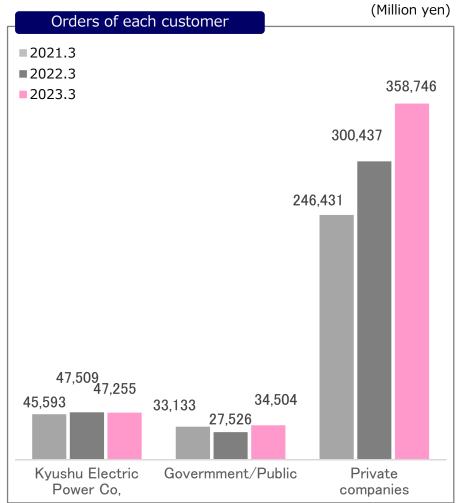




### Order received / Sales by customer March 2023

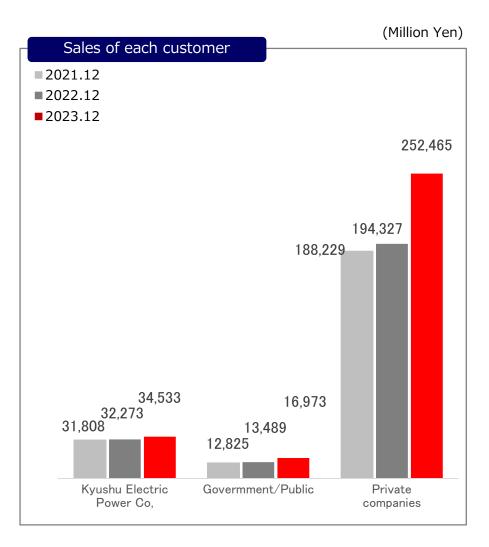


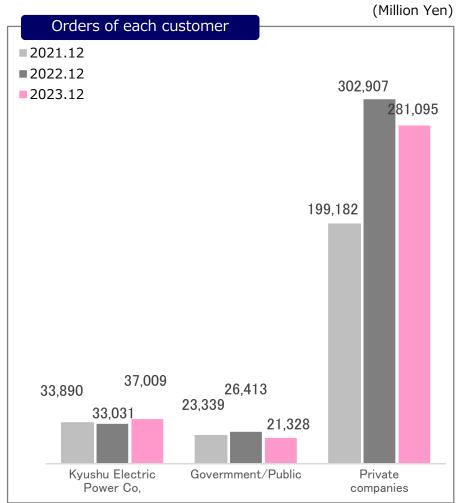




# Order received / Sales by customer Dec. 2023

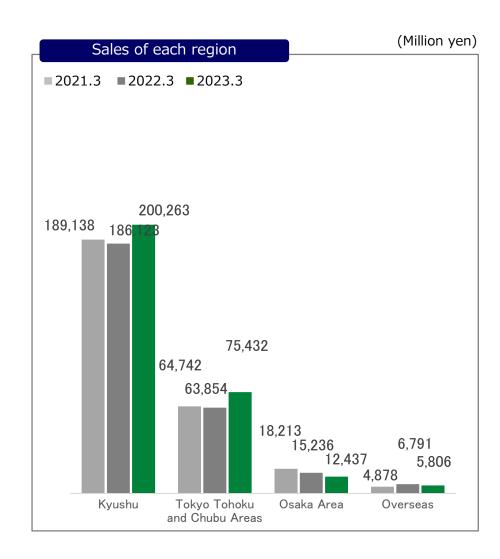


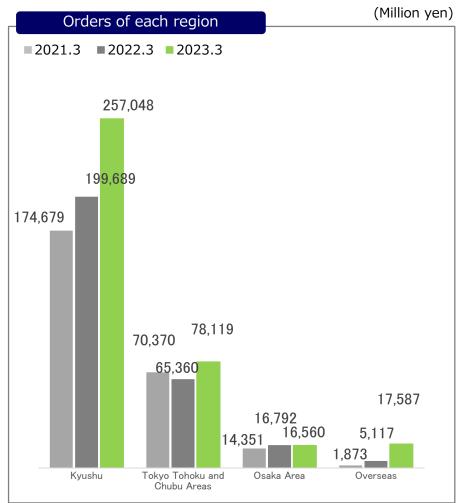




# Order received / Sales by region March 2023 (Electrical & HVAC work excluding Solar plant construction work)

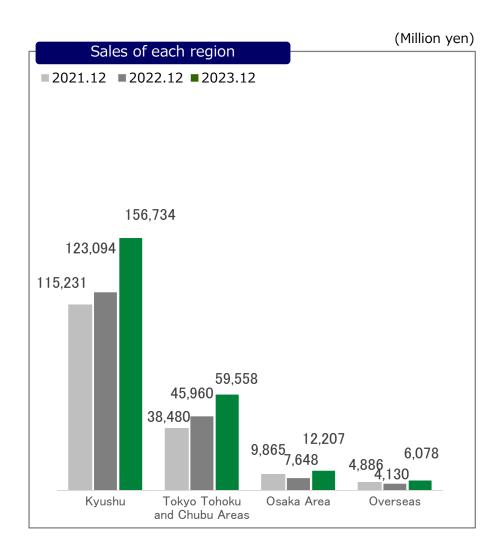


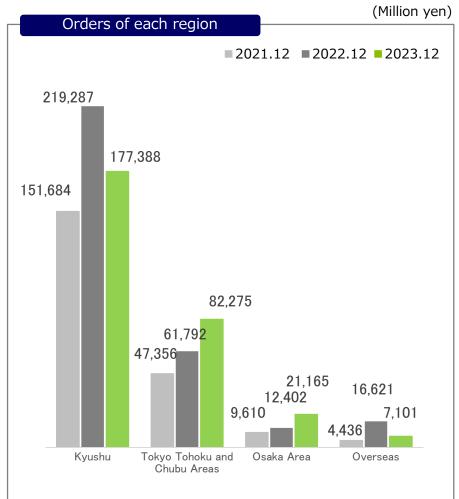




# Order received / Sales by region Dec. 2023 (Electrical & HVAC work excluding Solar plant construction work)

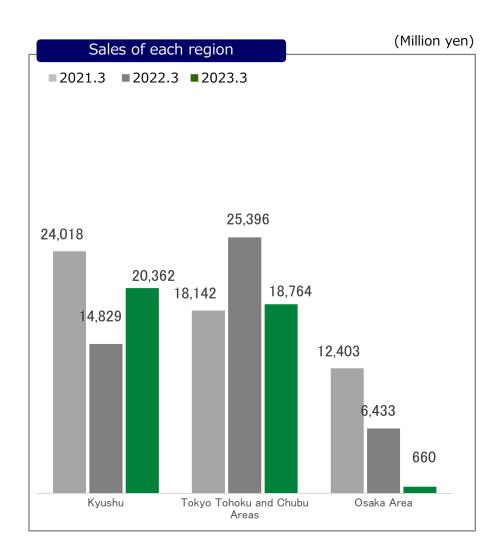


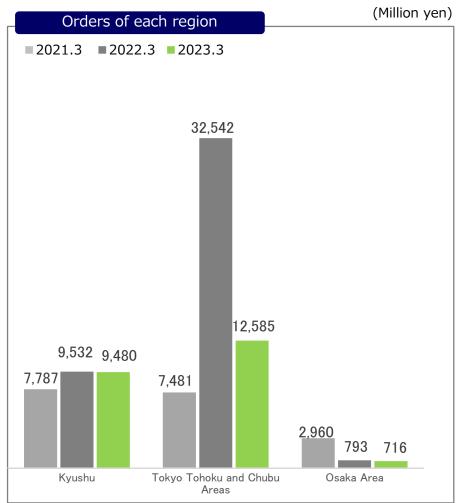




# Order received / Sales by region March 2023 (Solar plant construction work)

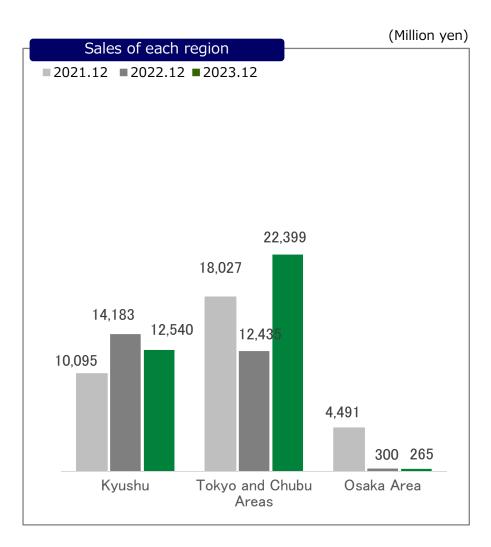


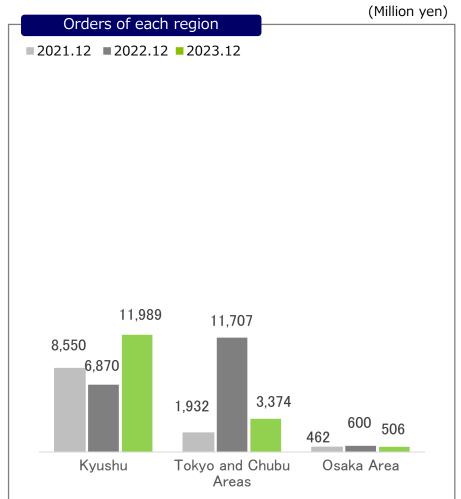




# Order received / Sales by region Dec. 2023 (Solar plant construction work)

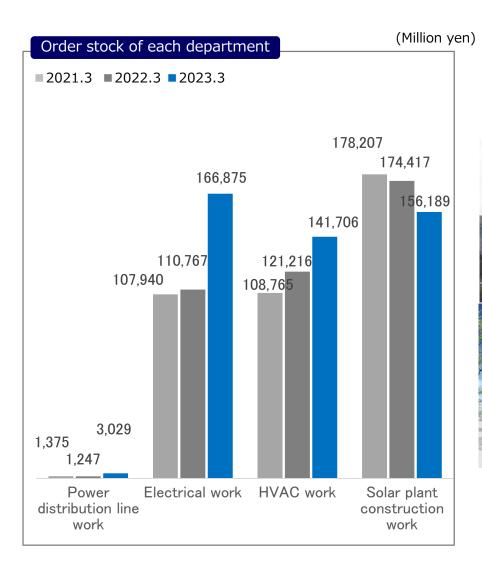






# Year-end amount of works on hand





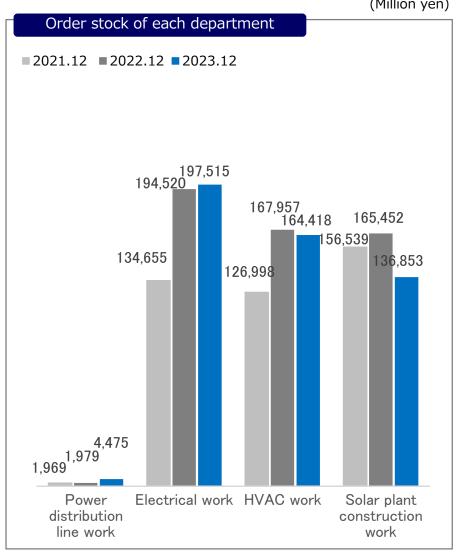
New orders in FY ended March 2023



### Situation of works on hand Dec. 2023



(Million yen)



New orders in FY ended Dec. 2023



# Outline of balance sheet



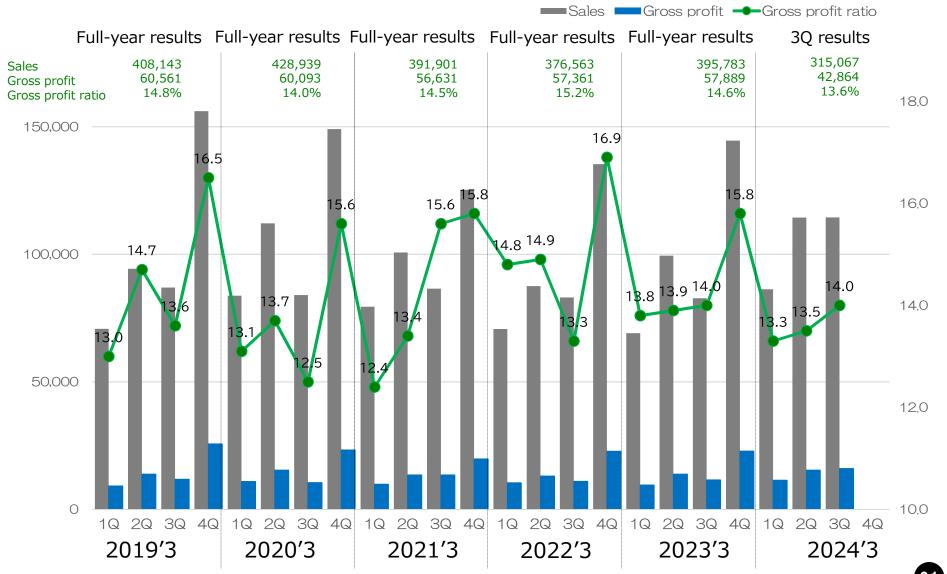
(Million yen)

	End of Mar.2022	End of Mar.2023	End of Dec 2023	Increase /decrease	Main factors behind increase/decrease
Current assets	216,979 (57.3%)	278,220 (62.3%)	295,749 (63.3%)	+17,528	Cash on hand and in banks +25,865 Trade notes and accounts receivable ▲20,585 Costs of uncompleted construction contracts +11,614
Fixed assets	161,416 (42.7%)	168,189 (37.7%)	171,700 (36.7%)	+3,510	Investment securities +5,067
Total assets	378,396 (100.0%)	446,410 (100.0%)	467,450 (100.0%)	+21,039	
Current liabilities	123,446 (32.6%)	141,691 (31.7%)	177,693 (38.0%)	+36,002	Trade notes and accounts payable ▲16,700 Electronically recorded obligations +16,285 Short-term borrowings +26,485
Fixed liabilities	13,754 (3.6%)	41,702 (9.3%)	14,714 (3.1%)	<b>▲</b> 26,987	Long-term debt ▲27,329
Total liabilities	137,201 (36.3%)	183,393 (41.1%)	192,408 (41.2%)	+9,014	
Total net assets	241,194 (63.7%)	263,017 (58.9%)	275,042 (58.8%)	+12,024	Retained earnings +8,939 Unrealized holding gain on securities +2,839
Total liabilities and net assets	378,396 (100.0%)	446,410 (100.0%)	467,450 (100.0%)	+21,039	

# Sales and gross profit (quarterly accounting period)



(Sales, gross profit: million yen) (Gross profit ratio: %)



# Plan for March 2024

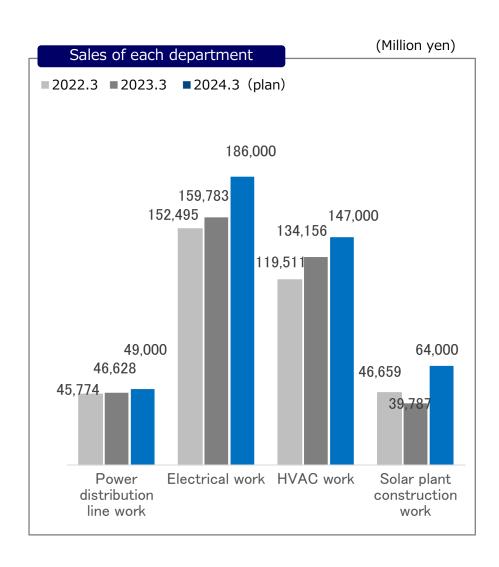


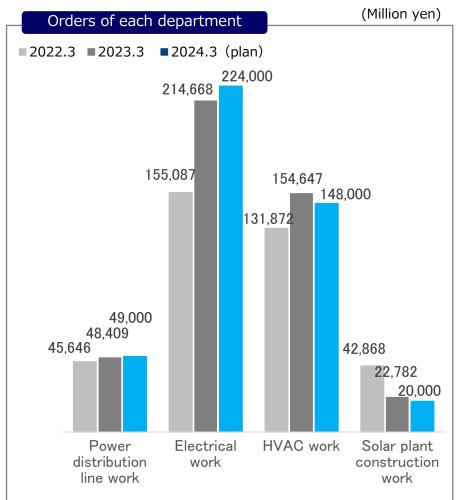
(Million yen)

	March 2023		Plan for M	arch 2024	
	Result	March 2024	Year-on-Year	3Q Result	Progress
Sales	395,783 (100.0%)	460,000 (100.0%)	116.2%	315,067 (100.0%)	68.5%
Gross profit	57,889 (14.6%)	64,500 (14.0%)	111.4%	42,864 (13.6%)	66.5%
Operating profit	32,083 (8.1%)	35 <b>,</b> 500 (7.7%)	110.7%	23,225 (7.4%)	65.4%
Ordinary profit	35,462 (9.0%)	38,000 (8.3%)	107.2%	26,271 (8.3%)	69.1%
Current (quarter) net profit	26,349 (6.7%)	26,500 (5.8%)	100.6%	17,050 (5.4%)	64.3%
Orders	440,507	441,000	100.1%	339,433	77.0%
Current net profit per stock	¥371.93		¥374.05		¥240.87
Dividends	¥110 Interim ¥50 Year-end ¥60			Interim ¥5	¥110 5 Year-end ¥55

# Orders & Sales plan by department







### Trend of dividends



#### **Dividend Policy and Dividends for the Current Fiscal Year**

- Regarding profit distribution, we will strive to maintain an appropriate financial structure and return profits to shareholders, while securing the internal reserves necessary to strengthen our management base and further expand our business for improved performance, with an awareness of the cost of capital.
- Regarding dividends, we will meet the expectations of our shareholders by paying stable dividends on an ongoing basis, with a target consolidated dividend payout ratio of 25%, based on comprehensive consideration of the business environment, business performance, financial position, and other factors.
- Based on this basic policy, we plan to pay an annual dividend of 110 yen per share (including an interim dividend of 55 yen per share) for the current fiscal year based on the current earnings forecast and other factors.

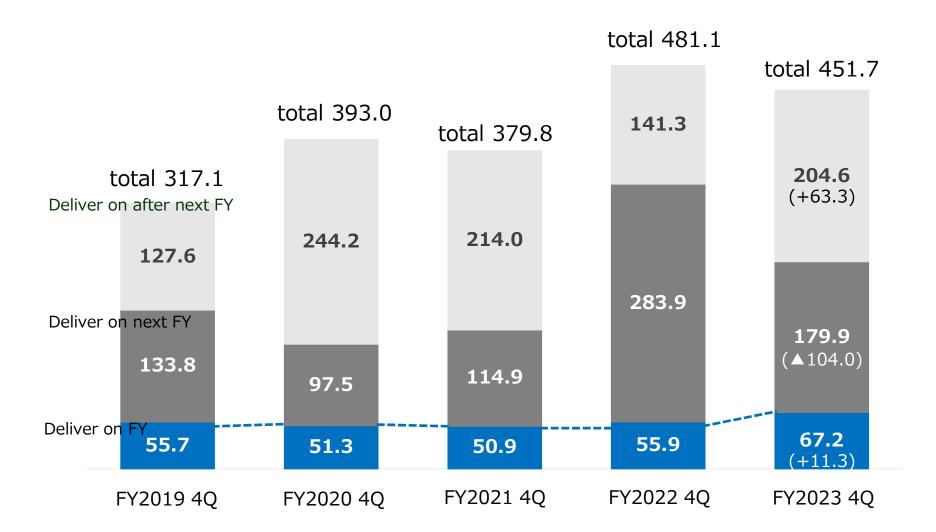


# Analysis of works on hand (Kyudenko individual: excluding power distribution work)



(Fourth quarter opening construction works on hand by delivery schedule timing)

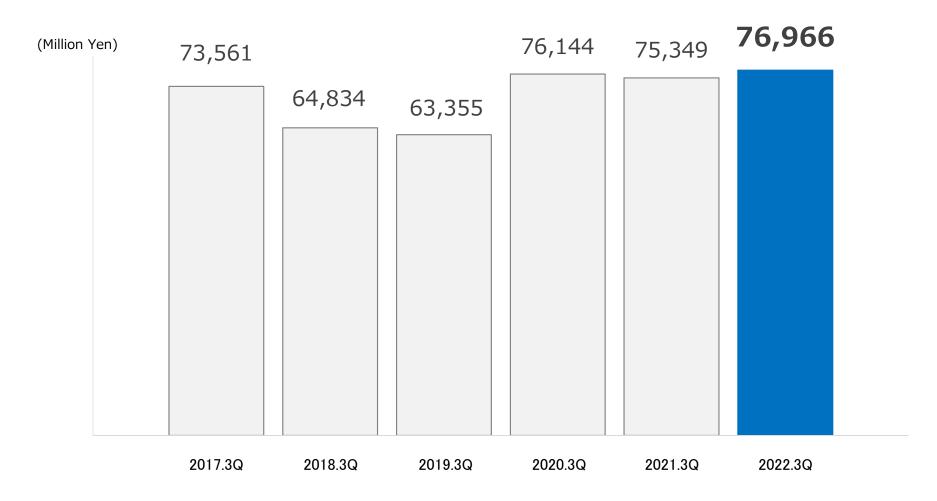
Works on hand (Billion yen)



# Orders for small and medium-sized projects (Kyudenko individual: excluding power distribution work)



Orders for small and medium-sized projects with short construction periods and relatively high profit margins



### Investment in Power Operations



#### Solar Power Plants

#### Deals operated by group

(make capital investment and record the entire operation to other operations sales)

Depreciated at the declining balance method

		Doprodiated at the	accining balance metric
	Number of power plants	Generation capacity (the entire operation)	Generation capacity (that equal to the equity)
In operation	49	92MW	87MW
Under construction	_	_	-
Plan	_	_	-
Total	49	92MW	87MW

#### Deals through investment in equity

(acquire investment securities and record an amount equal to the equity to non-operating revenues)

Depreciated at the straight line method

	Number of power plants	Generation capacity (the entire operation)	Generation capacity (that equal to the equity)
In operation	53	746MW	211MW
Under construction	2	575MW	103MW
Plan	_	-	-
Total	55	1,321MW	314MW

#### Wind Power Plants

Deals operated by group

(make capital investment and record the entire operation to other operations sales)

Depreciated at the Mainly declining balance method

	Number of power plants	Generation capacity (the entire operation)	Generation capacity (that equal to the equity)
In operation	5	45MW	44MW
Under construction	-	-	-
Plan	-	-	-
Total	5	45MW	44MW

Deals through investment in equity

(acquire investment securities and record an amount equal to the equity to nonoperating revenues) Depreciated at the Mainly declining balance method

	Number of power plants	Generation capacity (the entire operation)	Generation capacity (that equal to the equity)
In operation	5	144MW	48MW
Under construction	1	15MW	4MW
Plan	_	-	-
Total	6	159MW	52MW

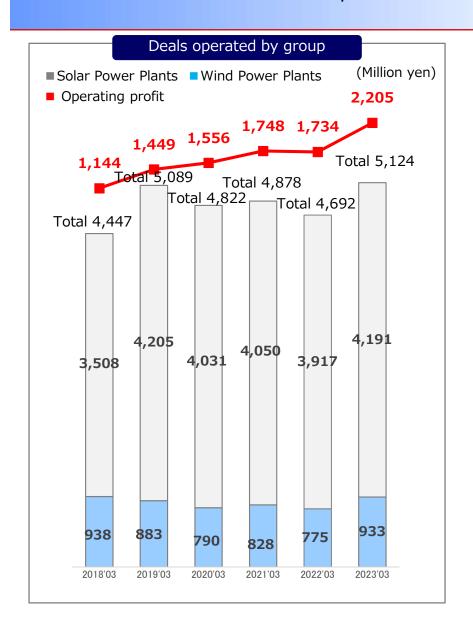
• From April to December, a total of 102 controls on output were issued by Kyushu Electric Power Company.

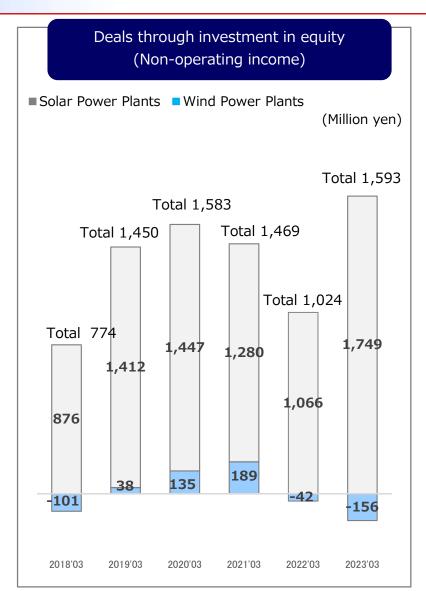
(In the same period of the previous year, it was 38 controls.)

• The number of issued orders has approximately doubled compared to the same period last year, and our power plants have also been affected by the output curtailment.

### Investment in Power Operations

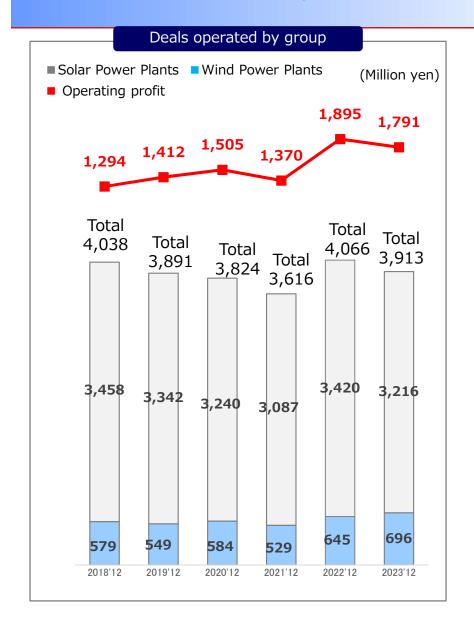


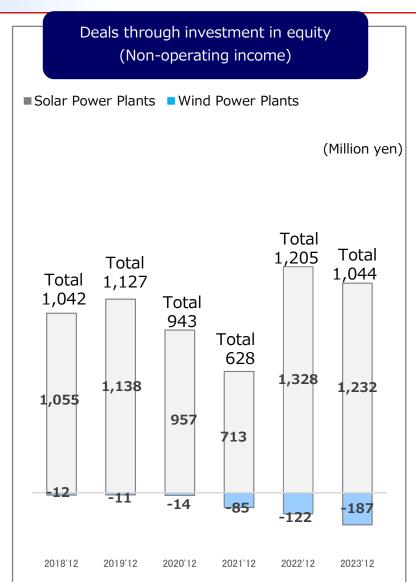




### Investment in Power Operations March 2024, 3rd quarter end









# Mid-term management plan

(Published on April 28,2020.)

# Numerical targets



Main theme

Establish a management foundation for sustainable growth  $\sim$ Realization of the three reforms $\sim$ 

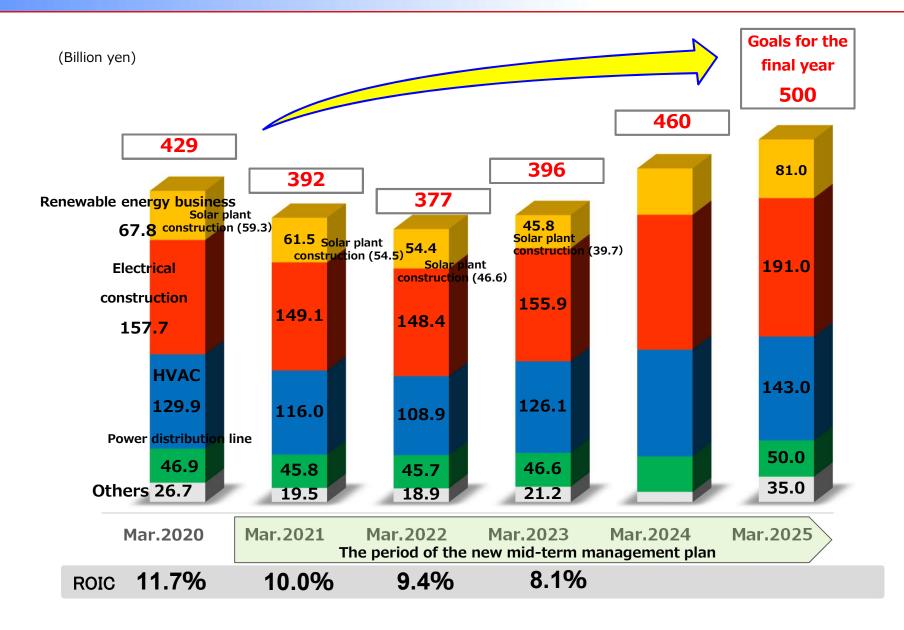
#### Numerical target

#### Final year (Mar.2025) (Breakdown of construction sales) 50 billion yen Power distribution line work **Sales** 500 billion yen 334 billion yen Electrical · HVAC work **Ordinary profit** Renewable Energy Business, etc. 81 billion yen **50** billion yen Over 10.0 % margin Other business 35 billion yen ROIC Over 10.0 %

\*\*ROIC is used as an accurate measure of a company's capital efficiency.

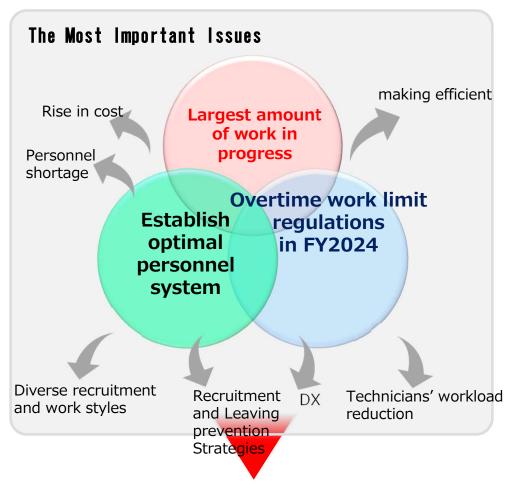
# Road map of sales plan





# Key measures for the fourth year (FY2023)





#### Themes for FY2023

**I** Improve Productivity for a New Era

(Acceleration of work style reform)

#### Strategies[Excerpt]

#### Practice Productivity Reform

- Achieve operational efficiency through DX
- Promote the plan for work style reform by the department.

# Promote human capital management

- Establish policies to accommodate diverse work styles
- Promote on-the-job training and check the effects
- Manage mental health care using the rate of engagement

#### Strengthen and expand orders

•Build strong community-based system

#### Develop new business areas

- Develop the renewable energy power generation business areas
- Expand business areas through energy conservation, creation, and storage
- Expand business ground through M&A and industry-academia collaboration

#### Promote Sustainability Management

- Develop environment-related business
- Execute environment-related capital investment plans

# Acceleration of Work Style Reform



■ In April 2023, "Work Style Reform Department" was established as an organization directed by the President.

(1)Based on the Workplace Reform Action Plan, scrutinize the contents of the implementation plans and manage some progress.

(2)Establish a support system for construction personnel belonging to sales offices.

(3)Plan and execute staffing some administrators to large job sites.

### < Work Style Reform Action Plan (excerpt) >

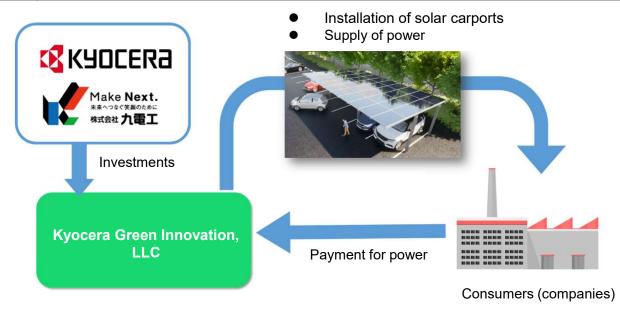
項目	対策		実施内容
Person	①Deploy staff to large job sites	①-1 Deploy technicians	<ul> <li>Deploy head office technical staff to branch offices ahead</li> <li>Deploy materials staff</li> <li>Deploy technical staff</li> <li>Deploy safety management staff</li> </ul>
nnel		①-2 Deploy administrators	<ul> <li>Deploy administrative staff from head and branch offices to large job sites</li> </ul>
Measur	handle small and medium-	<ul><li>②-1 Deploy technical staff</li><li>②-2 Deploy, train, and hire clerical employees</li></ul>	<ul> <li>Deploy clerical employees belonging to branch offices to technical work</li> <li>Switch clerical work in branch offices to temporary employees</li> </ul>
lres	③Revise the policy to secure personnel	<ul><li>③-1 Work location selection</li><li>③-2 Contract rehiring</li><li>③-3 Mid-career hiring</li></ul>	<ul><li>Establish area type: new scheme</li><li>Extend reemployment period</li><li>Ease hiring criteria</li></ul>
Work	④Transfer task	<ul><li>4-1 Transfer construction manager's tasks to other departments</li></ul>	<ul> <li>Safety (ex. Training, etc.)</li> <li>Sales (ex. receive order sheet, and issue invoices, etc.)</li> <li>Affairs (ex. manage materials, subcontracting, expenses, etc.)</li> </ul>
Improv	⑤Reduce workload	⑤-1 Engineer's workload ⑤-2 Administrator's workload	<ul> <li>Review business processes (ex. Preparing documents, etc.)</li> <li>Review the number of meetings and their members</li> <li>Review Kyudenko Academy's training programs (ex. enrich and streamline the contents)</li> <li>Review how engagement surveys should be conducted</li> </ul>
ement	⑥Improve productivity (ex. paperless, etc.)	⑥-1 Operational efficiency through DX	<ul> <li>Use electronic official seals and review payment process.</li> <li>Introduce and utilize P/L management system.</li> <li>Digitize construction project documents (including contracts with subcontractors)</li> </ul>

# KYOCERA GREEN INNOVATION, LLC



### Overview of KYOCERA GREEN INNOVATION, LLC

Name	KYOCERA GREEN INNOVATION, LLC	
Head Office	6 Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto Prefecture (at Kyocera's Head Office)	
Business	Renewable energy power generation	
Established	June 8, 2023	
Representatives	Kyocera Corporation Kyudenko Corporation	
Capital	¥50 million	
Ownership Stakes	Kyocera: 51% Kyudenko: 49%	
Roles	Roles Kyocera: Procurement of solar power equipment Kyudenko: Design, construction, and maintenance of renewable energy facilities	





# **Appendix**

# Corporate profile



Company name	Kyudenko Corporation
Established	December 1, 1944
Capital	¥ 12,561 million
Listed market Code	Prime Market of Tokyo Stock Exchange, Fukuoka Stock Exchange 1959
Head office	1-23-35 Nanokawa, Minamiku, Fukuoka city
Tokyo head office	Sunshine 60 3-1-1 Higashi-Ikebukuro, Toshima-ku, Tokyo
Bases	Head office, Tokyo head office, 13 branches in Japan, 109 sales offices, / 5 overseas subsidiaries
Approval for construction	Approved by Minister of Land, Infrastructure, Transport and Tourism (Sp. 29) No. 1659
Number of employees	Consolidated: 10,626persons (March 31, 2023)

# Actual results of recruitment of human resources (Kyudenko individual) and workforce planning



« Actual results of periodic recruitment of engineers and

skilled persons»

K	(IIIed persons≫								
		2007~ 2016	2017	2018	2019	2020	2021	2022	2023
	Total engineers and skilled persons	Around 200	344	384	342	336	387	306	259
	High school graduates	Around 150	248	271	253	253	263	225	187
	University graduates	Around 50	96	113	89	83	124	81	72

≪ Comparison in actual results of recruitment for April 2023 with other companies

	Kyudenko	Large electrical construction companies	Large HVAC companies	Super general constructors			
Total in all professions	292	330~420	70~90	210~350			
High school graduates	194	Around 240	Around 10	Around 10			
University graduates	98	90~190	70~90	200~330			

≪	Planned year-end workford	Mar. 2023	Mar. 2024	Mar. 2025	Increase or decrease in			
	Electrical work department	2,274	2,359	2,468	2,519	2,750	2,893	plan About+550
	HVAC work department	1,138	1,188	1,212	1,202	1,435	1,517	About+320
ł	Year-end workforce of electrical and HVAC	3,411	3,547	3,680	3,721	4,185	4,410	About+870
	Power distribution line department	1,642	1,566	1,519	1,471	1,641	1,666	About+50
	Other	1,446	1,469	1,508	1,516	1,397	1,408	
	Employees of single Kyudenko	6,500	6,582	6,707	6,708	7,223	7,484	About+900
	Employees of group	10,018	10,198	10,528	10,626		12,000	About+2,000

■ Total 8,600 employees in technical field of total 10,000

(Subsidiaries) (Kyudenko) Number of About 2,100 About 4,200 About 2,100 site technicians Number of About 3,200 About 1,200 About 4,400 + = construction managers

### Key measures



"Promotion of Environmental Management" was added as a new issue to be addressed. While incorporating environmental management and CSV management into our management strategy, we will adapt to an environment that is changing at an unprecedented pace.

#### Three reforms



### Reform of construction capability

- Strengthen hiring of engineers based on a long-term workforce plan
- •Reduce the turnover rate of young engineers by reviewing technical education
- · Establish a system to ensure the timely and optimal deployment of all technicians
- Review the construction management system by strengthening and utilizing the **Technology Management Department**
- Promote multifunctional workers



#### Reform of productivity

- •Review the company-wide and departmental training systems
- Achieve optimal personnel rotation for the entire company
- •Promote rationalization and labor saving through the use of cutting-edge technology and IT
- Realize business reforms



#### Reform of governance

Strengthen and thoroughly implement a governance system

#### **Issues continuing from the previous Mid-term Plan**

- Deepen measures to improve profit margins
- •Strengthen and expand the order base of the domestic facility work industry
- Strengthen the profitability of power distribution line work
- Develop new business areas
- Create an attractive workplace environment

#### New Issues to be addressed

- Promotion of Environmental Management
- Thorough management of progress in major projects
- ·Promote human capital management

### Basic Sustainability Policy



### **Basic Policy**

Based on the corporate philosophy, the Kyudenko Group will create a sustainable society and improve the corporate value of the Group by solving social issues through its business activities.

#### **■** Important issues (materialities)

	Social issues	Important issues (materialities)	SDGs	Orientation of measures
Environment (E)	Climate change Decarbonized society Energy	Contribute to the spread and expansion of clean energy  Contribute to energy conservation	12 months (12 months) (13 mm (	Promote energy creation related construction and projects (solar, wind, biomass, PPA, EMS, etc.)  Promote energy saving related construction (proposals for energy efficiency improvement (ES) construction, EV charging equipment, ZEB, energy saving equipment, etc.)
Ē		Kyudenko to achieve carbon neutrality by 2050		Respond to TCFD and reduce our own CO <sub>2</sub> emissions
	Diversity Labor practices Employment Human rights	Create an environment that embraces diverse values and maximizes individual capabilities	8 sizer and and 10 minutes 1 17 minutes 2 1 17 min	Promote diversity and inclusion, build diverse and flexible ways of working, and respect human rights
	Occupational safety and health	Create rewarding workplaces with safety as the highest priority	3 Marie and and a Marie and a	Eliminate critical disasters, promote health and productivity management, improve employee engagement
(3)	Education and training	Strengthen the overall human capacity (business performance, human capacity, creativity (thinking skills))	4 marin	Strengthen human resource development and build diverse career maps
Society (S)	Communities	Maintain and develop local infrastructure through stable supply of electricity and facility work, etc.	7 tolerando	Maintain and develop social infrastructure through existing businesses
ဟ	Disaster prevention	Use our technical capabilities to contribute to infrastructure development that is resistant to natural disasters	9 manual money	Disaster-resistant urban development, disaster recovery, support for areas affected by disasters, community contribution activities
	Innovation	Create new value through technical development and active collaboration	9 Materia macross	Create new business areas, improve productivity, promote investment in DX and technology development, promote open innovation, promote M&A
	Waste	Contribute to the formation of a circular society	12 SECONDA DE PROCESO	Promote 3R (reduce, reuse, recycle), promote green purchasing
Governance (G)	Organizational governance Anti-corruption Compliance Fair business practices Anti-competitive behavior	Implement fair and transparent business practices	16 ************************************	Enhance corporate governance, ensure compliance, implement information security management, strengthen risk management, ensure fair transactions in the supply chain

### Efforts to Achieve Carbon Neutrality



#### **Medium- and Long-term Objectives for Environmental Management**

**2030 :** Reduce CO2 emissions intensity per sales of completed construction by at least 50% (compared to 2013)

**2050**: Achieve carbon neutrality

[Action items toward achieving these goals]

•Introduction of EMS into Kyudenko Academy •Environmentally friendly capital investment in equipment related to office buildings

•Deployment of EVs and chargers (special vehicles for construction that cannot be replaced are not eligible)

·Utilization of graduate feed-in tariffs (FITs) (assets at the end of project period)

·R&D through industry-academia collaboration

#### CO2 emissions volume

	Unit	FY2013(1)	FY2019	FY2020	FY2021	FY2022(2)	(2) - (1)	FY2030
Scope 1	t-CO2	9,059	7,670	6,816	6,947	7,454	<b>▲</b> 1,605	-
Scope 2	t-CO2	5,677	5,094	5,163	5,262	6,080	+403	-
(yudenko (non- nsolidated) / total	t-CO2	14,736	12,764	11,979	12,209	13,534	▲1,202	-
Net sales	100 million yen	2,597	3,651	3,374	3,226	3,330	+733	-
Intensity	t-CO2/100 million yen	5.67	3.50	3.55	3.78	4.06	▲1.61	2.83
ensity unit reduction ate (compared with FY2013)	%	_	▲38.2%	▲37.3%	▲33.3%	▲28.3%	-	<b>▲</b> 50%

Scope1: Direct greenhouse gas (GHG) emissions generated by business activities

Intensity: (Scope 1 + Scope 2) / Kyudenko's non-consolidated net

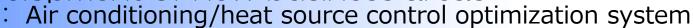
Scope2: Indirect emissions resulting from the use of electricity, heat, and steam supplied by external entities

sales (t-CO2/100 million yen)

Scope3: Indirect emissions other than Scope 1 and Scope 2 (emissions by other companies related to the activities of the Company)

\*The Company will work to expand the scope, including Scope 3

### Development of new business areas





デジタルツインAI技術

GRID

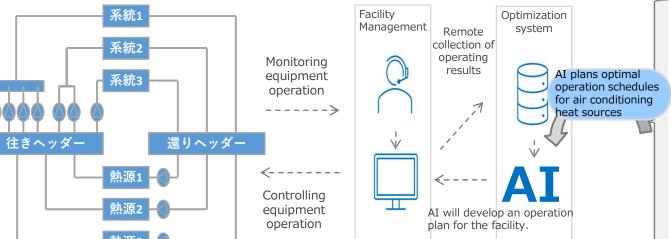
### 

- · Jointly developed with Grid Corporation, a company with proprietary cutting-edge AI technology, as a project partner
- An automatic operation system that calculates parameters and performs optimally to conserve energy and reduce CO2 by using AI, which is to analyze and learn operational data of air conditioning and heat sources. (AI plans optimal operation schedules for air conditioning heat sources)
- Simulated the performance for multiple large-scale facilities (scheduled to be introduced to a demonstration test at a facility in FY2022)

Support for the introduction of services that can be utilized in various facilities with central heat source systems

It can be installed in a variety of heat source configurations for various building applications to automate and optimize operations.

Provides operation results and operation plans remotely



#### 01\_Prerequisite information on air conditioning control

Predicts air conditioning heat load by time of day by system based on weather conditions and past operational results

#### 02\_Input of operation plan conditions

Depending on the input based on the heat source load factor, the heat rate, temperature, flow rate, pressure, etc. Reproduces operation while taking physical factors into account

#### 03\_Data output after execution of operation plan

Data output of planned values such as energy costs and CO2 emissions as well as target values for flow and pressure when executing the entered operation plan

#### 04\_Optimal operation planning

Over/Under Heat Generation and Cost and CO2 Savings Planning of operation plan for optimization with evaluation function.

### **Promoting Diversity**



#### **Basic Policy on Diversity Promotion**

Based on our Corporate Philosophy and Charter of Corporate Behavior, we believe that our greatest management resource is our human resources. By respecting and utilizing diversity as a strength of our organization, we aim to create new value and enhance our competitiveness. We are committed to promoting diversity by setting the following goals. Through these efforts, we will contribute to the achievement of the SDGs (Sustainable Development Goals).

#### **Corporate Philosophy**

- 1. We contribute to society through providing agreeable environmental solution.
- 2.We keep challenging for sustainable development through our engineering strength and create a new value.
- 3.We aim to create mutual respecting environment in Kyudenko which utilize and develop employees' personality.

#### **Charter of Corporate Behavior**

1. · · · · · · ·

4. By realizing employee comfort and affluence, we will ensure a safe, easy-to-work-in, and open workplace environment, and create a bright and energetic corporate culture that respects the personality, individuality, and diversity of our employees.

10. • • • • • •

#### **Basic Policy on Diversity Promotion**



#### What we aim for

- **1.We** will create a corporate culture that respects and utilizes diversity. We will create a corporate culture that respects and recognizes diversity in terms of gender, age, disability, race, ability, values, sexual minorities, etc., and maximizes its use as an organizational strength.
- **2.Fostering diverse human resources and promoting their activities.**We will promote the hiring, training, and promotion of diverse human resources, and support diverse career development and skills development.
- 3.We will create an attractive work environment that is rewarding and challenging.

We will strive to improve engagement by creating a workplace environment in which employees want to work and continue to work, including an environment in which each employee can maximize his or her abilities and in which diverse and flexible work styles are possible.

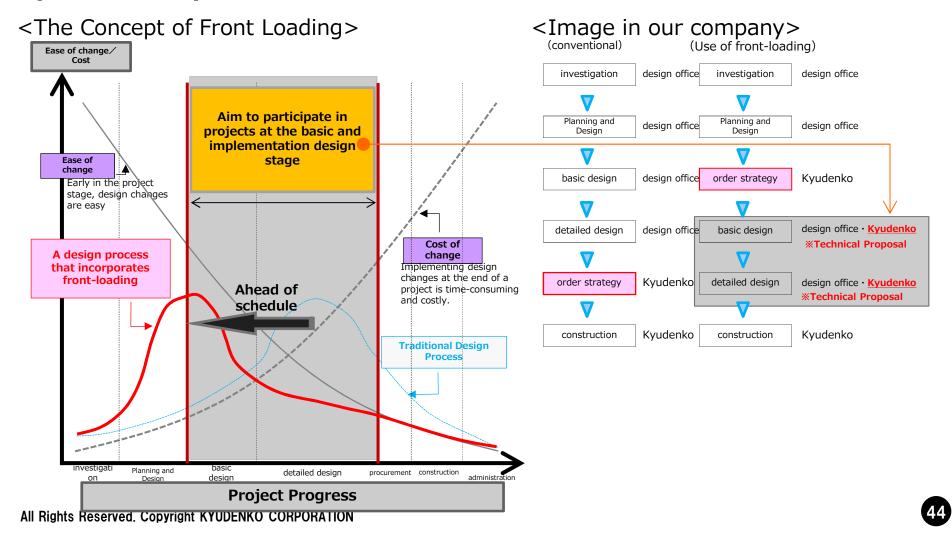
### Front-loading initiatives



### Benefits of being involved from the design stage

- [Design Phase] Design changes can be made from the initial design stage

  (Effective suggestions and cost savings can be anticipated.)
- [Contract Stage] Orders can be received with cost savings factored in
- [Construction Phase] It allows for a smooth handover to the field



## Specific measures to improve the profit margin (excerpt)



Factor		Measures
	A. Forecasting the busyness peak of construction	• Forecasting the peak of busyness in the whole construction period, make an input plan for workers early and start the arrangement. Review the plan in a timely manner and make adjustments throughout the company.
1 .Cost increase caused by exceeding the planned labor and material cost	B. Measures for increase of construction cooperation companies' labor costs.	<ul> <li>Close relationships with construction cooperation companies planned order and allocate appropriate personnel, suppress labor costs increase.</li> <li>(Branch executives present annual order amount, and exchange information with cooperation companies directly.)</li> </ul>
after receiving an order.	C. Establishment of team supporting construction.	• Establishment of a team specialized for supporting construction by employee technicians.
	D. Material ordering linked to design change and further utilization of "Q-mast" which affiliated company specialized for purchasing material.	• Technical department check whether each branch and affiliated company uses Q-mast for purchasing materials, in cooperation with "Q-mast". When utilization does not advance, technical department and Q-mast investigate the cause and solve.
	E. Approach to "Front Loading"	• Make design changes possible based on budget by building a good relationship with design office.
2.Cost increase due to the compression of facility construction process caused	F. Sales representative's help to construction site after construction starts.	• For additional work, the sales representative and the construction manager cooperate, and before starting construction, be sure to submit each estimate and negotiate the price
by building construction delay.	G. Dealing to delays in the progress of building construction work	• Confirming the delay in building construction work process would be happen at the first construction study meeting after receiving an order, and teaching the method which make the facility construction possible in advance of building construction.

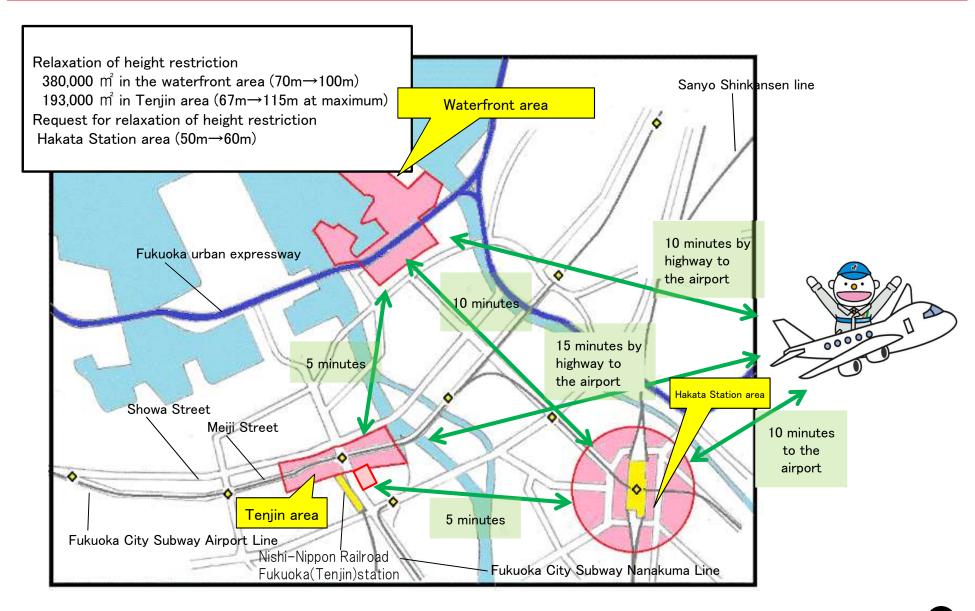
### Details of diverse business models (facility work)



business model item	(A) Proposal and original	Sub-contract type	© Capital participation type
① Feature	<ul> <li>Mainly small- and med-</li> <li>sized deals</li> <li>Order directly from the owner</li> <li>Subcontractor of a general</li> </ul>		<ul> <li>Capital participation in a project         of collaboration with different         industries, and receiving an order         for construction</li> <li>Construction profit + Business         profit according to the amount of         investment</li> </ul>
② Business	Mainly Kyushu	Urban areas such as Kanto and Kansai	
(2) Business area	To Kanto and Kansai by M & A	Fukuoka urban area Business area expansion to the whole country	Nationwide development
3 Sales	Sales by project are small	Sales by project are large	Sales by project are large
4 Profit rate	Relatively higher (Order directly from the owner)	Relatively lower (Mainly subcontracted)	Different for each project
⑤ Differentiation strategy	'	Overwhelming ability to collect workforce and ability of direct construction	By participating from the project planning stage, we definitely receive an order for construction
6 Rival	Local small and medium- sized enterprises	Major competitors	General contractor and developer
<ul><li>Composition ratio</li></ul>	about 4 0 %	about 5 0 %	about 1 0 %

# (Positional relationship) Fukuoka Waterfront Next, Tenjin Big Bang, Hakata Connected





# (Project contents) Fukuoka Waterfront Next, Tenjin Big Bang, Hakata Connected



Project	Purpose	Period and scale
①Tenjin Big Bang	<ul> <li>By promoting the redevelopment of the Tenjin area, which is the center of Fukuoka, enhance the role and function as a hub city in Asia and create jobs</li> </ul>	<ul> <li>Through 2026</li> <li>About 193,000m of about 500m in radius from Tenjin intersection</li> <li>Total floor area About 800,000m</li> <li>Reconstruction of buildings in Tenjin area (30 buildings)</li> </ul>
②Fukuoka Waterfront Next	<ul> <li>Create bustle around Hakata Port, the gateway to Kyushu</li> <li>Improved urban functions to meet MICE and cruise demand</li> </ul>	<ul> <li>Over 10-20 years</li> <li>Cruise terminal, MICE, commercial facilities, hotels</li> <li>**Policy to scale back due to COVIT-19</li> </ul>
③Hakata Connected	<ul> <li>Connect the vitality and bustle of Hakata Station, the gateway to Kyushu, to the surrounding area.</li> </ul>	<ul> <li>Through 2028</li> <li>About 800,000m of about 500m in radius from Hakata Station</li> <li>Reconstruction of buildings around Hakata Station (20 buildings)</li> </ul>