

KYUDENKO CORPORATION FY ending March 2020 2nd Quarter Results briefing

Nov. 12th ,2019

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Overview of business results

High lights



Sales

¥195,870 million 2nd-on-2nd 118.6%

Operating profit

¥13,820 million 2nd-on-2nd 127.0%

Orders

 $$\pm 194,086$ million 2nd-on-2nd 89.4%

Outline of P/L March 2020, 2nd quarter



(Million yen)

	March 2019,	Marcl	n 2020, 2Q	
	2Q Result	Result	Increase /decrease	2nd-on-2nd
Sales	165,111 (100.0%)	195,870 (100.0%)	+30,759	118.6%
Gross profit	23,033 (14.0%)	26,324 (13.4%)	+3,291	114.3%
Operating profit	10,886 (6.6%)	13,820 (7.1%)	+2,934	127.0%
Ordinary profit	12,428 (7.5%)	15,179 (7.7%)	+2,750	122.1%
Net profit	8,013 (4.9%)	10,471 (5.3%)	+2,458	130.7%
Net profit per share	¥112.64	¥147.47	-	-

Factors of change in OP



+2.3

Operating

profit in

March, 2020

2Q end

: Increase 20 : Decrease (Billion Yen) Ε 15 +3.7**▲2.1 Operating profit** Sales Depression of increased in in March, 2019 +0.2electrical & HVAC & solar gross profit 2Q end (revised) ratió in Other business electrical & plant 11.5 **HVAC & solar** 13.8 construction B plant construction +1.0***+0.6 ▲**0.6 (2Q-on-2Q)+0.1(=1.6-0.6)

10.9

10

5

Operating profit in March, 2019 2Q end

%Power distribution line work

Bonus

increase

Amount to be paid retroactively

Decrease of other fixed

cost

(overhead

cost) in

SG&A, Gross

• The unit price for power distribution line work in fiscal 2018 was revised in January 2019.

Power distribution

line work

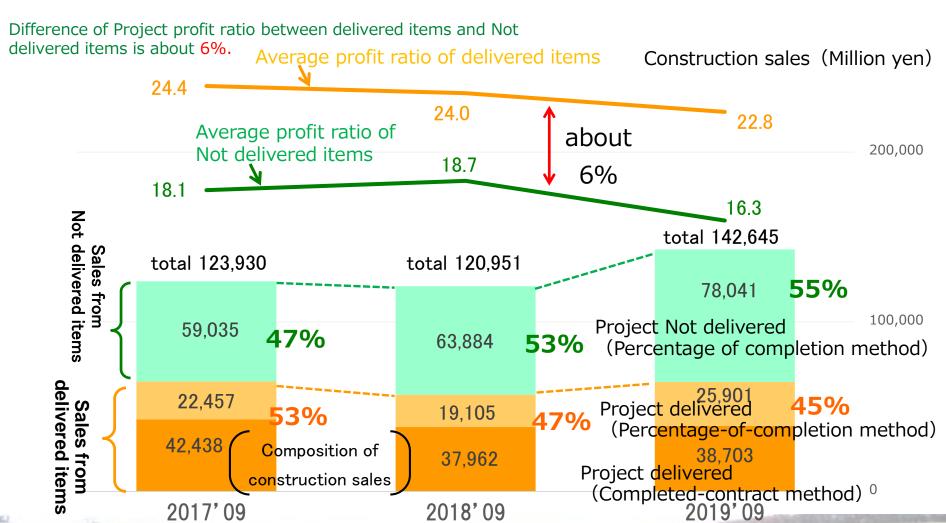
- That caused some amount to be paid retroactively from April, 2018
- It has amounted 0.6 billion yen from April to September.

Factor of gross profit ratio depression Breakdown of construction sales(1)





Whole construction sales increased 21.6billion yen.
Sales from projects delivered increased 7.5billion yen.
Sales from projects Not delivered increased 14.1billion yen.



Factor of gross profit ratio depression Breakdown of construction sales(2)

(Kyudenko individual: excluding power distribution line work)



(Million yen)

2017'09

Method of recognizing revenue		sales	profit	Profit ratio	Composition of sales
Percentage -of-	Not delivered	59,035	10,704	18.1%	47.7%
completion	Delivered	22,457	5,782	25.8%	18.1%
	Total(percentage-of -completion)		16,486	20.2%	65.8%
Total(completed- contract)		42,438	10,047	23.7%	34.2%
Total		123,930	26,533	21.4%	100.0%

2010/00

2019'09							
Method of recognizing revenue		sales	profit	Profit ratio	Composition of sales		
Percentage Not delivered		78,041	12,720	16.3%	54.7%		
completion	Delivered	25,901	4,866	18.8%	18.2%		
	Total(percentage-of -completion)		17,586	16.9%	72.9%		
Total(completed- contract)		38,703	9,883	25.6%	27.1%		
Total		142,645	27,469	19.3%	100.0%		

2018'09

101005							
Method of recognizing revenue		sales	profit	Profit ratio	Composition of sales		
Percentage -of-	Not delivered	63,884	11,938	18.7%	52.8%		
completion	Delivered	19,105	4,303	22.5%	15.8%		
Total(percentage-of -completion)		82,989	16,241	19.6%	68.6%		
Total(completed- contract)		37,962	9,368	24.7%	31.4%		
Total		120,951	25,609	21.2%	100.0%		

2019'09 - 2018'09

	Method of recognizing revenue		SAIRS DEOLIE		Composition of sales
Percentage	Not delivered	14,157	782	-2.4%	1.9%
completion	Delivered	6,796	563	-3.7%	2.4%
Total(perconpl	•	20,953	1,345	-2.7%	4.3%
•	Total(completed- contract)		515	0.9%	-4.3%
Total		21,694	1,860	-1.9%	-

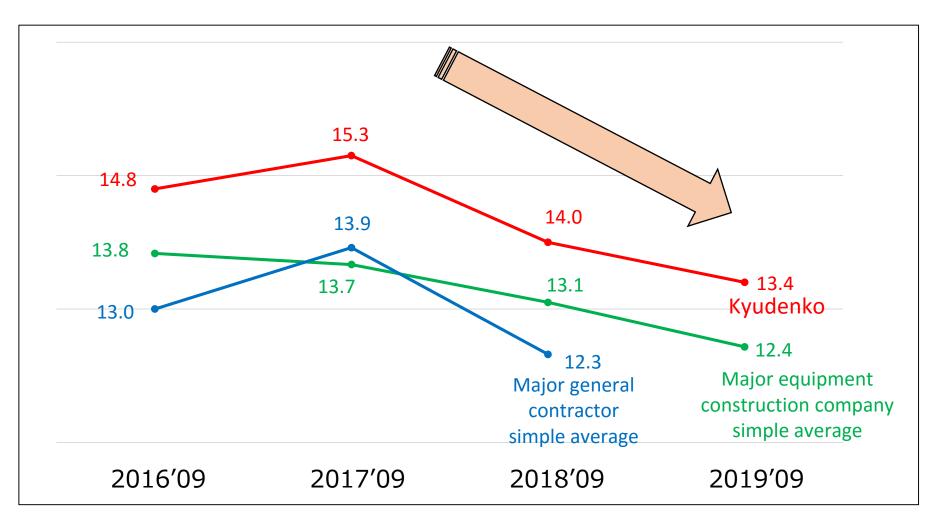
Reasons for decline in profit ratio for each project and measures (excerpt)



	Factor		Measures
	Factor		
		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.
by e labo	1 .Cost increase caused by exceeding the planned labor and material cost	B. Measures for increase of construction cooperation companies' labor costs.	 Close relationships with construction cooperation companies planned order and allocate appropriate personnel, suppress labor costs increase. (Branch executives present annual order amount, and exchange information with cooperation companies directly.)
	after receiving an order.	C. Establishment of team supporting construction. D. Material ordering linked to design change and further utilization of "Q-mast" which affiliated company specialized for purchasing material.	 Establishment of a team specialized for supporting construction by employee technicians. 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	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.

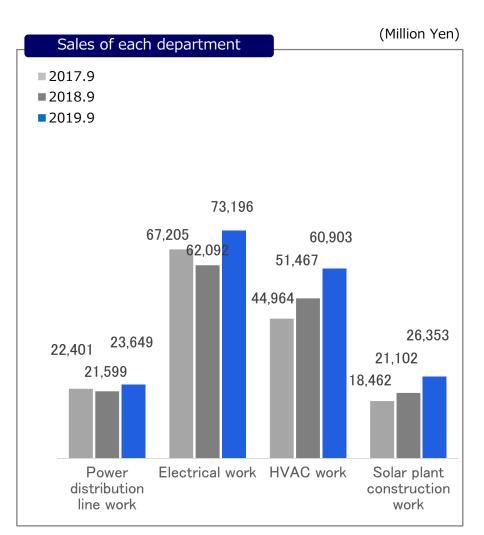
Equipment construction company • General contractor Gross profit margin transition

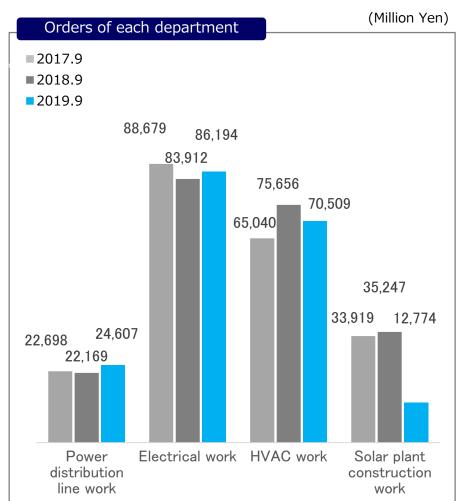




Order received / Sales by department Sep. 2019

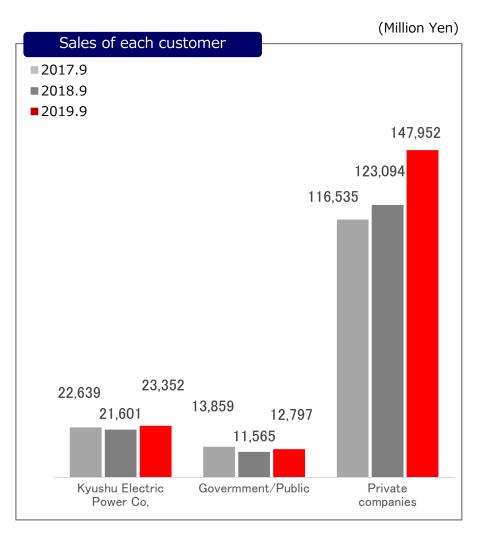


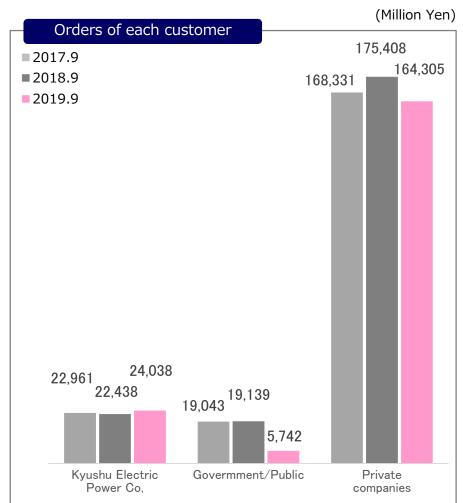




Order received / Sales by customer Sep. 2019

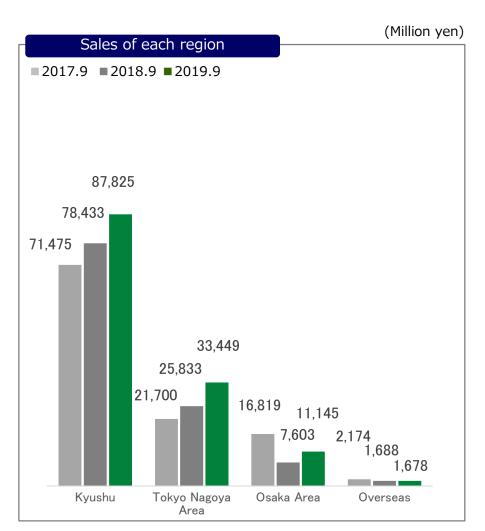


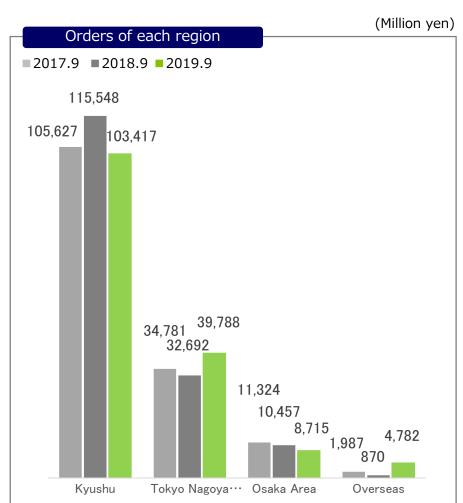




Order received / Sales by region Sep. 2019 (Electrical & HVAC work excluding Solar plant construction work)

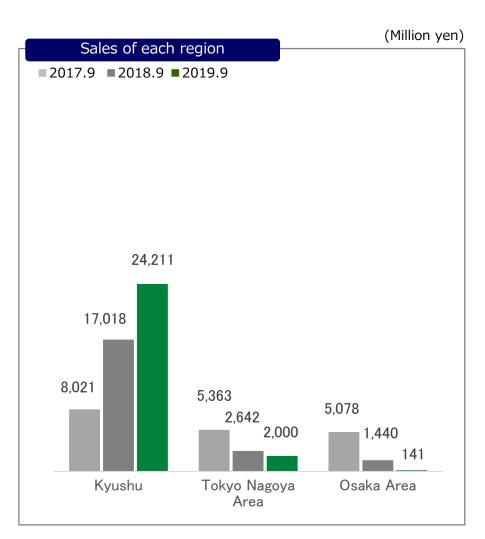


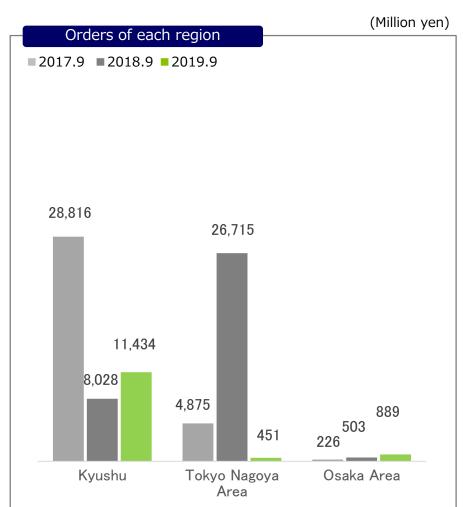




Order received / Sales by region Sep. 2019 (Solar plant construction work)

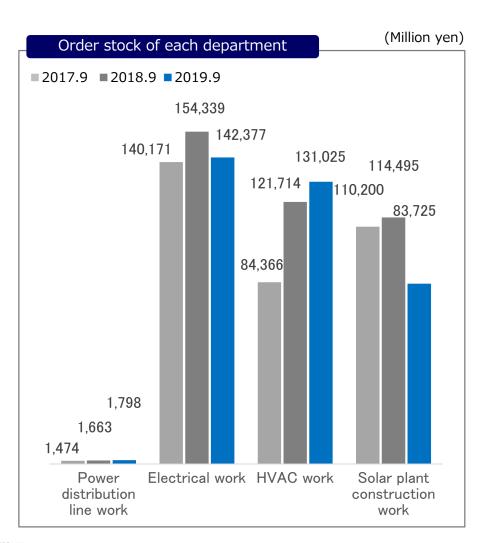






Situation of works on hand Sep. 2019





New orders in FY ended Sep. 2019



Actual results of works Sep. 2019





Outline of balance sheet



(Million Yen, composition ratio)

	End of Mar. 2019	End of Sep. 2019	Increase /decrease	Main factors behind increase/decrease
Current assets	206,268 (57.7%)	184,761 (55.1%)	▲ 21,507	Trade notes and accounts receivable ▲23,313
Fixed assets	151,002 (42.3%)	150,700 (44.9%)	▲302	
Total assets	357,271 (100.0%)	335,461 (100.0%)	▲21,810	
Current liabilities	142,144 (39.8%)	118,823 (35.4%)	▲23,321	Trade notes and accounts payable ▲23,540
Fixed liabilities	32,949 (9.2%)	29,457 (8.8%)	▲3,492	Net defined benefit liability ▲2,709
Total liabilities	175,094 (49.0%)	148,281 (44.2%)	▲26,813	
Total net assets	182,176 (51.0%)	187,179 (55.8%)	5,003	Retained earnings +6,011
Total liabilities and net assets	357,271 (100.0%)	335,461 (100.0%)	▲21,810	

Outline of C/F



(Million Yen)

(Million Yen)						
	Sep. 2018	Sep. 2019	Details of statement to Sep. 2019			
Cash flow from operating activities	8,771	5,318	Income before income taxes and minority interests +15,102 Decrease in trade notes and accounts receivable +23,286 Decrease in trade notes and accounts payable ▲26,507			
Cash flow from investment activities	▲7,812	▲ 5,729	Purchase of investment securities ▲2,669 Purchase of property, plant and equipment ▲2,232			
Free cash flow	958	▲ 410				
Cash flow by financial activities	▲3,942	▲ 6,090	Cash dividends paid ▲3,557 Repayments of long-term loans payable ▲1,064			
Increase/decrease of cash and cash equivalents	▲3,035	▲ 6,592				
Cash and cash equivalents at the beginning of the period	34,505	40,192				
Cash and cash equivalents at the end of the period	31,469	33,600				

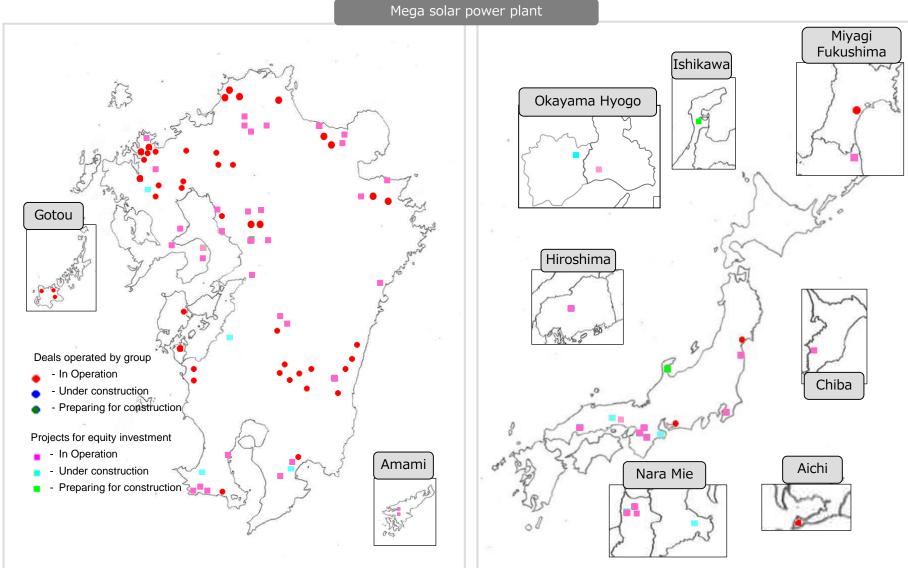
Capital Investment



	End of Mar. 2019	End of Sep. 2019	
Capital investment	4.3 billion yen	1.8 billion yen	
	3.7 billion yen	1.7 billion yen	
Fo oility work	Replacement of branches, business offices and sanatorium of Kyudenko	Replacement of branches , business offices and sanatorium of Kyudenko	
Facility work	Machinery and equipment, etc. for constructions	Machinery and equipment, etc. for constructions	
	Lease contracts on specialized vehicles for construction	Lease contracts on specialized vehicles for construction	
	0.6 billion yen	0.1 billion yen	
Others	Solar power plant facilities etc.	Software etc.	
Depreciation	6.0 billion yen	2.8 billion yen	

Investment in Power Operations (Solar Power Plants)





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

Deals through investment in equity

(acquire investment securities and record an amount equal to the equity to nonoperating revenues)

Depreciated at the straight line method

	Number of power plants	Generation capacity (the entire operation)	Generation capacity (that equal to the equity)		Number of power plants	Generation capacity (the entire operation)	Generation capacity (that equal to the equity)
In operation	49	92MW	87MW	In operation	43	371MW	117MW
Under construction	_	-	-	Under construction	6	277MW	76MW
Plan	-	-	-	Plan	1	50MW	15MW
Total	49	92MW	87MW	Total	52	698MW	208MW

2.0 to 2.4 billion yen at its maximum

1.8 to 2.0 billion yen at its maximum

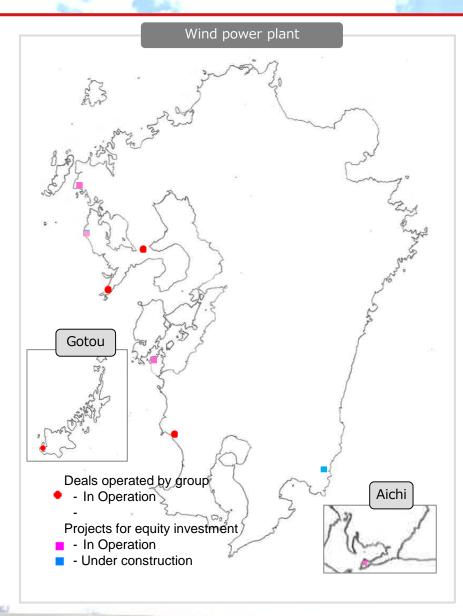
In the current fiscal year , the suppression of solar power's output was implemented by KEP from April to May . (Total 30 days)

Impacts Instruction to stop a total of 745 power station out of 86 power station in a whole Loss of profit might be 198 million yen.(assumption)

%Projects in above table are old regulation (suppression is up to 30 days rule).
Business plans with 8% suppression instructions incorporated

Investment in Power Operations (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	38MW	38MW
Under construction	-	-	-
Plan	-	-	-
Total	5	38MW	38MW

Deals through investment in equity

(acquire investment securities and record an amount equal to the equity to non-operating 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	4	80MW	18MW
Under construction	1	65MW	32MW
Plan	-	-	-
Total	5	145MW	50MW



Plan for fiscal year

Plan for March 2020



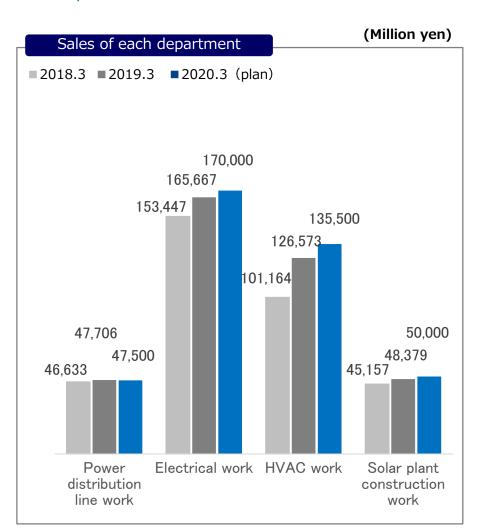
(Million yen)

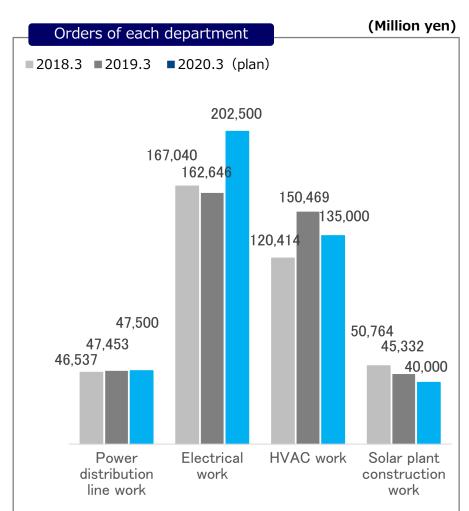
	March 2019	Plan for March 2020			
	Result	March 2020	Year-on-Year	2Q Result	Progress
Sales	408,143 (100.0%)	418,000 (100.0%)	102.4%	195,870 (100.0%)	46.9%
Gross profit	60,561 (14.8%)	62,700 (15.0%)	103.5%	26,324 (13.4%)	42.0%
Operating profit	36,747 (9.0%)	38,000 (9.1%)	103.4%	13,820 (7.1%)	36.4%
Ordinary profit	39 , 924 (9.8%)	40,700 (9.7%)	101.9%	15,179 (7.7%)	37.3%
Current (quarter) net profit	26,691 (6.5%)	27,200 (6.5%)	101.9%	10,471 (5.3%)	38.5%
Current net profit per stock	¥375.17		¥382.31		¥147.47
Dividends	100円 Interim ¥50				¥100 Interim ¥50

Orders & Sales plan by department



Order plans are biased toward the second half of electrical.





Power distribution work



Present condition

- Four of Kyushu Electric's nuclear power plants are scheduled for periodic inspections, but have been in operation since the beginning of the period.
- Compared to the previous first half, work efficiency improved in the first half because orders were made with the work volume leveled.



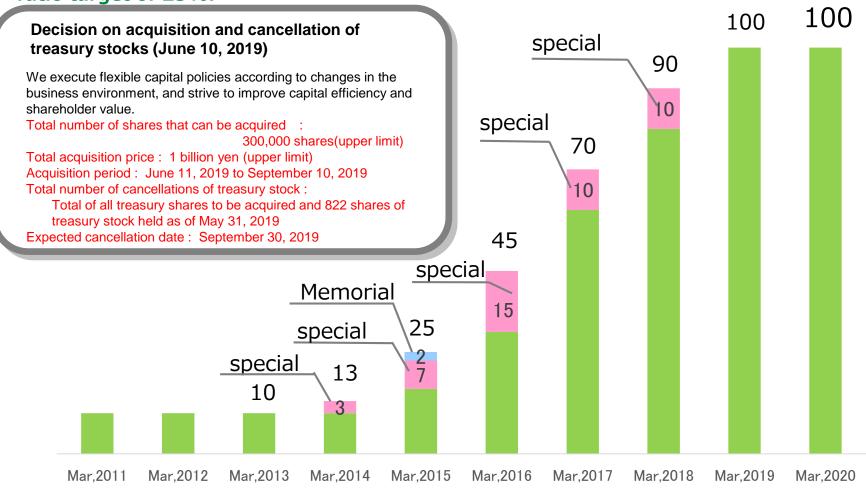
Tasks and actions

- A cost cut by our technology development and efficiency is important, for Electricity Systems Reform , we improve the profitability by cost competitiveness having high transparency.
- We pursuit an appropriate profit rate appropriate to the capital cost for the maintenance of the distribution network, the security of the personnel required who can cope at a peak, the investment that is necessary for correspondence in emergency.

Trend of dividends



With regard to dividends for the fiscal year ending March 2020, we plan to pay an annual dividend of ¥ 100 per share, based on a consolidated payout ratio target of 25%.



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



≪ Actual results of periodic recruitment of engineers and skilled persons

2007~2014 2016 2017 2018 2015 2019 Total ngineers and 241 262 344 384 342 Around 200 skilled persons High 163 177 248 271 253 school Around 150 graduates University 96 78 85 113 89 Around 50 graduates

101 April 2019 with other companies//				
	Kyudenko	Large electrical construction companies	Large HVAC companies	Super general constructors
Total in all professions	362	320~330	60~90	250~330
High school graduates	253	Around 190	Around 10	Around 10
University graduates	109	130~140	60~80	250~320

≪ Planned year-end workforce until FY2020 March
≫

« I laillied year ella woll	a Flammed year end workforce drifti i 12020 March					
	Mach 2016	Mach 2017	Mach 2018	Mach 2019	Mach 2020	Increase or decrease in plan
Electrical work department	1,728	1,826	2,090	2,203	2,228	About +500
HVAC work department	921	990	1,052	1,107	1,160	About +240
Year-end workforce of electrical and HVAC	2,649	2,816	3,142	3,310	3,388	About +740
Power distribution line department	1,869	1,816	1,741	1,669	1,647	About ▲220
Other	1,394	1,408	1,418	1,420	1,433	About +40
Employees of single Kyudenko	5,912	6,040	6,301	6,399	6,468	About +560
Employees of group	8,976	9,287	9,843	9,954	10,000	About +1,000

Total 8,100 employees in technical field of total 9,900.

(Kyudenko) (Subsidiaries) Number of About 2,000 About 4,100 About 2,100 + site technicians Number of About 3,000 About 1,000 About 4,000 + construction = All Rights Reserved. Copyright NTUDENNU CURPURATION



Mid-term management plan growth strategy

Numerical target



« Main theme »

Challenge to a Further Growth

~To the next growth stage ~

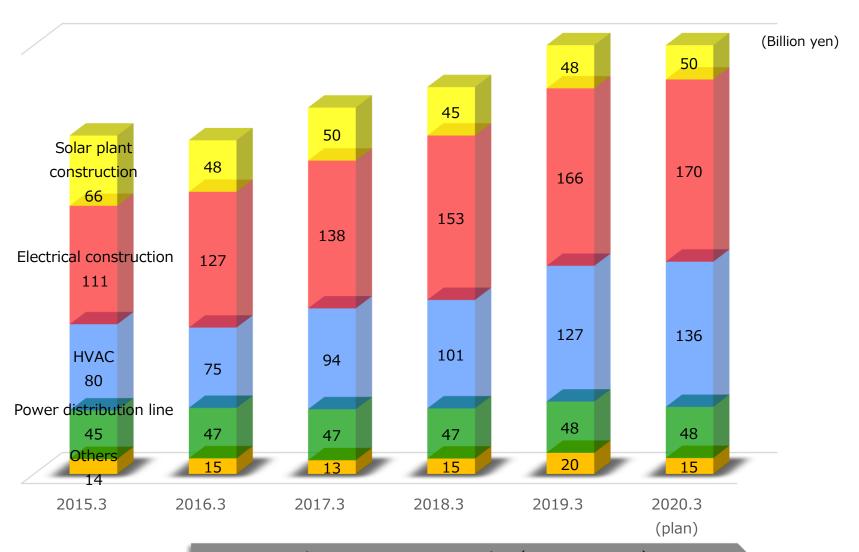
(Results in March 2019)

« Numerical target at March 31, 2020»

Sales	400 BillionYen	408 BillionYen
Gross Profit Ratio	Over _%	14.8 %
Operating Profit Ratio	Over _%	9.0 %
ROE	Over % 14	15.6 %

Road map of sales plan





Medium-term management plan (2016.3 \sim 2020.3)

Review of present mid-term management plan



*Figures are from internal management materials

Tokyo headquarters result	FY2018 result	Increase or decrease from FY2014
Sales	74.8B Yen	+41.4B Yen
Group companies	16. 2B Yen	+15.2B Yen
Number of engineers and technicians	756 ppl	+391 ppl
Group companies	223 ppl	+154 ppl

Kyudenko (Individual)			FY2018 result	Increase or decrease from FY2014
	Design	Electrical	93. 5%	+13.5%
Order probability	project	HVAC	94. 1%	+18.5%
	Estimates	Electrical	50. 9%	+18.8%
	project	HVAC	63. 1%	+29.3%
project profit		Electrical	20. 3%	+2.5%
		HVAC	17. 2%	+3.7%

Number of engineers and technicians	FY2018 result	Increase or decrease from FY2014
Kyudenko(individual)	3,310 ppl	+785 ppl
Group companies	1,572 ppl	+402 pp1
M&A	220 ppl	+220 ppl
Total	4,882 ppl	+1,187 ppl

*Engineers and technicians dedicated to domestic electrical and HVAC

(excluding power distribution line and other business)

- •Established a sales office in Tokyo.
- Reinforcement of Yokohama and Nagoya sales offices
- Shift construction personnel to Tokyo headquarters
- •Strengthening construction capabilities using M & A *Ergotech co., Shoeidensetsu co. etc
- •Company-wide horizontal deployment of experience and know-how through thorough cost control and personnel rotation in the technical management department
- •Reduction of material costs (new establishment of Q-mast)
- •Transfer of Quatec co employees to improve our design and design change capabilities
- •Introduction of QC method
- •Increase in new graduate recruitment
- •Extended employment period for engineers (up to 67 years)
- •Utilization of mid-career recruitment and M & A

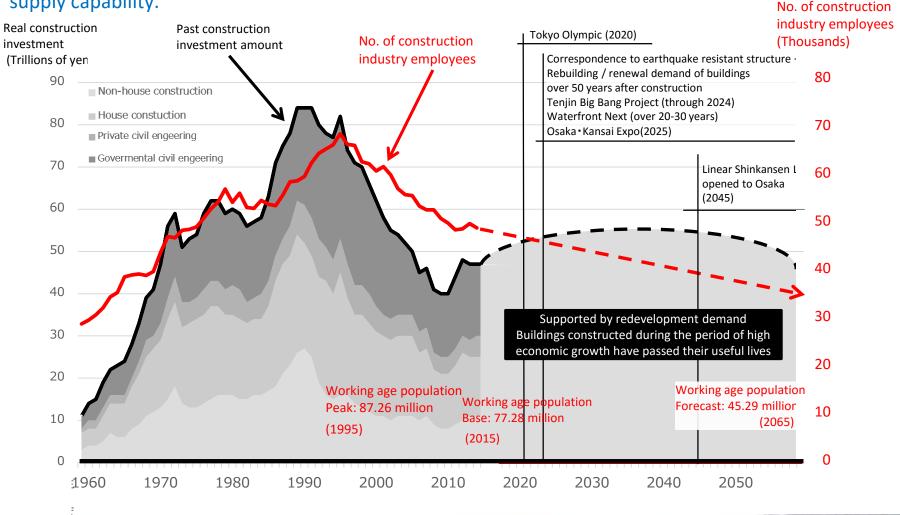
Environmental prediction surrounding Kyudenko



Large-scale projects in metropolitan areas and local Fukuoka will support construction demand.

The labor shortage will accelerate with the decline in the working age population, with a rapid falloff in supply capability.

No of construction



Recurrence prevention measures



KYUDENKO Group has formed an investigation committee, which includes outside directors and lawyers, and thoroughly investigated the causes, such as the opportunities and the motivation for the fraud. The recurrence prevention measure based on this survey is as follows.

Scandal farewell declaration

[KYUDENKO Group will comply with law thoroughly in all business activities]

- 1. Enhance compliance awareness
- (1) Reform Employee's awareness aiming at creating a corporate culture to point out scandal
- (2) Reeducate compliance thoroughly
- (3) Formulate and disseminate "salespersons action guidelines" thoroughly
- (4) Raise awareness for the prevention of scandal
- 2. Enhance in-house check function
- (1) Thorough scrutiny of costs
- (2) Thorough new personnel and evaluation system
- (3) Enhancement of check function in business processing
- (4) Verification enhancement by system

- 3. Review of outsourcing order scheme
- (1) We thoroughly pursue a scheme to avoid scandal in outsourcing orders.
- (2) Verification enhancement of the validity of the outsourcing order amount
- (3) Enhancement of scandal monitoring function for construction orders
- 4. Thorough prevention of scandal to outsourcing companies
- (1) Cooperation request for prevention of scandal to outsourcing companies
- (2) Review the items of the contract with the outsourcing company
- 5. Enhancement of reporting system and stricter internal disposal
- (1) Common knowledge and completion of the reporting system
- (2) Stricter internal disposal



Appendix

Corporate profile



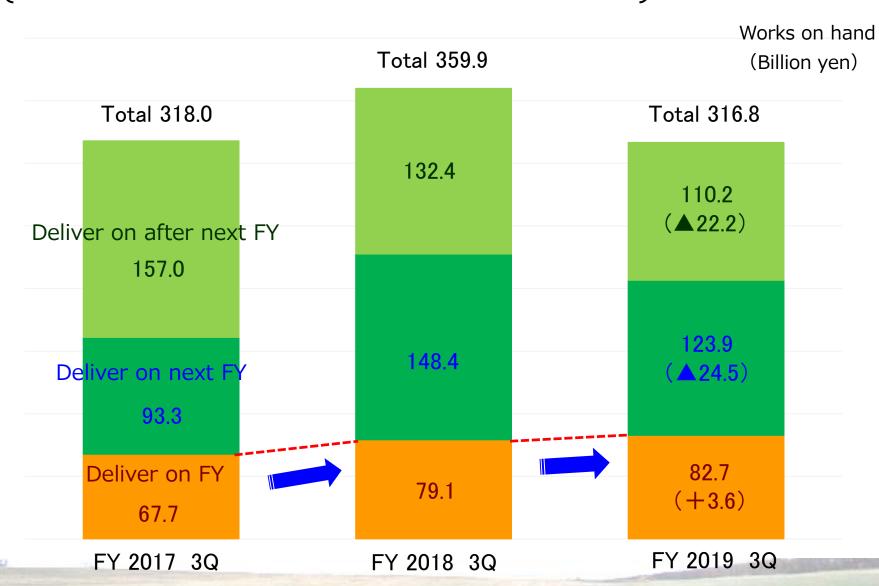
Company name	Kyudenko Corporation
Established	December 1, 1944
Capital	¥ 12,561 million
Listed market Code	1st Section of Tokyo Stock Exchange, Fukuoka Stock Exchange 1959
Head office	1-23-35 Nanokawa, Minamiku, Fukuoka city
Tokyo head office	Sunshine 60 3-1-1 Higashi-Ikebukuro, Toshima-ku, Tokyo
Bases	Head office, Tokyo head office, 10 branches in Japan, 120 sales offices, / 5 overseas subsidiaries
Approval for construction	Approved by Minister of Land, Infrastructure, Transport and Tourism (Sp. 24) No. 1659
Number of employees	Consolidated: 9,954 persons (March 31, 2019)

Appendix(2)

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



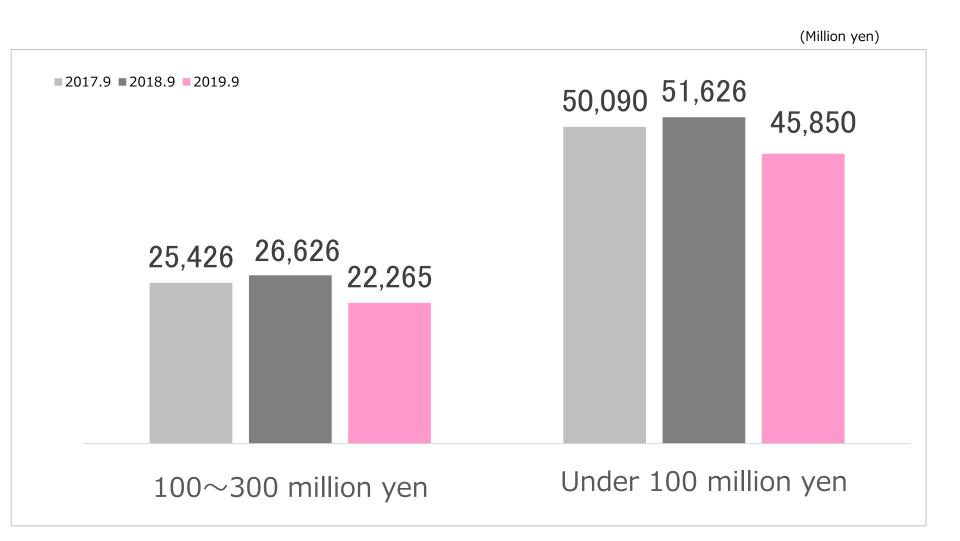
Third quarter opening construction works on hand by delivery schedule timing



Analysis by scale of order



(Kyudenko individual: excluding power distribution work)



Appendix(4)

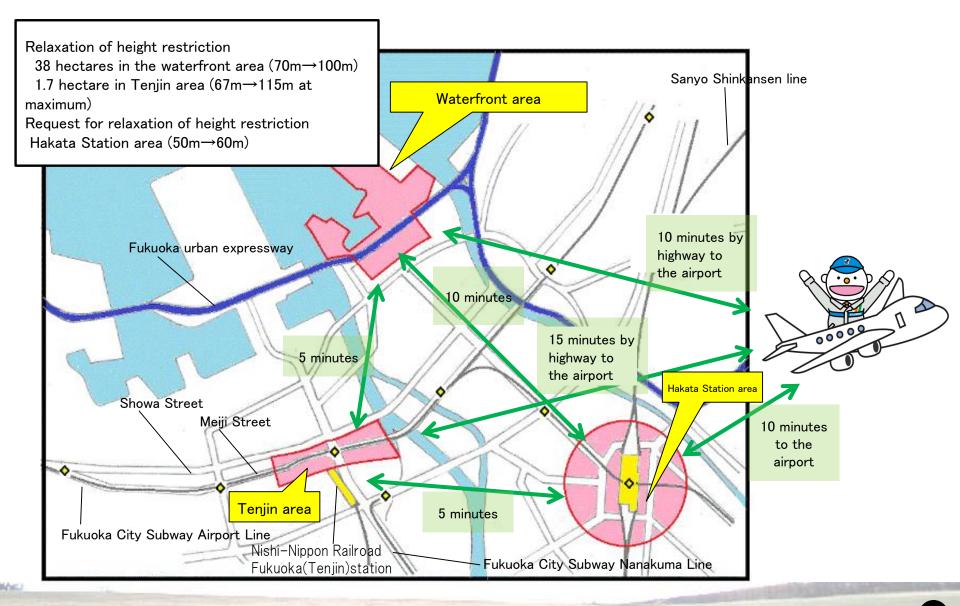
Details of diverse business models (facility work)



	and the second s			
business model item	A Proposal and original contract type(Local based)	Sub-contract type	© Capital participation type	
① Feature	 Mainly small- and med- sized deals Order directly from the owner (prime contractor) 	Large sized dealsSubcontractor of a general contractor	 Capital participation in a project of collaboration with different industries, and receiving an order for construction Construction profit + Business profit according to the amount of investment 	
② Business	Mainly Kyushu	Urban areas such as Kanto and Kansai		
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	,	workforce and ability of direct	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	
⑦ Composition ratio	about 4 0 %	about 5 0 %	about 1 0 %	

Fukuoka Waterfront Next, Tenjin Big Bang, Hakata Connected





Fukuoka Waterfront Next, Tenjin Big Bang, Hakata Connected



Project	Purpose	Period and scale
①Tenjin Big Bang	 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 	 Through 2024 Total floor area 757,000m³ Reconstruction of buildings in Tenjin area (30 buildings)
②Fukuoka Waterfront Next	 Create bustle around Hakata Port, the gateway to Kyushu Improved urban functions to meet MICE and cruise demand 	 Over 20-30 years Cruise terminal, MICE, commercial facilities, hotels
③Hakata Connected	 Connect the vitality and bustle of Hakata Station, the gateway to Kyushu, to the surrounding area. 	 Through 2028 About 80ha of about 500m in radius from Hakata Station Reconstruction of buildings around Hakata Station (20 buildings)