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II. Business & operation

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IV. Overseas business

Appendix





I. Company profile







KEPCO profile As of Dec.2020

Government,

18.2%

Korea

Development Bank, 32.9%

641,964,077

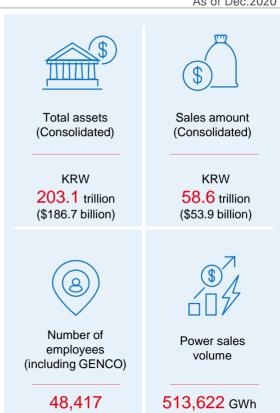
shares in total

£	Company name	Korea Electri	Korea Electric Power Corporation ("KEPCO")				
	Date of establishment	January 26,	January 26, 1898				
0	Address	55, Jeollyeok	55, Jeollyeok-ro (120, Bitgaram-dong), Naju-si, Jeollanam-do, 58322, Republic of Korea				
	CEO	JongKap KIN	JongKap KIM				
4	Areas of businesses		Power resource development, R&D, electric power generation, transmission, substations, distribution and sale, overseas business, etc.				
α	Status of	Paid-in capital of KRW 4.1 trillion (USD 3.5 billion)					
200	listed stocks	Dor	nestic stocks of 96%	ADR (Ame	ADR (American Depositary Receipts) of 4%		
		Exchange market	KRX (Korea Exchange)	Exchange market	NYSE (New York Stock Exchange)		
		Listed date	August 1989 (Stock Code : 015760)	Listed date	October 27, 1994 (Stock Code : KEP)		
<u></u>	Shareholders						

Corporations and individuals, 23.7%

Foreigners, 16.6%

The National Pension Fund, 8.6%



48,417



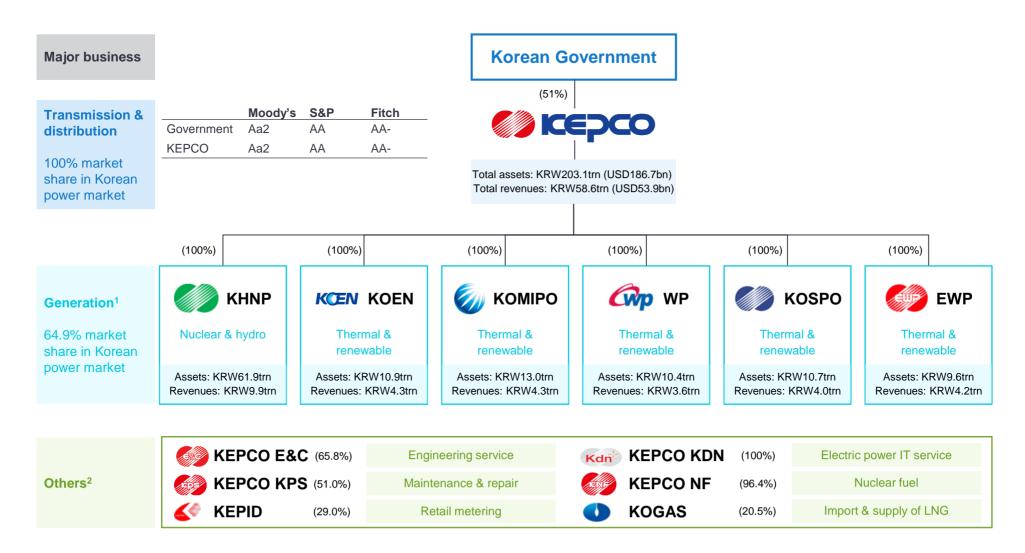
(As of

December 31,2020)





Monopolistic position in the generation, transmission and distribution of electricity in Korea



Note: As of end of 2020; Applied USD/KRW FX rate of 1,088.0; ¹ Electric power generation for 2020: 70.5% or 373,813GWh by 6 GENCOs, and 29.5% or 156,122GWh by IPPs; ² Others include major subsidiaries and affiliates of KEPCO other than 6 GENCOs



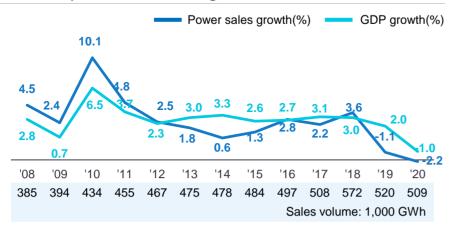


II. Business & operation

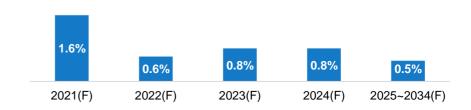


Power sales

Historical power sales & GDP growth

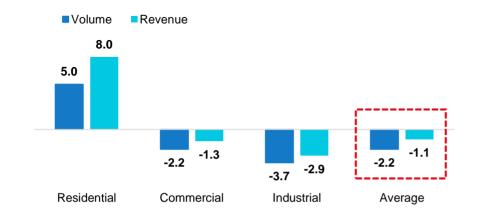


Sales volume growth forecast

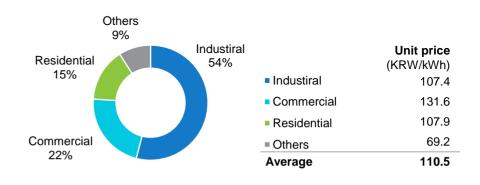


■ Forecast from 2021: Based on the 9th Basic Plan of Long-Term Electricity Supply & Demand by the MOTIE

Power sales growth for 2020



Sales breakdown for 2020



Note: Based on metering-basis





(BIG) (BIG)

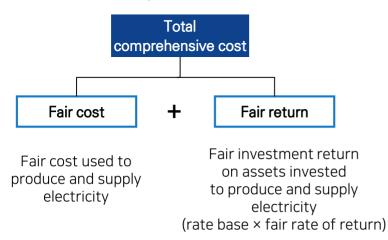
Historical tariff adjustment¹²

Effective	Jan 07	Jan 08	Nov 08	Jun 09	Aug 10	Aug 11	Dec 11	Aug 12	Jan 13	Nov 13	Dec 16
			4.5%	3.9%	2.50/	4.9%	4.5%	4.9%	4.0%	5.4%	
Avg. change	2.1%			0.070	3.5%						
		0.0%									
											-1.7%
Residential	0.0%	0.0%	0.0%	0.0%	2.0%	2.0%	0.0%	2.7%	2.0%	2.7%	-11.6%
Commercial	0.0%	-3.2%	3.0%	2.3%	0.0%	4.4%	4.5%	4.4%	4.6%	5.8%	0.0%
Industrial	4.2%	1.0%	8.1%	6.5%	5.8%	6.1%	6.5%	6.0%	4.4%	6.4%	0.0%

Note: 1 No major tariff adjustment has been made since 2016; 2 In 2019, tariff on residential sector was amended by increasing ceilings for the first two tiers by 100kWh and 50kWh respectively and was applied in July and August each year

Tariff adjustment formula

 Rates are established at levels that would enable us to recover total comprehensive costs



Tariff Structure

Base charge + Usage charge (base fuel charge, other charge)
 + environmental charge ± fuel cost adjustment charge

Environmental charge

- ✓ Cost required for providing clean and safe energy (RPS&ETS costs, coal generation reduction cost)
- ✓ Application: unit environmental charge price × amount of electricity used

Fuel cost adjustment charge

- ✓ Change in fuel(coal, LNG, oil) cost is reflected in tariff
- ✓ Application: fuel cost adjustment charge*('actual fuel cost'-'base fuel cost') × amount of electricity used
- *fuel cost adjustment charge changes every 3 months, informed to consumers I month prior to application through KEPCO website.
- ** Incase of withhold, the withhold amount and the adjustment amount that exceeds the maximum range will be accumulated and reflected in total comprehensive cost.



Implementation of Cost Pass-through Tariff System



Implementation of cost pass-through tariff system



Separating Environmental charge

Charging Methods Environmental charge is composed of RPS cost, ETS cost and coal generation reduction cost.

The sum of the three costs is Environmental charge.

Unit price calculation

RPS cost, ETS cost and coal generation reduction cost are divided by estimated annual power sales volume and added-up.

Unit climate related rate price charged for 2021: 5.3KRW/kWh

Adjusting Usage charge In order to separate RPS and ETS cost from current tariff system, usage charge has been reduced by 5.0KRW/kWh (unit price of RPS&ETS cost)

Fuel cost adjustment charge

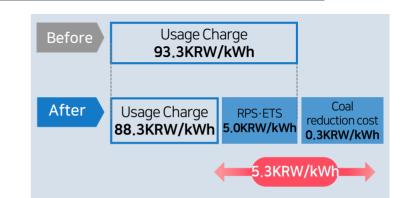
Rate structure Change in fuel price (coal, LNG, oil) is reflected on tariff as fuel cost adjustment charge quarterly. Charged proportionate to electricity used amount.

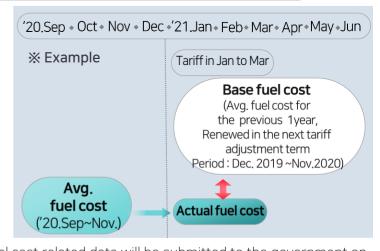
Application method

Difference between base fuel cost and actual fuel cost is the fuel cost adjustment charge and will be informed to the consumers 1 month prior to application. Tariff is adjusted quarterly.

Easing volatility

Tariff adjustment will be within maximum of ±5KRW/kWh range in a year, and can change only up to ±3KRW/kWh vs. previous term's tariff to protect consumers from drastic change. Tariff adjustment may be withhold in exceptional situations.





'21.Apr.~Jun. fuel cost adjustment charge: -3.0KRW/kWh



* Fuel cost related data will be submitted to the government on the 16th day of one month before the tariff application month. If there is no comments made from the government by 20tl day, the rate will be adjusted as submitted.





Amendment on residential discount for non-discretionary use (effective from Jul.2021)

Before

4.000KRW/Month discount for household that uses under 200kWh/Month

✓ Reform on the initial discount scheme is necessary as the beneficiaries are mostly mid-to-high income and 1-2person households. This rationalization will reduce burden on other consumers and expand support for underprivileged households.

After

Reduce discount amount from Jul. 2021 by 50% and terminate discount to general households in Jul. 2022

✓ Discount for underprivileged households that use under 200kWh/Month will be remained. (4,000KRW/Month, 2,500KRW/Month)

Discount schemes with expiration date are to be terminated on the date.

Discount schemes without expiration date will be reviewed and set date for termination

Refine discounts ending in 2020

ESS

Terminate base charge discount by 3 times ⇒ discount for generation amount only (no multiples) 50% discount on usage charge ended in Dec. 2020

Renewable

Discount for capacities over 10kW is terminated in Dec. 2020 3 year extension for facilities with capacity under 10kW

Refine discounts ending in 2019

Traditional Market

Terminate 5.9% discount of monthly electricity bill for consumers who run wholesale and retail business in traditional markets in Dec. 2019

Electric Vehicle

Exemption on base charge and 50% discount on usage charge for electric vehicle owners and charging service providers

- √ 50% discount on base charge, 30% discount on usage charge until Jun. 2021
- ✓ 25% discount on base charge, 10% discount on usage charge until Jun. 2022
- ✓ Discount terminated in Jul. 2022

Energy Saving
Discounts on
Residential Sector

Discounts for residential consumers may get discounts by saving power usage more than 20% of average usage amount of the same month of the previous 2 years ended in Dec. 2019



Fuel expense

(Big pun)

Generation mix



Fuel cost mix



Unit price & FX rate

	2019	2020	YoY
Coal _(KRW 1,000 / ton)	137.8	126.9	-7.9%
LNG (KRW 1,000 / ton)	723.7	551.9	-23.7%
Oil (KRW 1 / liter)	639.2	574.3	-10.1%
Avg. currency (USD/KRW)	1,157.8	1,088.0	-6.0%

Fuel expense

(KRW bn)	2019	2020	YoY
Coal	11,685	8,979	-23.2%
LNG	4,284	3,643	-15.0%
Oil	737	468	-36.6%
Nuclear	1,163	1,288	10.7%
Others ¹	370	399	8.0%
Total	18,239	14,777	-19.0%

Note: 1 Hydro, renewable energy, etc.





III. Financials



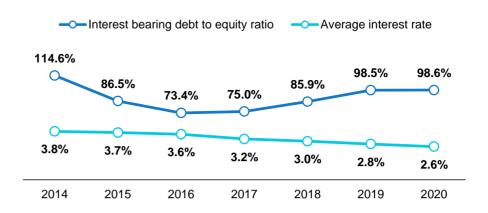
Capital structure

(Gic Linn)

Capital structure



Debt ratio & interest rate

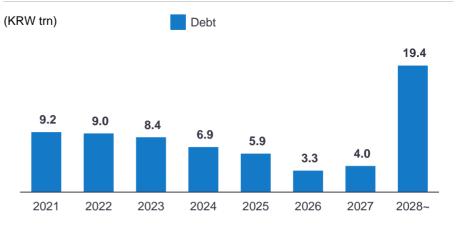


Interest bearing debt²³

(KRW trn)

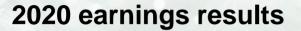


Debt repayment schedule



Note: KEPCO + 6 GENCOs as of end of December 2020; Applied USD/KRW FX rate of 1,088.0; 1 Before-swap basis; 2 Fixed interest rate: Floating interest rate = 99:1; 3 After-swap basis





(Big DATA	(4)	3	

(KRW bn)	2019	2020	YoY
1.Operating revenue	59,173	58,569	-1.0%
Sale of electric power	55,939	55,731	-0.4%
Revenues from other businesses	3,234	2,838	-12.2%
2.COGS/SG&A expenses	60,449	54,483	-9.9%
Fuel	18,261	14,794	-19.0%
Purchased power	18,270	15,725	-13.9%
Depreciation	9,648	9,939	3.0%
Maintenance	2,299	2,545	10.7%
Commissions	1,012	744	-26.4%
Research & development	736	701	-4.8%
Other operating expenses	10,224	10,035	-1.8%
3.Operating profit (loss)	-1,277	4,086	420.1%
Other revenues	393	393	-0.1%
Other expenses	242	418	72.7%
Other income (loss)	-582	36	106.2%
Finance income (loss)	-1,773	-1,387	21.8%
Equity income (loss) of affiliates	214	283	32.0%
Income before income tax	-3,266	2,993	191.7%
Income tax expenses	-1,002	899	189.7%
4.Net income (loss)	-2,264	2,094	192.5%
Controlling interest	-2,346	1,993	185.0%
Non controlling interest	82	101	23.4%

Major factors of YoY change

- Operating revenue of KRW58.6rn in 2020, a 1.0% decrease from KRW59.2trn in 2019
 - Power sales volume and revenues down by 2.2% and 1.1%, respectively due to effect of COVID-19 and prolonged rainy season during summer
- Fuel cost and purchased power cost of KRW30.5trn in 2020, a 16.5% fall from KRW36.5trn in 2019
 - With the commissioning of a new nuclear power plant (Shin Kori#4), nuclear generation volume increased
 - SMP dropped with the fall of oil price
- Turned to black with operating profit of KRW 4.1trn in 2020, from operating loss of KRW1.3trn in 2019
- Turnaround from net loss of KRW 2.3trn in 2019 with net income of KRW2.1trn in 2020.

Note: Based on K-IFRS consolidated financials





(Big BATA)		1
10	(Î)	

(KRW bn)	2018	2019	YoY
1.Operating revenue	60,628	59,173	-2.4%
Sale of electric power	56,842	55,939	-1.6%
Revenues from other businesses	3,786	3,234	-14.6%
2.COGS/SG&A expenses	60,836	60,449	-0.6%
Fuel	20,093	18,261	-9.1%
Purchased power	18,307	18,270	-0.2%
Depreciation	9,094	9,648	6.1%
Maintenance	2,219	2,299	3.6%
Commissions	1,189	1,012	-14.9%
Research & development	724	736	1.6%
Other operating expenses	9,209	10,224	11.0%
3.Operating profit (loss)	-208	-1,277	-513.7%
Other revenues	375	393	4.8%
Other expenses	231	242	4.6%
Other income (loss)	-621	-582	6.2%
Finance income (loss)	-1,674	-1,773	-5.9%
Equity income (loss) of affiliates	358	214	-40.2%
Income before income tax	-2,001	-3,266	-63.2%
Income tax expenses	-826	-1,002	-21.3%
1.Net income (loss)	-1,175	-2,264	-92.7%
Controlling interest	-1,315	-2,346	-78.4%
Non controlling interest	140	82	-41.5%

Major factors of YoY change

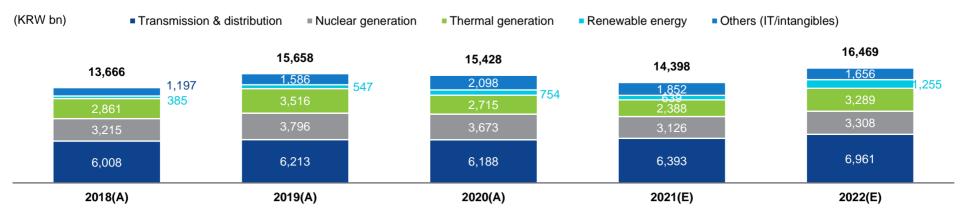
- Operating revenue of KRW59.2trn in 2019, a 2.4% decrease from KRW60.6trn in 2018
 - Power sales volume and revenues down by 1.1% and 1.6%, respectively
 - Revenues from other businesses including overseas revenues from UAF NPP business decreased
- Fuel cost and purchased power cost of KRW36.5trn in 2019, a 4.9% fall from KRW38.4trn in 2018
 - Rise of utilization rate of nuclear power plants as many of the units are back on operation after the maintenance
 - With the commissioning of a new nuclear power plant, base load rose
 - SMP dropped with the decline of consumption tax rate on LNG
- Operating loss of KRW1.3trn in 2019, a 514% decrease from operating loss of KRW0.2trn in 2018
 - Operating loss continued mainly resulted from decreased operating revenues and increases in depreciation cost and other operating expenses
- Net loss of KRW2.3trn in 2019, a 93% decrease from net loss of KRW1.2trn in 2018

Note: Based on K-IFRS consolidated financials



Investment plan

Capital expenditure projection¹



Capacity addition plan

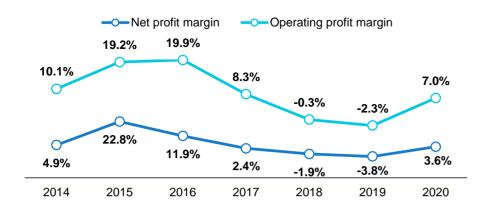
(Unit: MW)		Current cap	acity			N	et increase ²				Future cap	acity
		End of 2020 (preliminary)	%	2021	2022	2023	2024	2025	2026-2034	Total	End of 2034	%
		23,250 (24)	18%	1,400	1,400	750	450	-1,900	-5,950	-3,850 (-7)	19,400 (17)	10%
	Coal	33,161	26%	-620	-	-	-1,120	-2,000	-9,600	-13,340	19,821	10%
KEPCO	LNG	17,905	14%	-	495	585	842	2,000	7,800	11,722	29,627	15%
Group	Renewable	2,288 ⁴	2%			Refer t	o the TBD sectio	n			2,288	1%
	Oil/Hydro/Others	6,086	5%	-	-1,200	-	-	-	1,800	600	6,686	35%
	Sub-total	82,690	65%	780	695	1,335	172	-1,900	-5,950	-4,868	77,822	40%
	Coal	2,693	2%	2,084	1,040	2,090	1,202	-	-	6,416	9,109	5%
	LNG	23,264	8%	18	1,495	404	2,564	498	48	5,027	28,291	15%
IPP	Renewable	16,987 ⁴	13%			Refer t	o the TBD sectio	n			16,987	9%
	Others	1,128	1%	-	-	25	-102		-	-77	1,051	0.5%
	Sub-total	44,072	34%	2,102	2,535	750	3,664	498	48	11,366	55,438	29%
	LNG			-	-	-	-	-	1,000	1,000	1,000	0.5%
TBD	Renewable			4,660	4,640	5,220	5,520	5,625	31,973	57,638	57,638	30%
IBD	Others			-4	-	-	98	-	-	94	94	-
	Sub-total	1,011	1%	4,656	4,640	5,220	5,618	5,625	32,973	58,732	59,743	31%
	Total	127,773	100%	7,538	7,870	9,074	9,454	4,223	27,071	65,230	193,003	100%



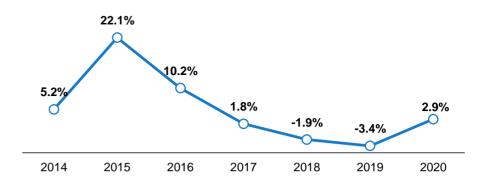
Major financial ratios

(GC Pum)

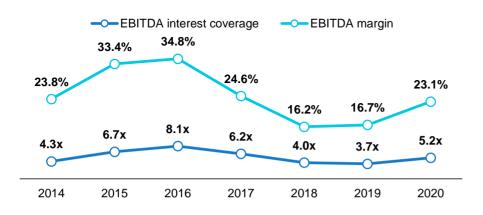
Operating profit margin¹ & net profit margin²



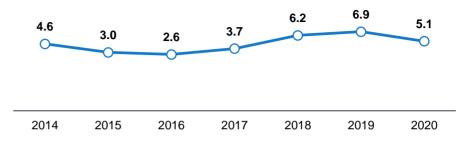
Return on Equity (ROE)³



EBITDA margin⁴ & interest coverage ratio⁵



Debt/EBITDA6



Note: Based on K-IFRS consolidated financials ¹ Operating profit margin: Operating income / Sales revenue; ² Net profit margin: Net income / Sales revenue; ³ ROE: Net income (excluding NCI) / Average equity (excluding NCI); ⁴ EBITDA margin: EBITDA / Sales revenue; ⁵ Interest coverage ratio: EBITDA / Interest expense; ⁶ Debt/EBITDA is only provided on annual earnings





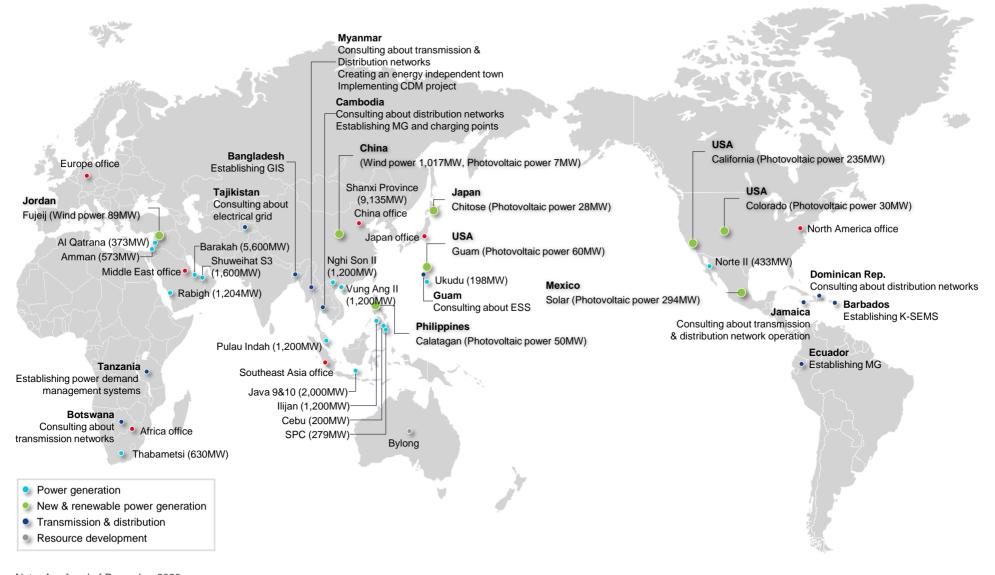
IV. Overseas business



Overseas business

(BIC)

48 projects in 26 countries



Note: As of end of December 2020





Overseas business

48 projects in 26 countries

Generation (24 proje	ects)					
Projects in operation				Total capacity (MW)	KEPCO capacity (MW)	Period
Philippines	Ilijan	BOT	Combined-cycle plant	1,200	612	Jun-02 ~ Jun-22
Philippines	Cebu	воо	Coal-fired plant	200	120	Jun-11 ~ Jun-36
Philippines	SPC (Naga)	M&A	Coal-fired/Diesel plant	225	90	Feb-06 ~
Philippines	Calatagan	M&A/BOO	Photovoltaic power	50	19	Dec-18~
China	Wind Project	ВОО	Wind power plant	1,017	407	Dec-06 ~ Jun-26
China	Shanxi	воо	Coal-fired plant	9,571	3,253	Apr-07 ~ Apr-57
China	Liaoning	ВОО	Photovoltaic power	7	3	Dec-17 ~ Dec-42
Jordan	Al Qatrana	воо	Gas-fired plant	373	298	Jan-11 ~ Jan-36
Jordan	Amman	ВОО	Diesel-fired plant	573	344	Aug-14 ~ Aug-39
Saudi Arabia	Rabigh	воо	Oil-fired plant	1,204	482	Apr-13 ~ Apr-33
Mexico	Norte 2	ВОО	Gas-fired plant	433	242	Dec-13 ~ Dec-38
USA	Colorado	M&Q/BOO	Photovoltaic power	30	15	Apr-17 ~ Mar-31
USA	California	M&Q/BOO	Photovoltaic power	235	118	Mar-18 ~ Aug-52
UAE	Shuweihat S3	ВОО	Gas-fired plant	1,600	314	Jul-14 ~ Jul-39
UAE	Barakah Nuclear	EPC/O&M	Nuclear power plant	5,600	1,008	Dec-09 ~ May-77
Japan	Chitose	ВОО	Photovoltaic power	28	22	Jul-17 ~ Jul-42
Jordan	Fujeij	воо	Wind power plant	89	89	Jul-19 ~ Jul-39
Vietnam	Nghi Son	BOT	Coal-fired plant	1,200	600	Jul-22 ~ Jul-47
Mexico	Solar	воо	Photovoltaic power	294	112	Aug-20 ~ Aug-55
USA	Guam	воо	Photovoltaic power	60	60	Dec-21 ~ Dec-46
Indonesia	Java 9&10	BOT	Coal-fired plant	2,000	300	Nov-24 ~ Nov-48
				25,989	8,508	
USA	Guam	воо	Gas-fired plant	198	119	
Malaysia	Pulau Indah	воо	Gas-fired plant	1,200	300	On-going
Vietnam	Vung Ang2	BOT	Coal-fired plant	1,200	480	

E&P (1 project) : Australia Bylong coal project

T&D (23 projects): T&D and smart grid consulting in Dominica, etc.

Note: As of end of December 2020



UAE Nuclear Project



Project Overview

■ Project Capacity: 5,600MW (APR¹ 1400 4 units)

■ Contract Amount : USD 19.1 billion

■ Subject to change based on price escalation provision

■ Contract Term : Dec. 2009 to ~ TBD

■ Scope of Major Services

■ Design and construction of 4 nuclear units

■ Supply of nuclear fuel

■ Technical support

■ Training and education

Key Contract Parties and Functions







V. ESG



Responding to Climate Change

Key Improvements

■ 'Leading Energy Transition' as one of mid-long term management plans

Strategic Target	Target Measurement
Leading energy transition	 Accumulative capacity of renewable power plants Expanding grid infrastructure for renewable generation
Developing new energy market abroad	 Capacity of renewable facilities abroad

- Enhancing disclosure of climate related information
- submits CDP(Carbon Disclosure Project) report (since 2008)
- disclose information using TCFD and SASB guideline (since 2020)
- Issuing Global Green Bonds (USD 5 billion in 2019 & 2020 each)
- Allocation used to invest in green projects including constructing infrastructures for new & renewable energy and EVC charging infrastructure

Plans on Coal-fired power reduction

Construction plan of coal power plants by year

(GW)	2020	2021	'22~'23	'24	2034
Installed Capacity	33.2	32.6	32.6	31.5	19.8
Net Increase		-0.6		-1.1	-11.7

* based on the 9th Basic Plan for Long-Term Electricity Supply and Demand

- Scrap of old coal plants: 4 plants (0.7GW) are already scrapped / 6 plants(2.6GW) are planned to be scrapped
- Construction of new coal power plant : Shin-Seochun #1 (1GW, planned in 2013)
- Conversion of coal power plants into LNG power plants
- No further development for coal power plants abroad
- Expanding renewable power plants

Reduction Target for Greenhouse Gas

KEPCO group companies' target to reduce greenhouse gas emissions by 47 million tons until 2030, compared to the 2030

(in million tons)	2017 Emission	2030 Target Reduction	2030 Reduction Rate	
Nationwide	709	536	24.4%	
Electricity Conversion	252	193	23.7%	
KEPCO Group	211	131	37.9%	

- Decommission of old coal power plants and conversion of fuel from coal to LNG
- Lowering output and temporary shutdown of coal-fired power plants
- No further construction of new coal-fired power plants other than Shin-Seochun #1

Expansion of Renewable

Construction plan of renewable power plants by year

(GW)	2019	~2022	~2026	2030
Nationwide	15.1	27.5 (+12.4)		3.8 6.3)
KEPCO Group	1.4	7.8 (+6.4)	18.7 (+10.9)	42.6 (+23.9)

* based on KEPCO Group's RE3020 Roadmap

- Construction of 41.2GW of renewable power plants by 2030 is planned
- Following RPS as a measure to expand renewable energy (Target rate raised from 7% in 2020 to 9% in 2021)
- Enhancing facilities for new & renewable power plants that are currently on hold for connection to the grid
- Create environment for successful implementation of RE100 starting from Green Premium Pricing system



Governance



Board Of Directors Operation

Organizational chart of BOD

Board of Directors

- 7 of Standing Directors / 8 of Non-Standing Directors
- Chairman : JwaGwan Kim (Non-Standing)

Director Nomination Committee

- 5-15 members comprised of non-standing directors and people appointed by the BOD
- Chairperson is elected among its members who are non-standing directors by the vote of the members
- Decision on nomination process for director candidates
- Review and recommendation of candidates for director candidates

Audit Committee

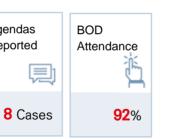
- Two of Non-Standing directors, One Standing director
- Chairman to be Non-Standing
- Inspecting the accounting and management issues
- Evaluating the operation of Internal Control over Financial Reporting
- Conducting audit on work and accounting

ESG Committee

- 3 members of non-standing directors
- Oversee ESG business management and ESG enhancement

■ Performance of the BOD Operation (2019)







Governance



Board of Directors

	Name	Birth year (Gender)	Tenure	Position	Expertise	Note
	JongKap KIM	'51 (M)	'18.4~'21.4	President & CEO	Energy/ Electricity	
	YoungHo Choi	'65(M)	'20.11~'22.11	Comptroller & Auditor General	Audit	Audit Committee
		Vacancy		Corporate Senior Vice President & Chief Financial(Strategy) Officer	Energy/ Electricity	
Standing Directors (7)	HyunSeung LIM	'60 (M)	'18.7~'21.9	Corporate Senior Vice President & Chief Nuclear Business Officer	Energy/ Electricity	
	HeynBin LEE	'63 (M)	'20.9~'22.9	Corporate Senior Vice President & Chief Business Management Officer	Energy/ Electricity	
	JongHwan Lee	'60(M)	'20.10~'22.11	Corporate Senior Vice President & Chief Business Operation Officer	Energy/ Electricity	
	TaeOk KIM	TaeOk KIM '62 (M) '21.3~'22.3		Corporate Senior Vice President & Chief Power Grid Officer	Energy/ Electricity	
	JwaGwan KIM	'60 (M)	'18.4~'21.4		Energy/Environment	BOD Chairman
	BongRyeol YANG	'52 (M)	'18.4~'21.4		Energy/Public	
	YeonGil JEONG	'66 (M)	'18.4~'21.4		Energy/New Materials	Audit Committee
Non- Standing Directors (8)	GeumSeon NOH	'62 (F)	'18.6~'21.6		Finance and Accounting	Audit Committee Chairman (Financial Exper
(0)	SeungGuk CHOI	'65 (M)	'18.6~'21.6		Energy/New&Renewable	
	JongBae PARK	'63 (M)	'20.1~'22.1		Energy/Electricity	
	SiHeon SEONG	'60 (M)	'20.6~'22.6		Energy	
	SuRan BANG	'87 (F)	'20.9~'22.9		Law	2





Appendix







Monthly Electric Power Statistics*

Generation Capacity by Sources

(MW)		KEP	CO Group Co	ompanies	\$				Othe	ers		Total
Yr.Month	Nuclear	Coal	LNG	Oil	Hydro	Renewable	Coal	LNG	Oil	Hydro	Renewable/Others	
2020.01	23,250	34,361	17,905	1,376	5,352	1,339	2,693	23,730	259	1,151	13,942	125,358
2020.02	23,250	34,361	17,905	1,376	5,352	1,361	2,693	23,730	259	1,151	14,449	125,887
2020.03	23,250	34,361	17,905	1,376	5,352	1,361	2,693	23,730	259	1,151	14,449	125,887
2020.04	23,250	34,361	17,905	1,376	5,352	1,360	2,693	23,730	259	1,151	14,825	126,262
2020.05	23,250	34,361	17,905	1,376	5,352	1,360	2,693	23,730	259	1,154	15,359	126,798
2020.06	23,250	34,361	17,905	1,376	5,352	1,385	2,693	23,730	259	1,154	15,873	127,338
2020.07	23,250	34,161	17,905	1,376	5,352	1,604	2,693	23,730	259	1,154	16,336	127,819
2020.08	23,250	34,161	17,905	1,376	5,352	1,622	2,693	23,730	259	1,154	16,577	128,078
2020.09	23,250	34,161	17,905	1,376	5,352	1,646	2,693	23,730	259	1,154	17,036	128,562
2020.10	23,250	34,161	17,905	1,376	5,352	1,649	2,693	23,730	259	1,154	16,669	128,197
2020.11	23,250	34,161	18,052	1,376	5,352	1,651	2,693	23,730	259	1,154	16,933	128,609
2020.12	23,250	34,161	18,052	1,376	5,352	1,664	2,693	23,730	259	1,154	17,501	129,191
2021.01	23,250	33,161	18,052	1,376	5,352	1,676	2,693	23,730	171	1,154	18,009	128,820

Generation Volume by Sources

(GWh)		KEP	CO Group Co	ompanies	S				Oth	ers		Total
Yr.Month	Nuclear	Coal	LNG	Oil	Hydro	Renewable	Coal	LNG	Oil	Hydro	Renewable/Others	Iotai
2020.01	11,898	16,838	4,987	49	402	583	1,812	10,987	94	137	2,084	49,871
2020.02	12,690	14,727	4,033	33	394	602	1,640	9,769	63	134	2,352	46,439
2020.03	14,463	12,409	3,681	60	373	680	1,500	9,835	42	161	2,937	46,141
2020.04	13,689	13,383	2,663	95	359	627	1,487	6,657	32	152	3,107	42,252
2020.05	15,258	13,183	2,144	31	379	399	1,660	5,434	6	184	2,901	41,578
2020.06	14,069	15,215	2,892	36	322	283	1,277	6,571	5	190	2,965	43,825
2020.07	13,721	17,347	2,737	28	352	472	1,668	7,649	4	260	2,432	46,671
2020.08	12,526	18,916	4,253	160	486	686	1,685	9,015	6	588	2,717	51,039
2020.09	9,293	16,934	3,746	555	466	735	1,538	8,264	5	415	2,632	44,582
2020.10	13,468	12,782	2,519	110	320	643	1,594	8,984	7	154	2,543	43,159
2020.11	14,048	12,870	3,166	245	289	660	1,692	9,658	27	137	2,143	44,976
2020.12	15,060	14,205	5,191	427	360	718	1,731	11,458	53	136	2,273	51,610
2021.01	14,042	16,042	5,703	304	384	729	1,866	11,654	46	133	2,051	53,156

^{*} Source : The Monthly Report on Major Electric Power Statistics by KEPCO







Monthly Electric Power Statistics*

Power Purchase Unit Cost by Sources

(KRW/kWh)			P	urchase Unit Cost				Total
Yr.Month	Nuclear	Coal	LNG	Oil	Hydro	Renewable	Others	Iotai
2020.01	65.25	96.17	122.12	187.68	115.91	99.11	97.85	98.19
2020.02	60.84	91.30	114.70	275.42	107.85	94.04	97.15	91.00
2020.03	56.47	87.23	103.76	202.76	97.33	92.84	84.72	83.14
2020.04	49.02	80.43	96.21	171.47	84.84	87.60	81.42	74.34
2020.05	46.52	84.72	104.48	270.95	82.43	84.40	80.08	74.10
2020.06	61.60	80.88	102.23	354.62	88.33	81.32	91.78	79.83
2020.07	76.65	90.22	126.92	934.76	94.25	86.38	98.11	95.27
2020.08	69.82	80.01	103.61	300.56	76.68	79.25	92.99	84.78
2020.09	57.45	65.98	77.02	173.14	65.58	68.63	76.98	68.98
2020.10	49.79	57.87	63.56	179.47	66.50	58.67	50.64	57.34
2020.11	51.13	86.39	67.73	165.15	79.53	57.49	52.35	68.76
2020.12	73.00	82.46	98.93	149.49	123.34	74.93	72.66	85.69
2021.01	72.84	91.22	106.78	175.87	146.43	79.78	76.59	91.93

Market Price & Unit Cost of Settlement

(KRW/kWh)	Market Price		Unit Cost of Settlement		Total
Yr.Month	SMP	SEP	СР	Others	Total
2020.01	84.54	66.69	20.48	11.02	98.19
2020.02	81.91	64.03	16.56	10.41	91.00
2020.03	83.35	64.96	8.50	9.68	83.14
2020.04	75.38	56.79	5.39	12.16	74.34
2020.05	70.91	49.84	5.93	18.34	74.10
2020.06	70.92	55.66	8.30	15.86	79.83
2020.07	71.25	59.21	21.23	14.84	95.27
2020.08	63.01	52.54	19.67	12.57	84.78
2020.09	55.94	47.24	9.56	12.17	68.98
2020.10	50.39	40.98	5.48	10.88	57.34
2020.11	49.80	45.62	9.07	14.07	68.76
2020.12	67.14	57.33	17.92	10.43	85.69
2021.01	70.65	58.50	21.20	12.23	91.93

^{*} Source : The Monthly Report on Major Electric Power Statistics by KEPCO







Monthly Electric Power Statistics*

Power Sales Volume

(MWh)				Segments				Total
Yr.Month	Residential	Commercial	Educational	Industrial	Agricultural	Street lighting	Night power usage	Total
2020.01	6,462,307	10,980,218	871,391	24,157,032	1,846,298	335,654	1,674,015	46,326,916
2020.02	6,469,949	10,489,576	743,563	22,987,545	1,843,177	320,887	1,644,171	44,498,867
2020.03	6,050,609	9,114,577	596,478	23,829,266	1,646,757	299,909	1,333,189	42,870,785
2020.04	6,101,122	8,361,004	489,662	22,635,639	1,529,677	292,801	1,065,385	40,475,290
2020.05	5,726,792	8,065,900	431,194	21,748,720	1,336,041	271,181	747,888	38,327,716
2020.06	5,930,765	9,070,384	532,530	22,103,411	1,381,354	259,419	475,031	39,752,893
2020.07	6,169,242	9,832,290	627,728	23,468,351	1,354,310	252,124	363,774	42,067,820
2020.08	7,379,538	10,795,213	644,946	23,505,723	1,609,925	261,812	402,060	44,599,216
2020.09	7,859,851	10,303,053	614,698	24,013,798	1,713,038	275,663	330,692	45,110,792
2020.10	5,766,204	8,164,536	472,990	22,622,538	1,310,424	297,733	430,886	39,065,312
2020.11	5,998,349	8,562,565	626,309	23,041,292	1,747,249	316,332	854,929	41,147,026
2020.12	6,388,675	9,899,227	863,862	24,546,931	1,710,580	323,486	1,294,322	45,027,083
2021.01	7,163,277	11,417,099	980,548	25,000,708	2,081,679	332,000	1,780,250	48,755,561

Power Sales Revenue

(Million KRW)				Segments				Total
Yr.Month	Residential	Commercial	Educational	Industrial	Agricultural	Street lighting	Night power usage	iotai
2020.01	726,062	1,452,733	88,495	2,745,921	88,873	35,918	125,716	5,263,718
2020.02	728,164	1,407,683	79,179	2,682,015	88,812	35,597	123,411	5,144,860
2020.03	649,887	1,145,466	61,204	2,282,060	79,967	33,855	88,994	4,341,433
2020.04	663,143	981,983	46,488	2,125,534	75,239	34,187	58,428	3,985,000
2020.05	595,473	960,563	42,513	2,045,200	65,216	32,690	41,835	3,783,490
2020.06	630,891	1,230,811	63,781	2,606,985	68,112	32,270	28,054	4,660,905
2020.07	624,465	1,457,889	72,993	2,816,189	66,778	31,086	22,394	5,091,794
2020.08	768,446	1,545,177	66,462	2,761,869	78,030	31,400	25,319	5,276,702
2020.09	914,540	1,307,869	62,524	2,307,249	81,909	32,118	20,408	4,726,617
2020.10	591,144	962,579	44,009	2,093,395	65,930	33,037	24,775	3,814,870
2020.11	635,140	1,134,736	66,659	2,625,501	79,661	34,409	54,839	4,630,944
2020.12	705,152	1,367,783	87,210	2,822,809	83,356	34,444	97,492	5,198,246
2021.01	835,362	1,474,259	92,308	2,788,519	93,505	34,733	128,872	5,447,559

^{*} Source : The Monthly Report on Major Electric Power Statistics by KEPCO



Appendix



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