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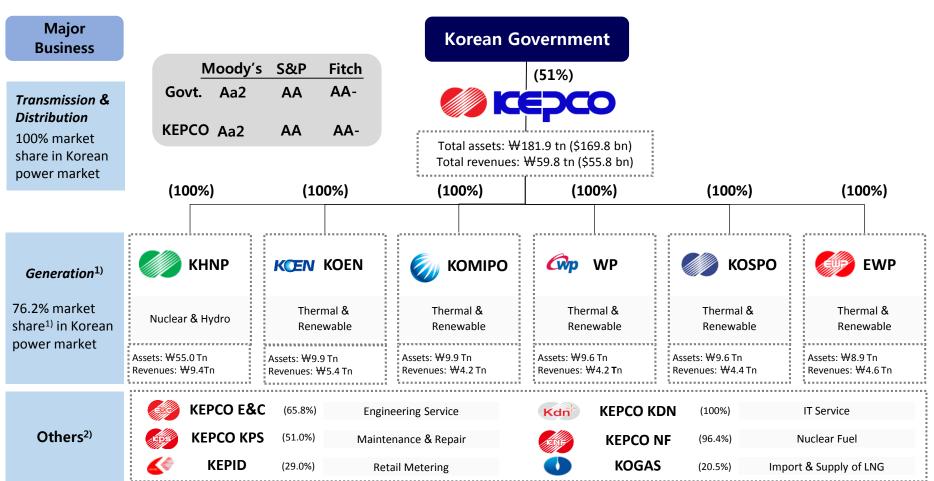


I. Company Profile



Dominant Player in Korea

As of End of 2017 / KRW/USD = 1,071.4



- 1) Electric power trading volume for 2017: 76.2% or 404,546GWh by 6 GENCOs*, and 23.8% or 126,386GWh by IPPs
 - * KEPCO group generation capacity: 82,132MW
- 2) Others include major subsidiaries and affiliates of KEPCO other than 6 GENCOs



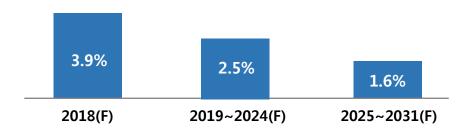
II. Business & Operation



Power Sales

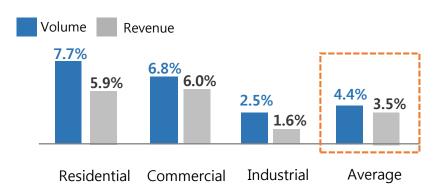
Historical Power Sales & GDP Growth Power Sales Growth(%) ____ GDP Growth(%) 10.1 6.5 5.7 4.9 4.5 2.5 3.0 2.6 2.7 5.5 5.2 3.9 3.7 2.8 '05 '06 '08 '09 '10 '11 '12 '17 434 455 467 475 478 484 497 508 385 394

Power Sales Growth Forecast



- Based on 2018 GDP growth assumption of 3.0%
- Forecast from 2019: Based on the 8th Basic Plan of Long-Term Electricity Supply & Demand by the MOTIE

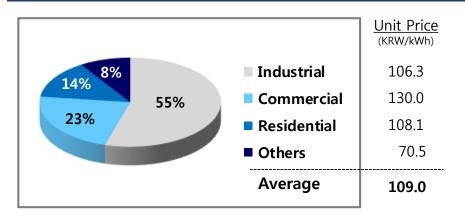
Power Sales Growth for 2018 3Q



(Figures based on metering-basis)

Sales Volume (1,000 GWh)

Sales Breakdown for 2018 3Q





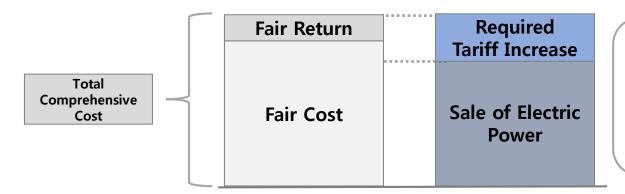
Tariff

Historical Tariff Adjustment

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%	3.5%	4.9%	4.5%	4.9%	4.0%	5.4%	
Avg. Change	2.1%	0.0%		3.3 70	3.3 70				4.0%		
		0.076									-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%

- 1. No tariff adjustment has been done since 2016
- 2. Temporary adjustment on progressive tariff rate was done on July and August 2018 (Eased by 100kWh on each tier)

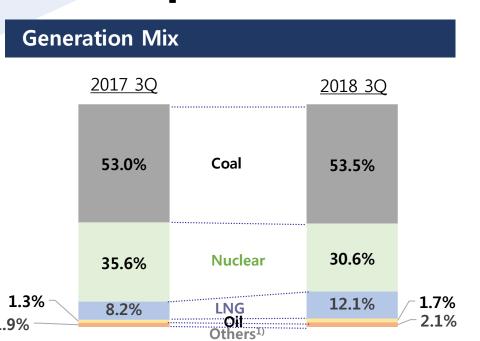
Tariff Adjustment Formula

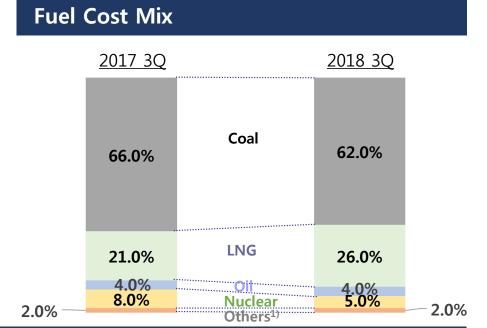


- Fair Cost: Current Year's Budget
- Fair Return: Rate Base x Fair Rate of Return
- Rate Base: Net Plant in Service + Working Capital
- Sale of Electric Power: Current Year's Budget



Fuel Expense





Fuel Expense

1.9%

Unit Price & FX Rate

	2017 3Q	2018 3Q	YoY
Coal (KRW 1,000 / Ton)	117.0	130.7	11.8%
LNG (KRW 1,000 / Ton)	656.1	741.1	13.0%
Oil (KRW 1 / Liter)	483.0	538.7	11.5%
Avg. Currency (KRW/USD)	1,146.70	1,112.70	-3.0%

Fuel Expense

(KRW Bn)	2017 3Q	2018 3Q	YoY
Coal	7,915	9,367	18.3%
LNG	2,482	3,972	60.0%
Oil	468	649	38.7%
Nuclear	923	766	-17.0%
Others ¹⁾	206	294	42.7%
Total	11,994	15,048	25.5%

¹⁾ Hydro, Renewable Energy, etc.

2.1%

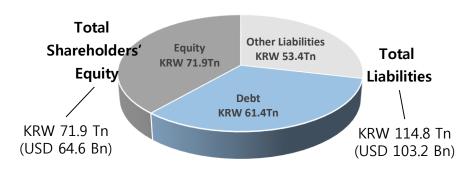


III. Financials



Capital Structure

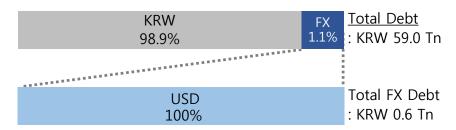
Capital Structure



^{*} Debt: Before-Swap Basis

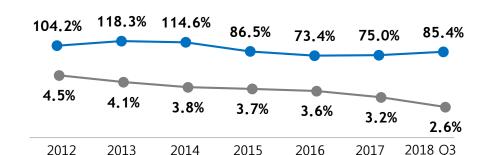
Debt*

(KRW Tn)



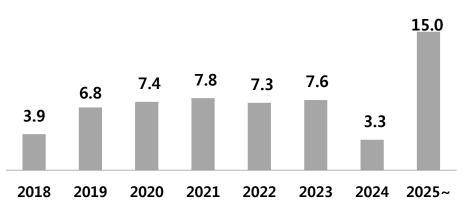
Debt Ratio & Interest Rate

Debt to Equity Ratio
Average Interest Rate



Debt Repayment Schedule

Debt (KRW Tn)



Consolidated Basis, As of End of September 2018 (KRW/USD=1,112.70)



^{*} Debt: 1) Fixed : Floating = 99 : 1

²⁾ KEPCO + 6 GENCOs, After-Swap Basis

2018 3Q Earnings Results

(KRW Bn)	2017 3Q Cum.	2018 3Q Cum.	YoY
1.OPERATING REVENUE	44,260	45,453	2.7%
Sale of electric power	40,770	42,637	4.6%
Revenues from Other Businesses	3,490	2,816	-19.3%
2.COGS/SG&A EXPENSES	39,177	44,873	14.5%
Fuel	12,000	15,070	25.6%
Purchased Power	10,387	13,363	28.6%
Depreciation	6446	6,858	6.4%
Maintenance	1,465	1,553	6.0%
Commissions	814	836	2.7%
Research &development	499	496	-0.6%
Other operating expenses	7,566	6,697	-11.5%
3. OPERATING INCOME(LOSS)	5,083	581	-88.6%
4.OTHER REVENUES	273	260	-4.8%
5.OTHER EXPENSES	83	118	42.1%
6.OTHER INCOME(LOSS)	151	-548	-462.3%
7.FINANCE INCOME(LOSS)	-1,171	-1,306	-11.5%
8.EQUITY INCOME(LOSS) OF AFFILIATES	-93	278	-400.0%
9.INCOME BEFORE INCOME TAX	4,160	-854	-120.5%
10.INCOME TAX EXPENSES	1,372	-422	-130.8%
11.NET INCOME (LOSS)	2,788	-432	-115.5%
12.CONTROLLING INTEREST	2,687	-518	-119.3%
13.NON CONTROLLING INTEREST	101	86	-14.8%

Major Factors of YoY Change

- Operating revenue of W45.5 tn in 2018 3Q, a 2.7% increase from W44.3tn in 2017 3Q
 - ✓ Power sales up by 4.6%, overseas revenues down by 19.3%
 - ✓ Revenues from UAE NPP business decreased
- Fuel cost and purchased power cost of W28.4 tn in 2018 3Q, a 26.8% rise from W22.4tn in 2018 Q3
 - ✓ Average unit cost of fuel and purchased power went up 27.5%, and 28.6%, respectively, mainly affected by a decrease in utilization ratio of our nuclear power plants and international fuel price hike.
 - ✓ Capacity of nuclear power plant decreased as Wolsong#1 is decided to be scraped.
- Operating income of W0.5tn in 2018 Q3, a 88.6% decrease from operating income of W5.1tn in 2018 Q3
 - ✓ Decrease in operating income Yoy mainly resulted from increases in fuel cost & purchased power.
 - ✓ Increase in power sales due to heatwave in summer.
- Net loss of W0.4tn in 2018 3Q, a 115.5% decrease from net income of W2.8tn in 2018 3Q



2017 Earnings Results

(KRW Bn)	2016	2017	YoY
1.OPERATING REVENUE	60,190	59,815	-0.6%
Sale of electric power	54,305	54,650	0.6%
Revenues from Other Businesses	5,886	5,165	-12.2%
2.COGS/SG&A EXPENSES	48,189	54,862	13.8%
Fuel	14,067	16,525	17.5%
Purchased Power	10,756	14,264	32.6%
Depreciation	7,869	8,697	10.5%
Maintenance	1,972	2,111	7.1%
Commissions	1,029	1,143	11.1%
Research & development	706	722	2.3%
Other operating expenses	11,791	11,400	-3.3%
3. OPERATING INCOME(LOSS)	12,002	4,953	-58.7%
4.OTHER REVENUES	413	390	-5.5%
5.OTHER EXPENSES	189	180	-4.5%
6.OTHER INCOME(LOSS)	71	156	122.1%
7.FINANCE INCOME(LOSS)	-1,646	-1,597	3.0%
8.EQUITY INCOME(LOSS) OF AFFILIATES	- 137	-108	21.0%
9.INCOME BEFORE INCOME TAX	10,513	3,614	-66.0%
10.INCOME TAX EXPENSES	3,365	2,173	-35.4%
11.NET INCOME (LOSS)	7,148	1,441	-79.8%
12.CONTROLLING INTEREST	7,081	1,299	-81.7%
13.NON CONTROLLING INTEREST	67	143	43.1%

Major Factors of YoY Change

- Operating revenue of W59.8 tn in 2017, a 0.6% decrease from W60.2 tn in 2016
- ✓ Despite a 2.2% increase in power sales volume, average unit sales price decreased 1.5% mainly due to the adjustment of a progressive rate structure for the residential use.
- Fuel cost and purchased power cost of W30.8 tn in 2017, a 24.8% rise from W24.8 tn in 2016
 - ✓ Average unit cost of fuel and purchased power went up 19.7%, and 9.1%, respectively, mainly affected by a decrease in utilization ratio of our nuclear power plants and international fuel price hike.
- Operating income of W5.0 tn in 2017, a 58.7% decrease from W12.0 tn in 2016
 - ✓ Mainly resulting from increases in sale of electric power by W0.35 tn, fuel cost & purchased power by W5.97 tn, and depreciation & other operating costs by W1.55 tn, etc.
- Net income of W1.4 tn in 2017, a 79.8% decrease from W7.1 tn in 2016



Investment Plan

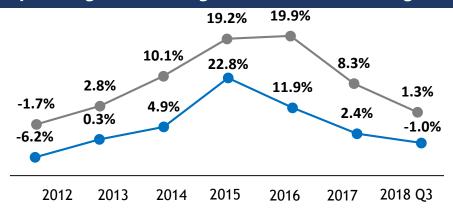
Capital Expenditure Projection (KEPCO + 6 GENCOs) (KRW Bn) 19,461 13,949 13,711 16,108 17,443 Transmission & Distribution 7,608 Nuclear Generation 6.116 5,819 5,765 6,171 Thermal Generation 3,462 4,243 4,076 3,524 3.444 3.023 Renewable Energy 3.123 2,926 249 3,749 748 2,176 1,788 2,692 Others (IT/Intangibles) 2016(A) 2017(A) 2018(E) 2019(E) 2020(E) **Capacity Addition Plan** Net Increase²⁾ (Unit: MW) **Current Capacity Future Capacity** 2020 2021 2023~2030 End of 2017: % 2018 2019 2022 **Total** End of 2030 Nuclear¹⁾ 22,529(24) 19% 2,121 1,400 1,400 - 7,050 -2,129(-6)20,400(18) 12% Coal 1,000 - 500 34,125 29% 186 320 - 1,000 -2,120-2,75431,371 20% KEPCO LNG 16,018 14% 240 905 125 320 1,590 17,608 10% Group Oil 3,289 3% - 1,200 - 1,400 -2.7601% - 160 529 Renewable³⁾ 6,171 5% TBD Sub-total 82,132 70% 2,547 1,825 1,125 500 - 800 - 10,250 - 6,053 69,908 43% 25,270 22% 121 1,466 2.085 3,130 3,130 5.090 22% Thermal 15.022 40,292 ĬΡΡ 9,505 Renewable3) 8% TBD 116,907 2,668 3,291 3,675 2,630 2,330 - 5,160 8,969 Sub-total 100% 110,200 65% 2,690 2.890 35,120 63,161 Renewable 16.016 1,695 2,350 2,400 47,145 35% 173,361 : 100% Total

- 1) (): Number of Nuclear Units
-) Based on the 8th Basic Plan for Long-Term Electricity Supply and Demand announced in Dec 2017.
- LNG Addition Assumption: IPP 100
- 4) Capacity of Renewable is in Nominal



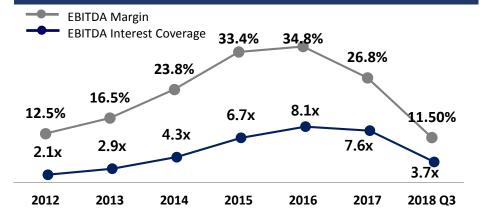
Major Financial Ratios

Operating Profit Margin¹⁾ & Net Profit Margin²⁾



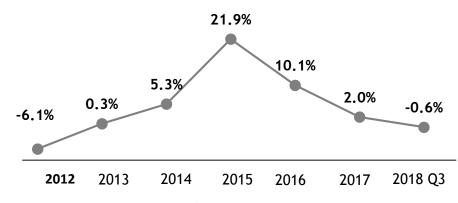
- 1) Operating Profit Margin: Operating Income / Sales Revenue
- 2) Net Profit Margin: Net Income / Sales Revenue

EBITDA Margin³⁾ & Interest Coverage Ratio⁴⁾



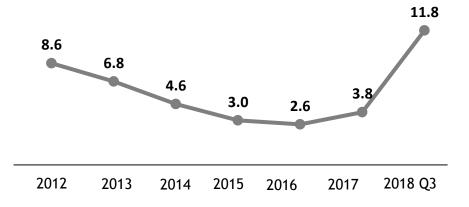
- 3) EBITDA Margin: EBITDA / Sales Revenue
- 4) Interest Coverage Ratio: EBITDA / Interest Expense

Return on Equity (ROE)5)



5) ROE: Net Income(excluding NCI) / Average Equity(excluding NCI)

DEBT/EBITDA



(Ratios: Consolidated Basis)

IV. Overseas Business



Overseas Business

Overseas Business – 24Countries 39Projects





Overseas Business – 24Countries 39Projects

Generation (21Projects)

Projects in Operation			Total Capacity(MW)	KEPCO Capacity(MW)	Period	
Philippines	llijan	ВОТ	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	277	111	Feb-06 ~
China	Wind Project	ВОО	Wind power plant	1,314	526	Dec-06 ~ Jun-26
China	Shanxi	ВОО	Coal-fired plant	9,135	3,106	Apr-07 ~ Apr-57
China	Liaoning	ВОО	Photovoltaic power	7	3	-
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
Nigeria	Egbin	O&M	Gas-fired plant	-	-	Nov-13 ~ Nov-18
USA	Colorado	M&Q/BOO	Photovoltaic power	30	15	Apr-17 ~ Mar-31
USA	California	M&Q/BOO	Photovoltaic power	235	117.5	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	-
Vietnam	Nghi Son	BOT	Coal-fired plant	1,200	600	Jul-22 ~ Jul-47
				23,201	7,891	
South Africa	Thabametsi	ВОО	Coal-fired plant	630	154	
USA	Guam	ВОО	Photovoltaic power	60	42	On-Going
Malaysia	Pulau Indah	ВОО	Gas-fired plant	1,200	300	

E&P (1Project) : Australia Bylong Coal Project

T&D (22Projects): T&D and Smart Grid Consulting in Nigeria, Dominica, etc.

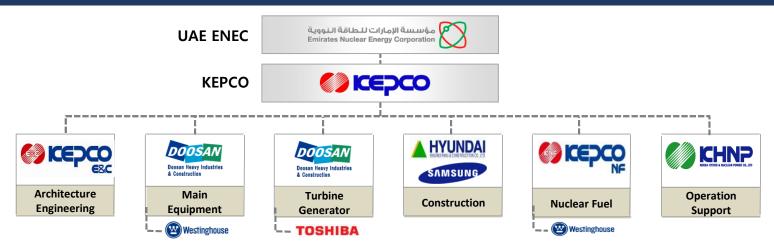


Overseas Business – UAE Nuclear Project

Project Overview

- Project Capacity: 5,600MW (APR* 1400 4 units)
- Contract Amount: USD19.1 Bn (Subject to change based on price escalation provisions)
- Contract Term: Dec. 2009 to Dec. 2020
- 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



* APR(Advanced Power Reactor



Appendix

General Information

(As of End of Sep. 2018)

Incorporation: January 26, 1898

Contributed Capital: KRW 4.1 trillion (USD 3.4 billion)

Major Business: Supply of Electric Power

(Generation, Transmission & Distribution)

Fiscal Year: From January 1 to December 31

Number of Employees: 47,351 (KEPCO + 6 GENCOs)

Head Office: 55 Jeollyeok-ro, Naju-si, Jeollanam-do, South Korea

Homepage: www.kepco.co.kr

Shareholders & Listing Status

(As of Jun.4th 2018)

Korean	KDB	33%	
Government 51%	Korean Government	18%	
Others	20%		
Foreigners	Underlying	24%	
29%	ADR	5%	
Shares Listed: 641,964,077 100%			

Underlying Shares
Officerrying Strates
Korea Stock Exchange
Listing: August 1989
Ticker: 015760 KS
ADR
New York Stock Exchange
Listing: October 1994
Ticker: KEP US

^{*} Underlying Shares: ADR = 1:2

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