



한국전력기술

2026 IR BOOK

A Global Technology Leader Pioneering the Future of Energy

July 2026

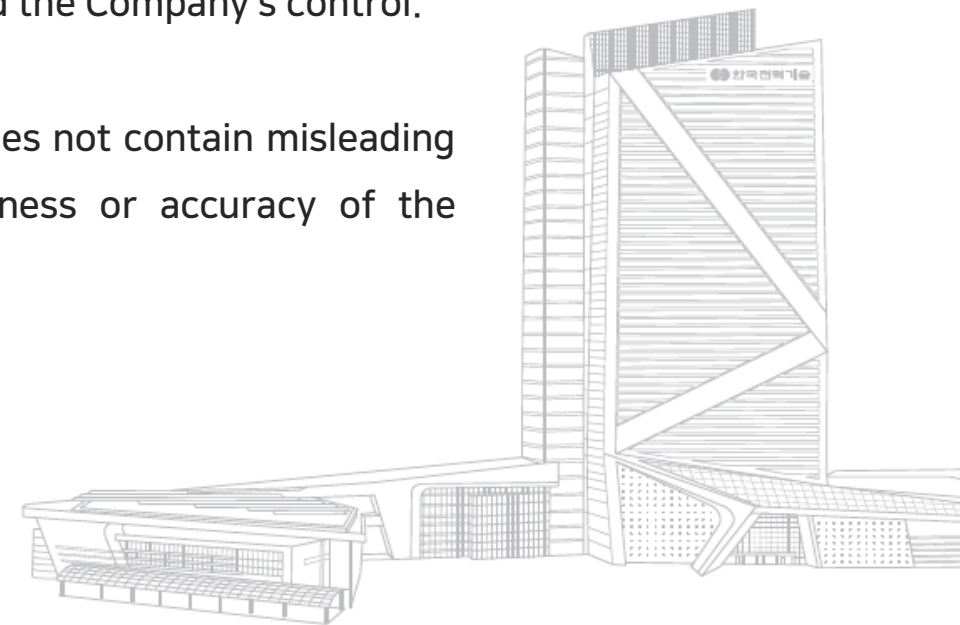
Disclaimer

This presentation has been prepared solely for the convenience of investors as reference material for investment decisions.

The forward-looking statements contained in this presentation are inherently subject to uncertainties. Please note that actual operating results may differ materially from those presented herein due to uncertainties arising from changes in market conditions and other risks beyond the Company's control.

While the Company has made every effort to ensure that this presentation does not contain misleading information, it makes no representation or warranty as to the completeness or accuracy of the information contained herein and assumes no legal liability for its content.

This presentation has been prepared in accordance with K-IFRS..

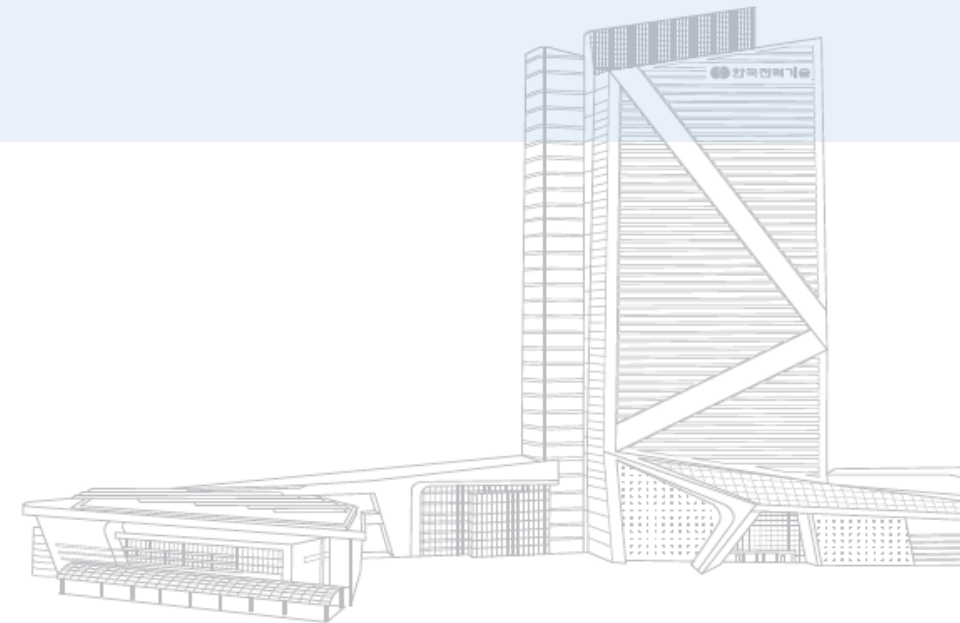


Contents

- I General Overview
- II Business Overview
- III Future Growth Business
- IV Financial Overview



I General Overview



General Overview

- | | | |
|----------------|---------------|---|
| 1975
- 1990 | • 1975.10 | Korea Atomic Burns & Roe established |
| | • 1977.04 | Designated as a dedicated institution for nuclear engineering |
| | • 1982.07 | Joined the KEPCO Group and was reorganized as KEPCO E&C |
| 1991
- 2010 | • 1997.01 | Acquired the NSSS business from the Korea Atomic Energy Research Institute |
| | • 2009.12 | Awarded the UAE Nuclear Power Plant Project |
| | • 2009.12 | Listed on KOSPI |
| 2011
- 2019 | • 2017.01 | Redesignation of public institution classification (Other public institution → Quasi-Market public corporation) |
| | • 2017.11 | Obtained EUR Certification for APR1400 Standard Design |
| | • 2019.08 | Obtained U.S. NRC Design Certification (DC) for APR1400 |
| 2020
- 2025 | • 2021 - 2024 | Commenced commercial operation of the UAE's Barakah Nuclear Power Plants Units 1-4 |
| | • 2023.03 | Obtained EUR Certification for APR1000 Standard Design |
| | • 2025.02 | Completed Jeju Hallim Offshore Wind Power Project (100MW) |
| | • 2025.12 | Awarded Dukovany Units 5 and 6 Nuclear Power Plant Project in the Czech Republic |
| | | |

→ Company Overview

Company Name	KEPCO Engineering & Construction Company, Inc.
President & CEO	Kim Tae-kyun
Headquarters	269 Hyeoksin-ro, Gimcheon-si, Gyeongsangbuk-do
Date of Establishment	October 1, 1975
Main Business	Nuclear and thermal power plant engineering, and renewable energy EPC projects
Organizations & Employees	5 divisions, 1 research institute, 2,336 employees
Listing Date	December 14, 2009

→ Financial Overview

Assets	KRW 885.5 billion	Revenue	KRW 518.8 billion
Liabilities	KRW 260.6 billion	Operating Income	KRW 35.5 billion
Equity	KRW 624.9 billion	Net Income	KRW 85.4 billion
Paid-in Capital	KRW 7.64 billion	Debt-to-Equity Ratio	41.7%
International Credit Rating	A2(Moody's)	Current Ratio	214.8%
Domestic Credit Rating	AA(NICE, Korea Ratings)		

KEPCO E&C's Core Competencies

World-Class Nuclear Power Plant Engineering Expertise Built on 50 Years of Experience



50 Years of Experience Dedicated to the Engineering of Domestic Nuclear Power Plants

- ✓ The only engineering company in Korea capable of designing domestic nuclear power plants (NPPs)
 - Independently performs both NSSS design and A/E services
 - Participated in the design of 35 out of 38 domestic and overseas NPPs
- ✓ Delivers responsible engineering services On Time, On Budget

Engineering Expertise Highly Experienced Nuclear Engineering Professionals

- ✓ Approximately 1,800 experienced engineering professionals
 - 700 with Master's or Ph.D. degrees, 160 Korean professional engineers, 913 engineer license holders, 712 PEs·PMPs

* PE : Professional Engineer(U.S. professional engineering license)

** PMP : Project Management Professional(U.S. project management certification)

Strengthening Nuclear Export Competitiveness through Certification of Export-Oriented Reactor Design

Nov. 2017
Obtained EUR Certification for the
APR1400 Standard Design

Mar. 2023
Obtained EUR Certification for the
APR 1000 Standard Design



Dec. 2009
Awarded the contract for
UAE Barakah Nuclear Power
Plant Units 1-4

Aug. 2019
Obtained U.S. NRC Design
Certification for the APR1400



Dec. 2025
Awarded the contract for
Dukovany Nuclear Power Plant
Units 5&6, Czech Republic



Industry Outlook & Key Issues

Domestic

Revitalizing the Nuclear Power Industry in Line with Government Policy

Reshaping the Energy Mix Based on the 11th Electric Power Supply Basic Plan

Projected Electricity Consumption in 2038
735.1Twh

Nuclear Power Share in 2038
35.2%

Carbon-Free Energy (CFE) Share in 2038
70%

New Nuclear Build
2+1(SMR)

- Projected electricity consumption of 735.1Twh by 2038, reflecting AI data center power demand
- Power generation mix taking into account energy security, efficiency, and carbon neutrality
- Continued use of nuclear power as carbon-free energy, targeting completion of two new large-scale nuclear power units by 2038 and one SMR unit by 2035
- Government-led development of the offshore wind industry ecosystem

Global

Growing Focus on the Nuclear Power Market Driven by Rising Global Electricity Demand

Global Energy Outlook and External Environment

2024  27,000 Twh
2050  50,000 Twh

- Greater use of nuclear power and expanded renewable energy deployment to achieve carbon neutrality
- (IEA) Accelerated AI development, surging power demand from data centers, and continued growth in energy demand through 2050 (27,000 Twh (2024) → 50,000 Twh (2050))
- (U.S.) New large-scale nuclear build, lifetime extensions for existing nuclear power plants, and accelerated SMR development
 - Targeting the launch of construction for 10 large-scale nuclear units by 2030
 - Accelerated development of SMR technology for AI data center power supply

Establishing a Leading Position in the Domestic Energy Market

- ✓ Strengthening competitiveness through proprietary nuclear engineering technology
 - Continued new large NPP engineering
 - Revenue expansion through O&M market growth
- ✓ Renewable energy business expansion
 - Participating in large-scale public-led offshore wind projects

Securing Engineering Leadership in the Global Nuclear Market

- ✓ Strengthening export competitiveness through the successful delivery of UAE BNPP project
- ✓ Leading the global nuclear market leveraging the Czech nuclear project award

Strengthening Technology Development Capabilities to Drive Future Growth

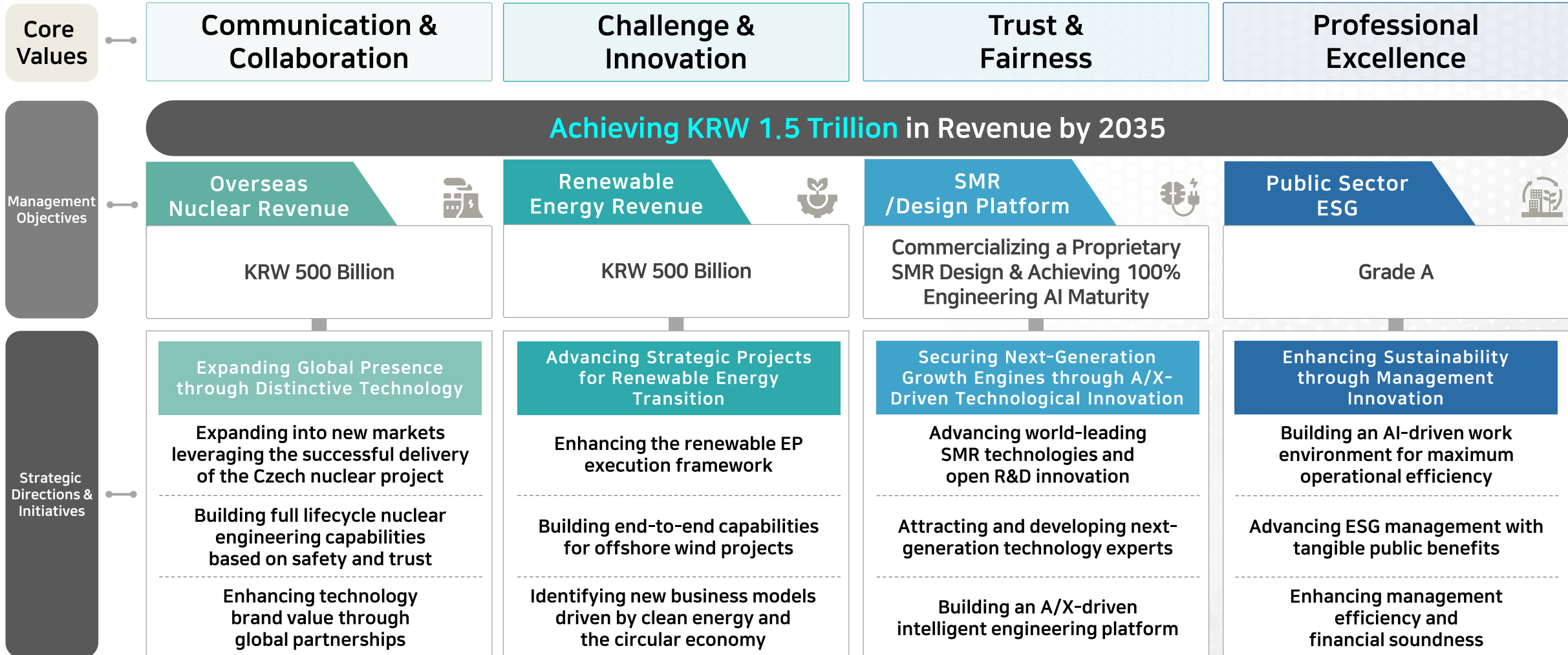
- ✓ Developing i-SMR technology to strengthen competitiveness in the SMR market
 - Targeting commercialization by 2035
- ✓ Developing the proprietary maritime SMR design (BANDI)

Expanding Shareholder Returns through a Robust Revenue Base

- ✓ Expanding shareholder returns in line with government policy as a listed public enterprise
- ✓ Maintaining a high dividend payout ratio through sustained revenue growth

2035 Mid- to Long-term Management Strategy

Vision 2035 A Global Technology Leader Pioneering the Future of Energy

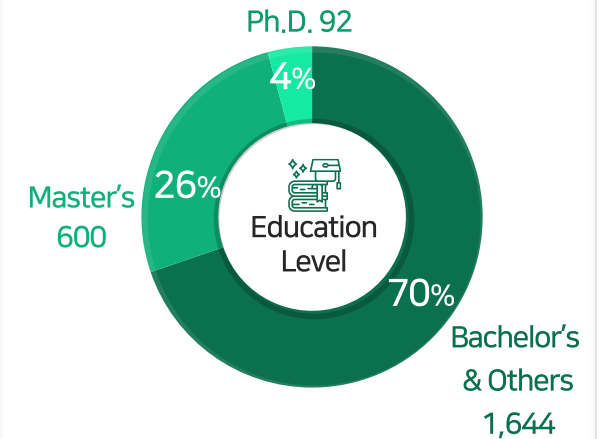


Key Industry Roles and Workforce Overview

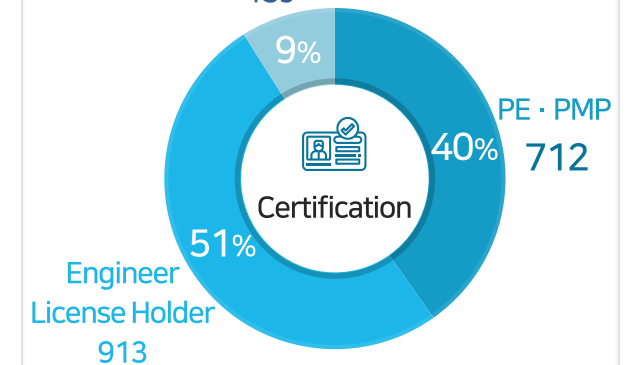
(Power Industry) Providing Engineering Services as the Dedicated Engineering Arm of the KEPCO Group



Workforce Overview (Total: 2,336 Employees)



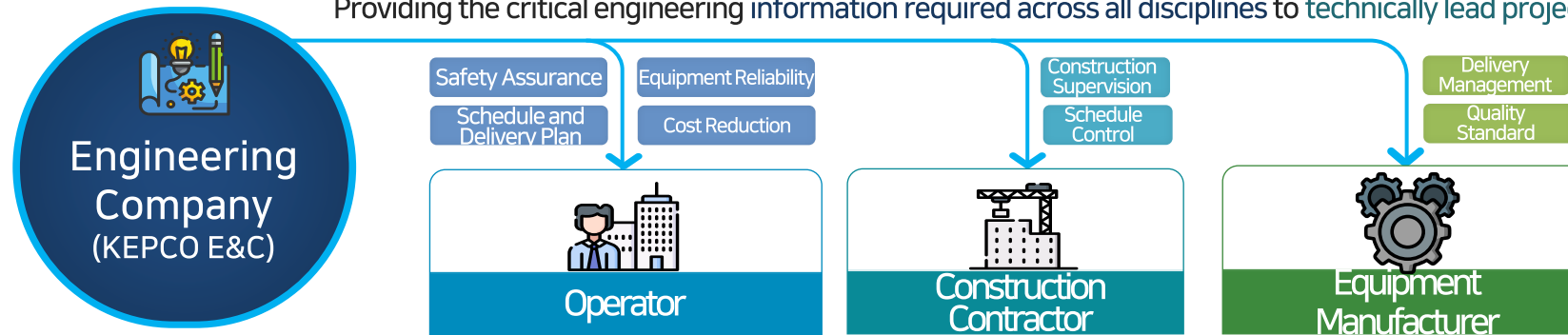
Professional Engineer 159



Approximately 1,800 Highly experienced engineering professionals

(KEPCO E&C's Role) A Technical Hub Covering Planning, Engineering, Procurement, Commissioning, O&M, and Other Services

Providing the critical engineering information required across all disciplines to technically lead projects



KEPCO E&C's Role in Nuclear Power Plant Construction Projects

Nuclear Power Plant Construction Ecosystem



Power Plant Design and Engineering

[The Only Korean Company with Independent NSSS Design and A/E Capabilities]

- ✓ Project scheduling and economic evaluation
- ✓ Geological and hydrological evaluation
- ✓ Site layout
- ✓ Cooling system design
- ✓ Fluid system design
- ✓ Mechanical design
- ✓ Equipment layout and piping design
- ✓ Structural design
- ✓ Architectural design
- ✓ Seismic analysis
- ✓ Electrical system design
- ✓ Instrumentation and control (I&C) system design
- ✓ Safety analysis
- ✓ Equipment qualification
- ✓ Probabilistic safety assessment (PSA)
- ✓ Material quality control
- ✓ Aging assessment
- ✓ Configuration management
- ✓ Licensing
- ✓ Commissioning technical support

Power Plant Construction

- ✓ Construction package specifications
- ✓ Detailed system and structural design documents



DOOSAN 두산에너지빌리티



Major Equipment Manufacturing

- ✓ Major equipment design specifications
- ✓ Supplier document review and approval

Auxiliary Equipment Manufacturing

- ✓ Auxiliary equipment procurement specifications
- ✓ Supplier document review and approval

Auxiliary Equipment Suppliers

한국전력공사

한국수력원자력

Project Management

- ✓ Licensing documents
- ✓ Licensing technical support
- ✓ Project scheduling
- ✓ Construction cost estimation

Commissioning

- ✓ Commissioning procedure documents
- ✓ Commissioning technical support

한전KPS(주)

Business Portfolio



Power Plant Engineering

Engineering for Nuclear, Coal-Fired, LNG and Other Power Plants

Site Evaluation



Feasibility Study



Design
(Conceptual/
Basic/Detailed)



Procurement
Support



Construction
Supervision &
Commissioning Support



Performance Maintenance & Decommissioning

Enhancing Safety, Cost-Effectiveness, and Environmental Performance

Performance Maintenance



Enhancing the Environmental Performance of Seismic and Other Safety Systems



Plant Life Extension



Decommissioning & Site Restoration



Renewable Energy

2050 Carbon Neutrality & Green Growth Projects

Offshore Wind Power



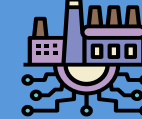
Biomass Energy



Waste-to-Energy (WtE)



Hydrogen Energy



Digital Transformation

Digital Transformation Projects Leveraging Fourth Industrial Revolution Technologies

Digital Power Plants



Cybersecurity



Energy Storage System (ESS)



Energy Management System(EMS)



Power Plant Asset Management



Power Technology R&D

Advancing and Commercializing Power Engineering Technologies

Participating in National Energy Technology R&D Programs



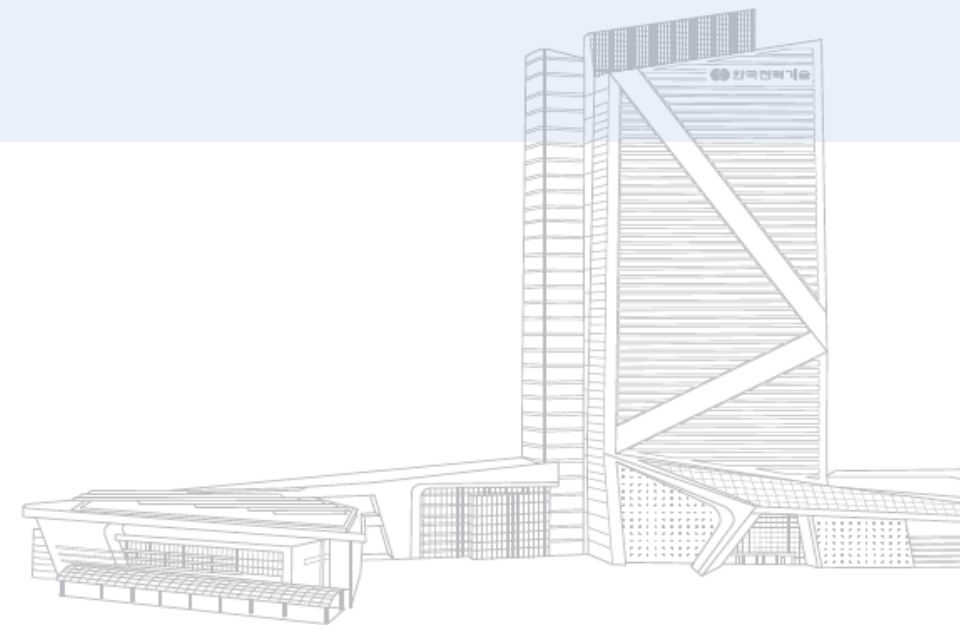
Independent Core Technology R&C



Public-Private Collaborative R&D



II Business Overview



Domestic and Overseas Nuclear Power Plant Construction Projects

Achieving Self-Reliance in Nuclear Power Plant Design Technology & Developing Korean-Type Reactor Designs

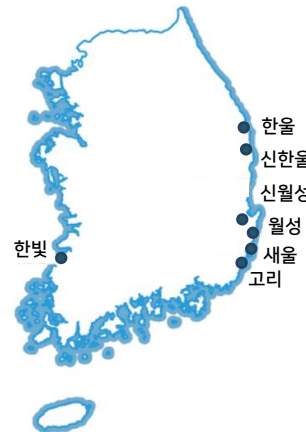


- Exclusive engineering provider for Korea's nuclear power plants
 - Korea's only nuclear power plant engineering company
 - A world-class engineering company with independent **NSSS design and A/E** capabilities
- Developing engineering technologies for power plants of various capacities to meet customer needs and maintaining world-class technical expertise
 - Continuously advancing reactor designs and capacity upgrades based on globally recognized engineering technologies and over 50 years of expertise
 - Engineering expertise in **Korean-type nuclear power plants (OPR1000 and APR1400)** and **Korean-type coal-fired power plants (500 MW/800 MW/1,000 MW classes)**
- A leading power plant engineering company advancing global carbon neutrality
 - Strengthening the position as a leading **engineering company for nuclear and combined cycle power plants**, driving sustainable energy generation
 - Leading carbon-neutral engineering through the expansion of Korean standard combined cycle demonstration projects and continued participation in ammonia- and hydrogen co-firing power generation projects.

Nuclear power plant engineering technologies and track record

- Participated in the engineering of 35 out of 38 nuclear power plants in Korea and overseas (including plants under construction and permanently shut down)

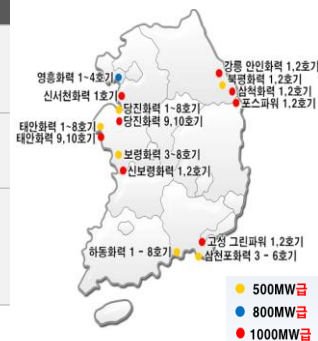
Reactor	Capacity	Power Plant	Key Features
OPR1000	1000MW	Hanbit Units 3-6 Hanul Units 3-6 Shin Kori Units 1-2 Shin Wolsong Units 1-2	• Developed the Korean Standard Nuclear Power Plant • Achieved self-reliance in nuclear power plant engineering
CANDU6	700MW	Wolsong Units 1-4	• Heavy water reactor • Co-engineered with AECL of Canada
APR1400	1400MW	Saeul Units 1-4 Shin Hanul Units 1-4 UAE Barakah Units 1-4	• Generation III+ reactor • Flagship reactor for domestic deployment • Exported to the UAE
APR1000	1000MW	Dukovany Units 5-6, Czech Republic	• Reactor evolved from APR1400 • Developed for the European market • Exported to the Czech Republic



Thermal power plant engineering technologies and track record

- Participated in the engineering of 55 large-scale (500 MW and above) coal-fired power plants and 40 combined cycle power plant engineering projects

Category	Capacity	Key Features
Coal-Fired Power Plant	500MW	• First Korean-type supercritical coal-fired power plant • Environmentally friendly engineering
	800MW	• Enhanced economic viability and thermal efficiency
	1000MW	• Ultra-supercritical high-efficiency • Large-capacity engineering capabilities • Developed ammonia co-firing power generation technology (Shin Boryeong, Dangjin)
Combined Cycle Power Plant		• Engineered high-efficiency, environmentally friendly Korean standard combined cycle power plants based on Korean-developed gas turbines (Boryeong, Ulsan, Bundang, etc.) • Expanded EPC execution capabilities in Korea and overseas (Hanju, Indonesia, etc.) • Integrated new eco-friendly technologies, including hydrogen co-firing and WtE



Strengthening Competitiveness for Nuclear Power Plant Exports

- Analyzing country-specific design requirements
- Establishing country-specific design criteria
- Developing new reactor designs
- Developing country-specific designs
- Performing conceptual and basic design
- Preparing design documentation

1. Export-Oriented Reactor Development



- Developing EU-APR for Finland (2014)
- Developing APR1000 for the Czech Republic (2022)
- Developing APR1400 for Europe and Middle East (2024)

2. Overseas Design Certification



- Assessing compliance with EUR and NRC requirements
 - Assessing compliance with country-specific requirements
 - Preparing design documentation for design certification
 - Responding to certification review questions
 - Supporting certification review activities
- APR1400 NRC Design Certification (2015)
 - EU-APR EUR Design Certification (2017)
 - APR1000 EUR Design Certification (2023)

3. Business Development



- Delivering technical presentations to target countries
 - Responding to Requests for Information (RFI)
 - Feasibility Study (FS)
 - Conducting site assessments
- Responding to RFI for the Czech New Nuclear Project (2015)
 - Delivering technical presentation to the Czech Ministry of Industry (2015)
 - Preparing the Poland FS Proposal (2023)
 - Delivering technical presentation to the Saudi Owner (2023)
 - Conducting the Netherlands feasibility study (2024)
 - Delivering presentation to the Finnish nuclear regulator (2024)
 - Delivering Technical presentation in Vietnam (2024)
 - Engaging in WEC technical exchange workshop (U.S.) (2025)

4. Bidding

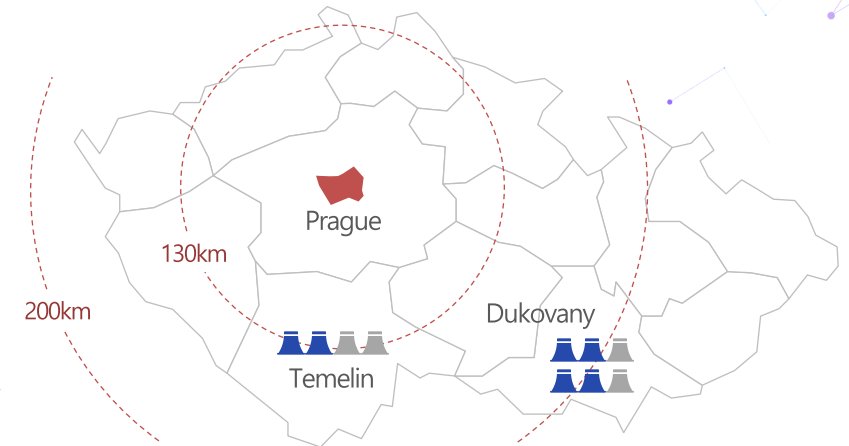


- Preparing technical bid proposals
 - Developing project schedules and estimating construction costs
 - Conducting bid negotiations
 - Responding to owner requirements
- Bidding for the Finland Olkiluoto 3 (OL3) Project (2013)
 - Bidding for the Czech Dukovany Nuclear Power Plant Project (2023)
 - Preparing the technical bid for the Saudi Nuclear Power Plant Project (2024)

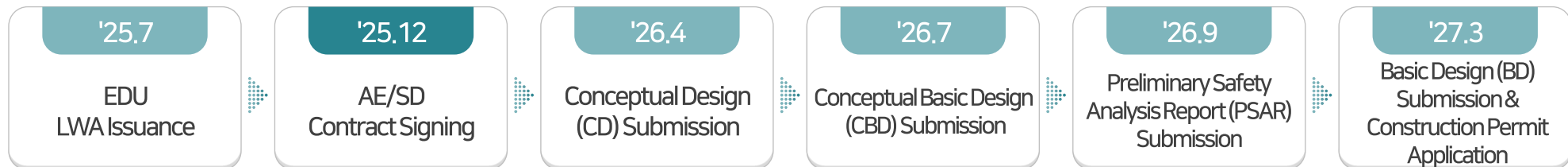
Czech Nuclear Power Plant Construction Project Status

➔ New Construction of Dukovany Units 5 & 6

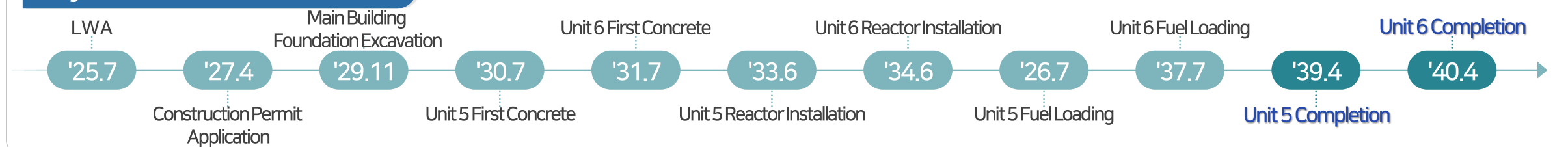
Project	Dukovany Units 5 & 6 Nuclear New-Build Project, Czech Republic
Owner	Elektrarna Dukovany II a.s. (EDU II) *80% owned by the Czech Government and 20% by CEZ
Scope	Construction of Two APR1000 Units
Period	2025-2039/2040 (14/15 Years) *Based on Final Turn Over (FTO)
Cost	USD 18.6 Billion (Approx. KRW 26 Trillion) / Engineering Contract: EUR 1,007 Million



Key Early Engineering Milestones



Major Construction Milestones



Nuclear Power Plant O&M and Back-End Services

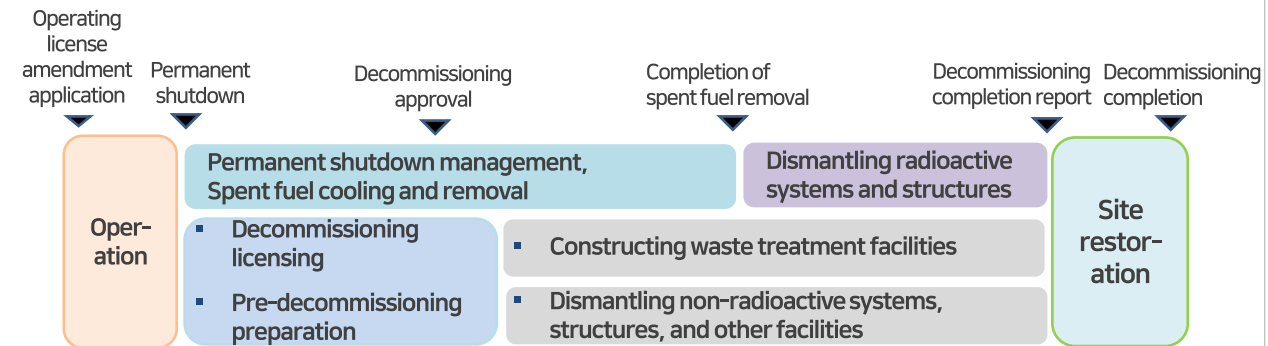
Nuclear Power Plant O&M Services



- Developing technologies for seismic response, safety enhancements, and severe accident mitigation to meet evolving safety requirements
- Preparing for long-term operation projects for nuclear power plants nearing the end of their design life
- Major O&M Services
 - **Providing technical solutions to operational issues**
 - Plant modifications and upgrades
 - Replacing major equipment
 - Power uprates
 - Providing technical support for licensing and compliance with new regulatory requirements
- Major Projects
 - Long-Term Engineering Agreement (LTEA) for the Barakah Nuclear Power Plant (2018–2031)
 - Emergency technical support for operating nuclear power plants (2025–2026)

Nuclear Decommissioning and Back-End Services

▪ Nuclear Decommissioning Process



- What Is Nuclear Decommissioning?
The process of permanently shutting down the licensed or designated nuclear facility, followed by dismantling the facility and decontaminating the site in accordance with the Nuclear Safety Act.
 - Major Decommissioning Services
 - **Licensing, safety assessment, decommissioning project management**
 - Detailed pre-decommissioning characterization, detailed decommissioning and dismantling planning, radioactive waste treatment facility design
 - Major Projects
 - Kori Unit 1 decommissioning A/E services (2018–2030)
 - Wolsong Unit 1 pre-decommissioning characterization services (2022–2026)
 - Detailed design services for the radioactive waste treatment facility for CANDU decommissioning (2024–2029)
- * Permanently shut down nuclear power plants in Korea: Kori Unit 1 (Jun. 2017), Wolsong Unit 1 (Dec. 2019)

Major Contracts(A/E&NSSS)

As of Dec. 31, 2025

(Unit : KRW 100 million)

Category	Owner	Project	Period	Contract Value
A/E	KHNP	A/E services for Saeul Units 3 & 4 (Former Shin Kori Units 5 & 6)	2014.04 - 2026.11	5,174
		A/E services for Shin Hanul Units 3 & 4	2016.03 - 2033.10	4,681
		Detailed design services for MACST system integration for severe accident management	2020.12 - 2028.12	546
		A/E services for Dukovany Units 5 & 6, Czech Republic	2025.12 - 2038.04	12,395
		Emergency technical support services for operating nuclear power plants (2025)	2025.04 - 2026.04	310
		Preparing Licensing documentation for APR1000 standard design certification (NSSS & A/E)	2023.10 - 2027.10	388
		A/E services for the CTRF construction project, Romania	2023.11 - 2027.09	393
	KEPCO	A/E services for the UAE nuclear power plants	2010.03 - 2026.12	8,493
		Technical support services for KEPCO at the UAE nuclear power plants	2010.03 - 2026.12	640
	Nawah Energy Company	Long-Term Engineering Agreement (LTEA) for The Barakah Nuclear Power Plant	2018.01 - 2031.01	3,400
NSSS	Doosan Enerbility	NSSS design services for Dukovany Units 5 & 6, Czech Republic	2025.12 - 2038.04	3,718
		NSSS design services for the UAE nuclear power plants (Contract extension under discussion)	2010.06 - 2026.12	1,902
		NSSS design services for Saeul Units 3 & 4 (Former Shin Kori Units 5 & 6)	2014.08 - 2026.11	1,953
		NSSS design services for Shin Hanul Units 3 & 4	2023.03 - 2033.10	1,651
	Nawah Energy Company	Long-Term Engineering Agreement (LTEA) for the Barakah Nuclear Power Plant	2018.01 - 2031.01	900

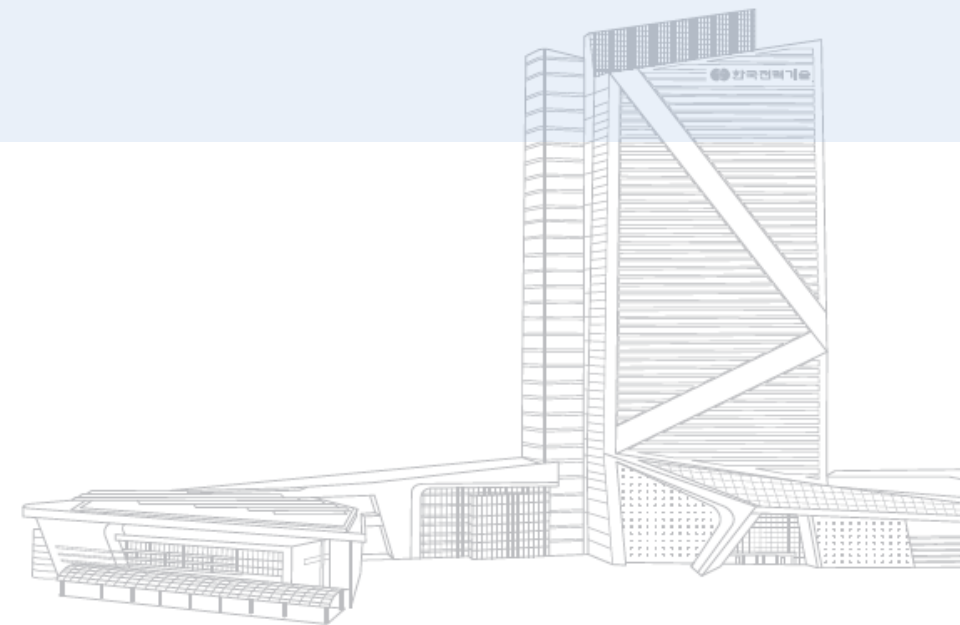
Major Contracts^(New Energy)

As of Dec. 31, 2025

(Unit : KRW 100 million)

Category	Owner	Project	Period	Contract Value
New Energy	Korea Midland Power Co., Ltd. (KOMIPO)	A/E Services for Shin Seocheon Thermal Power Plant Construction Project	2014.06 – (Temporarily Suspended)	709
	Nexus Green Energy	EPC for Sinan Eupdong Nexus ESS Power Plant Construction Project	2025.12 - TBD	427
	Korea South-East Power Co., Ltd. (KOEN)	A/E Services for Goseong LNG Combined Cycle Power Plant Project	2020.06 - 2027.07	285
	Korea East-West Power Co., Ltd. (EWP)	A/E Services for Sinhonam & Sinilsan Combined Cycle Power Plant Construction Project	2025.07 - 2031.03	366
	Korea East-West Power Co., Ltd. (EWP)	A/E Services for Eumseong Combined Cycle Power Plant Construction Project	2019.12 - 2027.03	278
	Gyeongju Clean Energy Co., Ltd.	EPC for Wangsin Fuel Cell Power Plant Project	2022.11 - TBD	1,997
	PLN (State Electricity Company of Indonesia)	EPC for PLN Engine Power Plant Package Project (Sumbawa-2)	2023.11 - TBD	298
		EPC for PLN Engine Power Plant Package Project (Tobelo-2)	2023.11 - TBD	307

III Future Growth Business



Renewable Energy Business

Government Policy on Renewable Energy

2030 Nationally Determined Contribution (NDC) Target

- ✓ Energy transition through the deployment of 100GW of renewable energy by 2030

Offshore Wind Power Development Strategy Under the New Administration

Expand
Deployment

Deployment target: 10.5GW by 2030 / 25GW by 2035

Enhance Cost
Competitiveness

KRW 250/kwh or less by 2030 /
KRW 150/kwh or less by 2035

Remove
Uncertainties

Announcement of the 2035 Long-Term Offshore Wind
Auction Roadmap

VISION 2035 Mid- to Long-term Management Strategy

Strategic Direction Fostering Strategic Projects for the Renewable Energy Transition

Initiative1 Reorganizing Renewable Energy EP Execution Framework

- ✓ Expanding into the global carbon-neutral EP market
- ✓ Recruiting and developing procurement engineering professionals
- ✓ Establish a strategic SCM system and procurement-engineering collaboration platform

* SCM : Supply Chain Management

Initiative2 Strengthen End-to-End Offshore Wind Solution Capabilities

- ✓ Securing more EP contracts for large-scale public-led offshore wind projects
- ✓ Securing and localizing site-specific core technologies for offshore wind
- ✓ Enhancing capabilities to secure FEED and project management contracts

Energy Transition: Opportunities for Offshore Wind-Led Renewable Energy Business Expansion

Securing a Competitive Edge in Full-Lifecycle Engineering Capabilities, including FEED

- ✓ Localizing engineering technologies and strengthening market competitiveness
 - Strategic partnership with ***, a leading engineering company
 - Securing offshore structural engineering capabilities
- ✓ Providing engineering services for wind power projects under the fixed-price contract auction

Advancing as an Equity-Investing EP Company

- ✓ Strengthening strategic partnerships with equipment manufacturers (including private supply chain management) and construction companies
- ✓ Playing a leading role in project development as an equity investor
- ✓ Leveraging engineering capabilities to expand participation in EP projects and drive revenue growth

Accelerating Expansion into Overseas Markets

- ✓ Leveraging FEED capabilities and EPC execution experience to expand overseas business
- ✓ Pursuing joint project development with KEPCO and state-owned power generation companies
- ✓ Participating in feasibility studies for overseas development projects supported by KIND, KEXIM, and other institutions

Renewable Energy Business

Execution of Korea's First Large-Scale EP Project for the Jeju Hallim Offshore Wind Farm (A/E + Wind Turbine Supply)

- ✓ KEPCO E&C's Role in Leading Project Origination and Development, Establishing the SPC, and Serving as an Equity Investor and EPC Contractor (Project Value: KRW 222.3 Billion)



Dec. 2017	Nov. 2019	Aug. 2020	Dec. 2020	Mar. 2021	Feb. 2025
SPC Established	Major Equipment Selected	Regulatory Approvals Obtained	Preliminary Engineering	EPC Contract Signed	Commercial Operation

Strengthening Technical Expertise for Clean and Renewable Energy Projects

- ✓ Strengthening Technical Expertise for Clean and Renewable Energy Projects to Respond to Energy Sector Challenges, Including Climate Change, Energy Security, and Carbon Neutrality
 - Developing green hydrogen production and power generation technologies and pursuing project participation
 - Pursuing large-scale offshore wind project expansion and consinuously advancing technology through world-class technical expertise
 - Securing an early market position and competitive advantage under the Clean Hydrogen Portfolio Standard (CHPS)
 - Building core technologies for eco-friendly WtE projects based on pyrolysis and gasification technologies
 - Developing global ESS projects and demonstration technologies for ESS EMS algorithms



SMR Market Status and Outlook

— 세계 SMR 개발 현황



출처: Advances in Small Modular Reactor Technology Developments (2022), IAEA

SMR Market Outlook

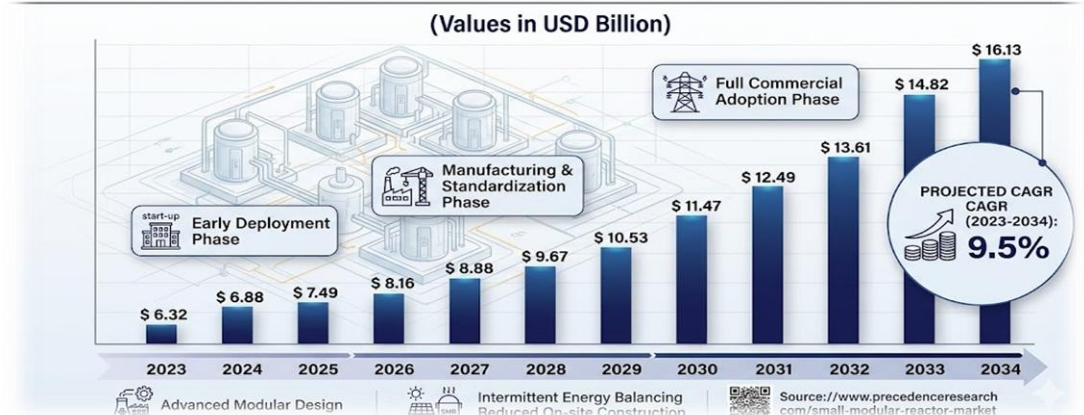
- Expected investment volume of approximately **USD 60 billion** by 2035
- Replacement of conventional power sources (coal phase-out, aging nuclear power plant replacement, and power generation for small and medium-sized countries and island communities)
- Growing demand for non-power, multi-purpose applications (hydrogen production, district heating, seawater desalination, etc.)
- Growth supported by policy initiatives and financing mechanisms (government-led projects + private investment)

SMR Market Status

- SMR market estimated at approximately **USD 7.5 billion**
- Expanding participation of global companies across the entire value chain, including design, EPC, and fuel supply
- Acceleration of construction and demonstration projects (operational in China and Russia / demonstration projects underway in the U.S. and Canada / GDA review in the U.K.)
- Formation of industrial clusters through vertically integrated supply chains involving governments, state-owned enterprises, and private companies

Precedence
RESEARCH

Small Modular Reactor (SMR) Market Size Forecast: 2023 - 2034



SMR Development Status

SMR Development Status

Complementing Renewable Energy Intermittency + Meeting Electricity, Heat, and Water Demand + Integration with Hydrogen Production and Other Applications + Providing Grid Flexibility + Responding to Climate Change

SMART(100MWe)

- Reactor developer : Korea Atomic Energy Research Institute (KAERI)
- First SMR to obtain standard design approval (KEPCO E&C provided BOP A/E services)

Innovative SMR(i-SMR) Development(177MWe)

- Lead organization : i-SMR Development Agency
- KEPCO E&C's role : A/E & NSSS design
- Targeting the U.S. NuScale as a key competitor (standard design approval by 2028, commercial operation by 2035)

BANDI(60MWe)

- Reactor developer : KEPCO E&C
- KEPCO E&C's proprietary maritime floating SMR design (under development) (electricity production, seawater desalination, heat production, etc.)

Technical Characteristics of SMR

Why SMRs Are Needed



Ensuring Stable Domestic Power Supply ← Enhancing Energy Security
Complementing Renewable Energy Intermittency with Baseload Power ← Advancing Carbon Neutrality
Meeting Growing Demand from Data Centers and Other Emerging Sectors ← Industrial Diversification
Promoting SMR Exports ← Strengthening Export Competitiveness

Modularity → Reduced Construction Time and Improved Quality Control

Passive Safety → Automatic Cooling during Accident Conditions

Siting Flexibility → Deployable in Urban Areas, Industrial Complexes, and Remote Regions

Versatility → Hydrogen Production and Other Applications Using High-Temperature Heat



Innovative SMR(i-SMR) Development Status

“ Executing 10 out of the 21 National SMR Technology Development Projects (KRW 95 Billion) ”

i-SMR NSSS Design

Conceptual & Basic Design('21~'23)

i-SMR A/E

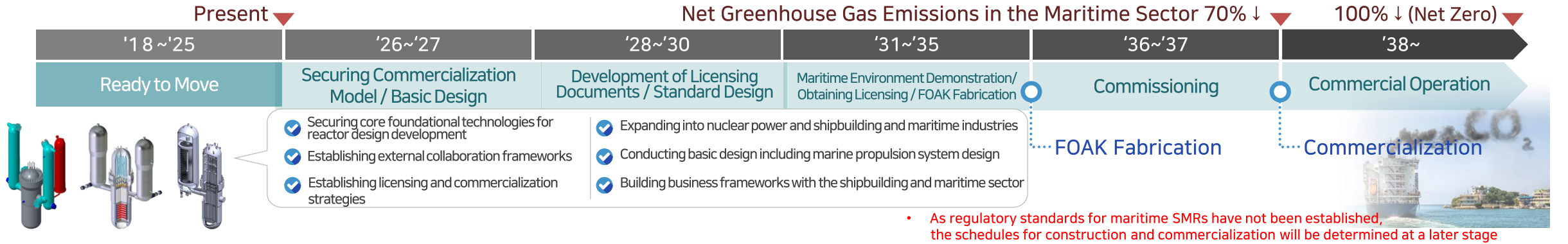
Standard Design('23~'25)

Licensing ('26~'28)

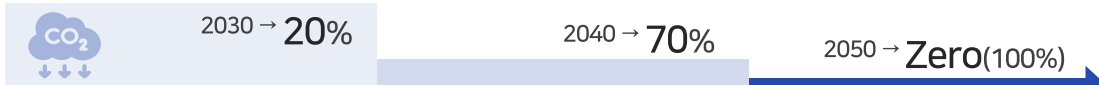
- Leading and executing key tasks, including NSSS design and BOP A/E
- Participating in the i-SMR intellectual property working group and ongoing commercialization discussions
- Strengthening collaboration with the public-private SMR Alliance, the i-SMR Development Agency, and other SMR stakeholders
- Building Partnerships with the European Industrial Alliance on Small Modular Reactors
 - Participating in TWG(Technical-Working Group)-2 : Technology and R&D

Development of BANDI: KEPCO E&C's Proprietary Maritime SMR Design

Maritime SMR Design Development



IMO Net Zero Roadmap for the Maritime Sector



Market Differentiation through Maritime SMR Development

- ✓ Focus on land-based SMR development → Differentiation through maritime power generation and propulsion
- ✓ Carbon reduction + Increasing vessel size → Growing need for marine propulsion SMRs

Total Solution Provider

1. Leveraging Korea's World-Leading Capabilities in Nuclear Power and Shipbuilding Industry
2. Securing Growth Engines through AX-Based Technological Innovation
3. Entering the Floating Nuclear Power Plant (FNPP) and Nuclear Propulsion Markets
4. Leading Licensing and Regulatory Standards
5. Building an Industrial Ecosystem and Advancing Manufacturing Innovation

Maritime SMR Design Development based on Public-Private Cooperation

Waste management & decommissioning

Nuclear fuel cycle

Supply chain

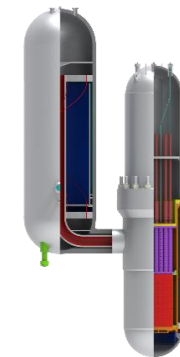
Port regulations & accessibility

International cooperation

Liability & insurance

Nuclear security & safeguards

BANDI



Workforce development

Design · manufacturing · O&M

Nuclear handling yard

Operating & business models

Nuclear & maritime regulatory framework

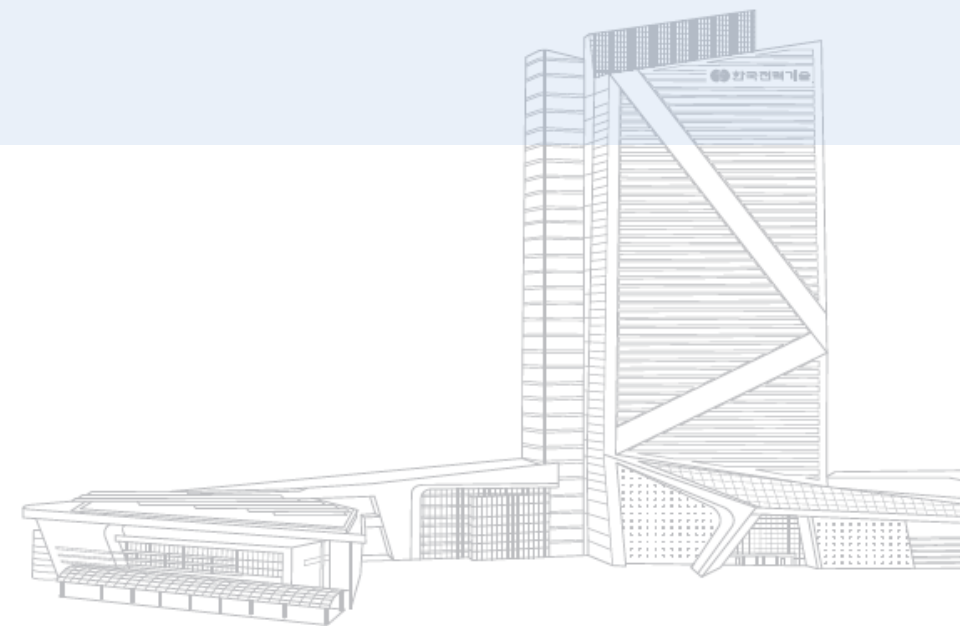
Licensing

IAEA, IMO standards

Vessel orders from shipowners & cargo owners

Leveraging World-Leading National Capabilities in "Nuclear Power" + "Shipbuilding"

IV Financial Overview



Financial Performance

(Consolidated Statement of Comprehensive Income (January 1 - December 31, 2025))

(Unit : KRW million, %)

Category	2025 (A)	2024 (B)	Change		4Q 2025 (D)	4Q 2024 (E)	Change(Based on 4Q)	
			Amount(C=A-B)	Change(%) (C/B)			Amount (F=D-E)	Change(%) (F/E)
Revenue	518,768	569,494	(50,726)	-8.9%	194,254	201,872	(7,618)	-3.8%
Cost of Sales	406,087	419,546	(13,459)	-3.2%	150,579	137,342	13,237	9.6%
SG&A Expenses	77,229	79,011	(1,782)	-2.3%	28,488	28,458	30	0.1%
Operating Income	35,452	70,937	(35,485)	-50.0%	15,187	36,072	(20,885)	-57.9%
Financial Income	6,391	8,419	(2,028)	-24.1%	1,160	2,411	(1,251)	-51.9%
Financial Costs	134	81	53	65.4%	29	(2)	31	1,550.0%
Other Income	2,445	1,271	1,174	92.4%	472	178	294	165.2%
Other Expenses	5,778	4,632	1,146	24.7%	491	3,396	(2,905)	-85.5%
Other Gains (Losses)	70,420	393	70,027	17,818.6%	(8,585)	262	(8,847)	-3,376.7%
Share of Profit (loss) of Associates and Joint Ventures	620	(84)	704	838.1%	1,498	(238)	1,736	729.4%
Profit Before Tax	109,416	76,223	33,193	43.6%	9,212	35,291	(26,079)	-73.9%
Income Tax Expense (Benefit)	24,048	17,711	6,337	35.8%	1,337	8,919	(7,582)	-85.0%
Net Income	85,368	58,512	26,856	45.9%	7,875	26,372	(18,497)	-70.1%

Financial Performance

(Condensed Consolidated Statement of Financial Position, December 31, 2025)

(Unit : KRW million, %)

Category	Year-end 2025 (A)	Year-end 2024 (B)	Change(A-B)	Change(%) (A-B)/B
Current Assets	549,740	575,754	(26,014)	-4.5%
Non-Current Assets	335,805	371,093	(35,288)	-9.5%
Total Assets	885,545	946,847	(61,302)	-6.5%
Current Liabilities	255,975	361,039	(105,064)	-29.1%
Non-Current Liabilities	4,604	8,334	(3,730)	-44.8%
Total Liabilities	260,579	369,373	(108,794)	-29.5%
Share Capital	7,644	7,644	0	0.0%
Reserves	542,101	530,359	11,742	2.2%
Unappropriated Retained Earnings	85,486	49,747	35,739	71.8%
Other Components of Equity	(10,265)	(10,276)	11	0.1%
Total Equity	624,966	577,474	47,792	8.2%

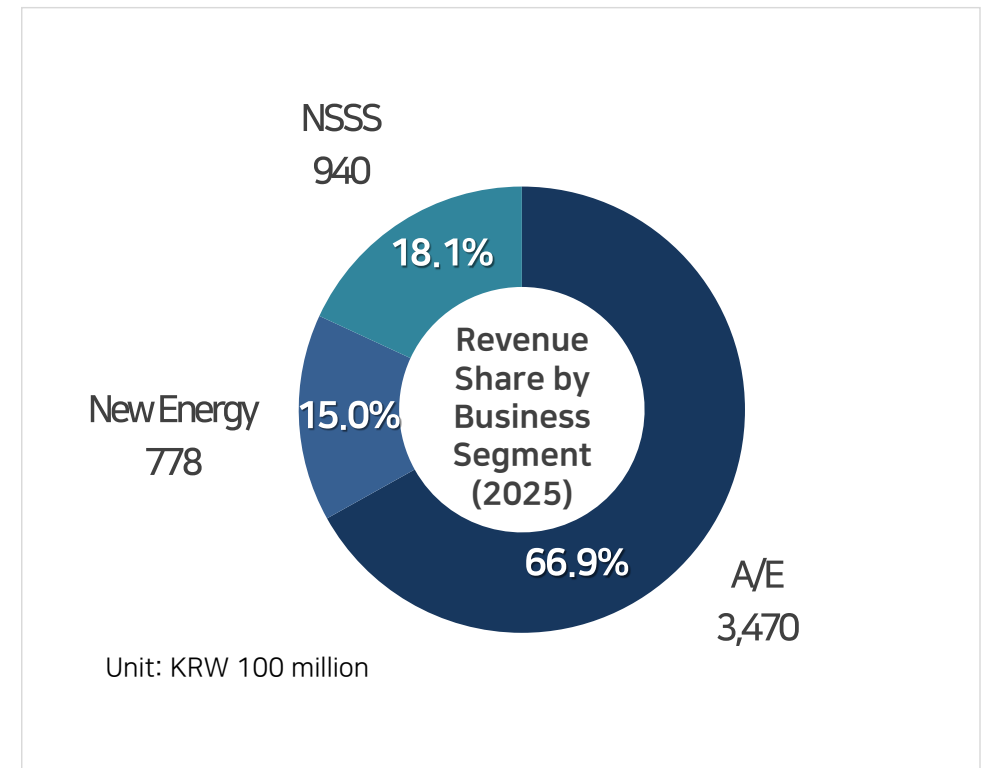
Revenue Performance

→ Revenue Performance by Business Segment

(Unit : KRW million, %)

Business Segment	Category	Year-end 2025(Cumulative)		Year-end 2024(Cumulative)	
		Revenue	Share(%)	Revenue	Share(%)
A/E	Engineering	248,784	48.0%	255,199	44.8%
	O&M	98,168	18.9%	84,364	14.8%
	Subtotal	346,952	66.9%	339,563	59.6%
New Energy Business	Engineering (Including Coal-fired and Combined-Cycle Power Plants)	40,289	7.8%	48,756	8.6%
	O&M	5,342	1.0%	11,844	2.0%
	Environmental and Renewable Energy	21,031	4.1%	23,732	4.2%
	Others	11,148	2.1%	42,104	7.4%
	Subtotal	77,810	15.0%	126,436	22.2%
NSSS	Engineering	80,893	15.6%	87,000	15.3%
	O&M	13,113	2.5%	16,495	2.9%
	Subtotal	94,006	18.1%	103,495	18.2%
Total		518,768	100.0%	569,494	100.0%

→ Revenue Performance by Division



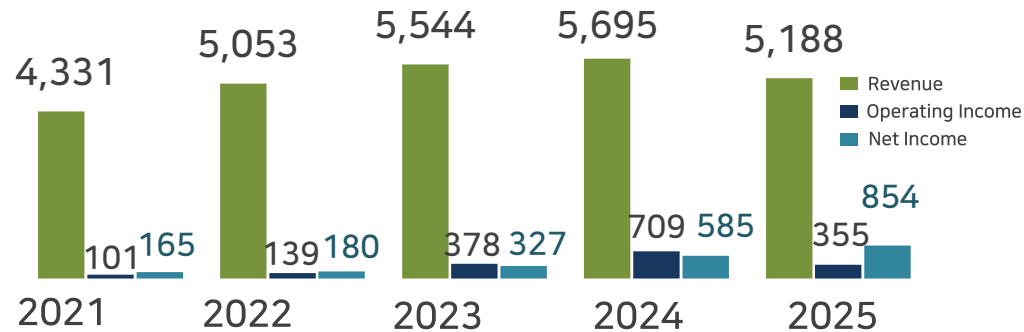
Profit and Loss Overview and Key Drivers of Change

- A year-on-year revenue decline due to the delayed award of the Czech Dukovany Nuclear Power Project, schedule delays in large-scale domestic nuclear projects(Shin Hanul Units 3 and 4), and the entry of Saeul Units 3 and 4 into the completion phase
- A revenue decline resulting from the imminent completion of the Indonesia EPC project and delays in awarding new projects, including renewable energy EPC projects
- Recognition of government project income related to SMRs and other initiatives as operating revenue, following a change in accounting policy (previously recorded as non-operating income)
- Record-high net income of KRW 85.4 billion, driven by the recognition of KRW 79 billion in gains from the disposal of the former office building

Key Financial Indicators

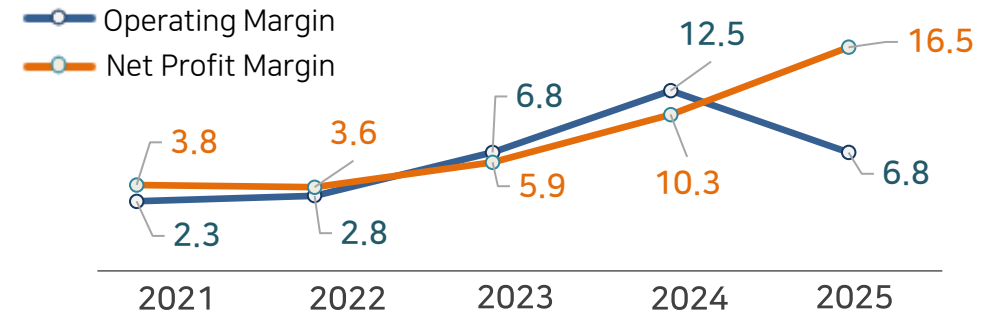
Income Statement

(Unit : KRW 100 million)



Profitability Indicators

(Unit : %)

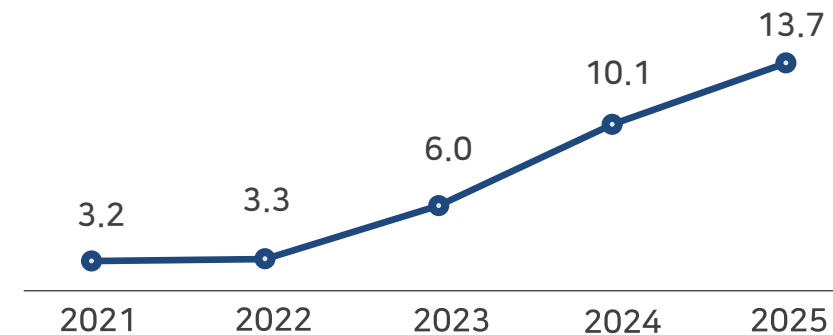


Financial Stability Indicators

Category	2021	2022	2023	2024	2025
Current Ratio(%)	139.7	153.8	180.7	159.5	214.8
Det-to-Equity Ratio(%)	37.4	50.3	56.2	64.0	41.7

Return on Equity (ROE)

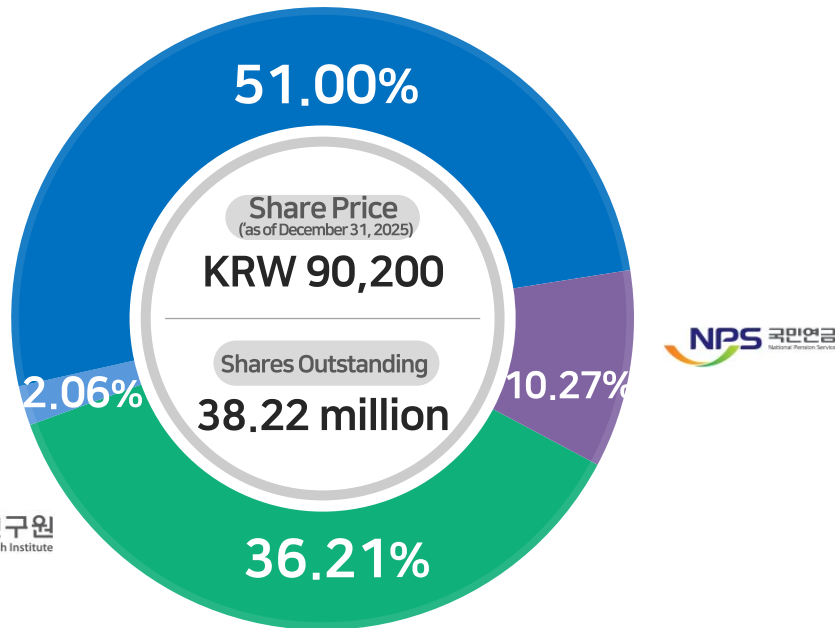
(Unit : %)



Shareholding Structure & Dividend Performance

Shareholding Structure (As of December 31, 2025)

※ Listed on KOSPI (December 14, 2009)



Others

- Treasury Stock, Employee Stock Ownership Association, Public Shareholders, etc.
(Foreign Ownership Utilization Rate 11.70%)

Shareholding Structure

Category	Number of Shares	Ownership
Korea Electric Power Corporation (KEPCO)	19,493,600	51.00%
National Pension Service	3,923,625	10.27%
Korea Atomic Energy Research Institute (KAERI)	787,500	2.06%
Treasury Stock	176,495	0.46%
Others (Including Employee Stock Ownership Association)	13,838,780	36.21%
Total	38,220,000	100.00%

Dividend Performance

Category (Fiscal Year)	2021	2022	2023	2024	2025
Net Income (KRW 100 million)	165	180	327	585	854
Dividend Payout Ratio(%)	55%	60%	60%	65%	60%
Total Dividends (KRW 100 million)	90	107	196	380	512
Dividend Per Share (KRW)	238	283	515	999	1,347

Thank you!

