

보도시점

2026. 8. 15.(토) 12:00

배포 2026. 8. 14(금)

Shifting to an Electricity-Based Nation: Policy Discussions on Electricity Demand and Renewable Energy Deployment Outlook 4th and 5th Policy Forums for the 12th Basic Plan Held

The Ministry of Climate, Energy and Environment (MCEE, Minister Kim Sungwhan) and the General Committee for the 12th Basic Plan for Electricity Supply and Demand (Basic Plan), chaired by Jang Gil-soo, announced that they will hold the 4th (Transition to an Electricity-Based Nation) and 5th (Electricity Demand and Renewable Energy Outlook) public policy forums (Forum) on August 20 in Seminar Room 3 of the National Assembly Members' Office Building.

* 1st (December 30, 2025, Desirable Energy Mix), 2nd (January 7, 2026, Harmonious Utilization of Renewable Energy and Nuclear Power), and 3rd (April 22, 2026, Electricity Demand Outlook)

< 4th Forum >

The 4th forum, beginning at 10 a.m., will discuss the changes brought about by the transition to an electricity-based nation in the “Age of Electricity” and the direction of energy policy needed to proactively respond to these changes.

* Electricity-based nation: A country that produces electricity through renewable energy

and other sources, electrifies energy use across all sectors, including industry, transportation, and buildings—and secures national competitiveness.

Globally, the rapid growth of advanced industries such as artificial intelligence and semiconductors, coupled with the accelerating electrification of the economy and society as a whole, including industry, transportation, and buildings, is making a stable and cost-effective electricity supply capacity a key factor determining national competitiveness.

The forum will examine the impact of electrification on future energy demand and the power industry, while broadly discussing policy directions for responding reliably to growing electricity demand and leveraging electrification as an opportunity for new industrial growth.

< 5th Forum >

The 5th forum, beginning at 2 p.m., will reassess national electricity demand through 2040 to reflect recent changes in key conditions and discuss the outlook for renewable energy deployment as a major source of power.

At the 3rd forum in April, a preliminary electricity demand outlook was disclosed. However, following the announcement of plans for major mega-projects in June, the Electricity Demand Subcommittee of the 12th Basic Plan has reviewed the outlook to reflect newly anticipated electricity demand.

At this forum, the revised electricity demand outlook reflecting these changes in circumstances will be unveiled, along with a renewable energy deployment outlook aimed at ensuring a stable response to growing electricity demand and expanding renewable energy as a major source of power.

The MCEE and the General Committee for the 12th Basic Plan will carefully review the diverse views of experts and the public presented at the 4th and 5th forums and reflect them in the 12th Basic Plan, with the aim of

enhancing transparency in the planning process and developing the plan together with the public.

In addition, the forums will be held both in person and via live online streaming, enabling more members of the public to participate in the discussions and share their views.

* In-person attendees must register in advance via the banner on the Korea Power Exchange website.

Following the 4th and 5th forums, a series of additional forums will be held in September and October on topics including new nuclear power plants, a roadmap for phasing out coal-fired power generation, directions for power market reform, and transmission and substation planning.