

PRIME MINISTER

SOCIALIST REPUBLIC OF VIET NAM

Independence - Freedom - Happiness

Ref. 1264/QD-TTg

Hanoi, 1 October 2019

DECISION

ON THE APPROVAL OF THE TERMS OF REFERENCE FOR THE DEVELOPMENT OF
THE NATIONAL POWER DEVELOPMENT PLAN FOR THE 2021 - 2030 PERIOD,
OUTLOOK TO 2045

PRIME MINISTER

Based on the Law on Governmental Organization dated 19/6/2015;

Based on the Electricity Law dated 3/12/2004; the Law amending and supplementing a number of articles of the Electricity Law dated 20/11/2012;

Based on the Law on Planning dated 24/11/2017;

Pursuant to the Law amending and supplementing a number of articles of 11 planning-related laws dated 15/6/2018;

Based on the Government's Decree No. 137/2013/ND-CP dated 12/10/2013 detailing enforcement of some articles of the Electricity Law and the Law amending and supplementing a number of articles of the Electricity Law;

Pursuant to Decree No. 37/2019/ND-CP dated 07/5/2019 of the Government providing detailed regulations to enforce the Law on Planning;

At the request of the Minister of Industry and Trade via the Submittal ref. 5566/TTr-BCT dated 02/8/2019; Appraisal report of the Appraisal panel for the assignment of PDP VIII development in the Document ref. 97/BC-BCT dated 02/8/2019;

HEREBY DECIDES

Article 1. To approving the terms of reference for development of the national Power Development Plan in the period 2021 - 2030 and outlook to 2045, in particular details as follows:

1. Name of the Plan, period and scope of planning

- a) Name of the Plan: National Power Development Plan in the period 2021-2030, outlook to 2045 (hereinafter referred to as Power Development Plan VIII).

- b) Planning period: The Plan is to be made for the period of 2021-2030, with an outlook to 2045.
- c) Scope of planning: Making plan for development of power sources and transmission grids at voltage level of 220kV onwards in the territory of Viet Nam in the period of 2021-2030 with outlook to 2045, including facilities that connect the power grid with neighboring countries.

2. Viewpoint, objectives and principles of developing the Plan

a) Viewpoint of developing the Power Development Plan (PDP)

- Power development should be one step ahead to secure power supply for socioeconomic development, national defense and security of the country;
- Participation of economic sectors in power development, especially private economic sectors, should be assured;
- The Plan should be open, determine list of big and important national power sources, list of important transmission grids at voltage level of 220kV onwards and projects prioritized investment in the period 2021-2030; orient power development by region, area and capacity structure in the period 2031-2045, and orient development of transmission grids at voltage level of 220kV onwards in the period 2031-2045.

b) Objectives of developing the Power Development Plan

- To forecast power demand in the period of 2021-2030 with outlook to 2045;
- To study power source and grid development options, select the options with high economic - technical indicators and feasibility, assure secure and continuous power supply for socioeconomic development, national defense and security of the country;
- To assess environmental impacts and prepare Strategic environmental assessment report in the field of power development;
- To study and propose main solutions on power development mechanisms and policies, organize development of the plan and ensure sustainable power development.

c) Principles of developing the plan

- To assure balanced development among regions, and balance between power supply source and demand;
- To prioritize reasonable development of renewable energies;
- To use power economically and efficiently;
- To develop modern and smart grids and grids interconnecting with neighboring countries;

- To develop power market and encourage various economic sectors to invest in power development;
- To develop power adapting to climate change, ensure sustainable development and in line with the national strategy on green growth.

3. Contents and methodology of developing the plan

a) Contents of the PDP VIII: The PDP VIII comprises of 3 volumes, namely:

- Volume I: General report, including 18 chapters:

Chapter I: Existing status of the national power system

Chapter II: Implementation results of the Power Development Plan in the period 2011-2020;

Chapter III: Overview of socioeconomic situation of Viet Nam

Chapter IV: Criteria and input parameters for plan development

Chapter V: Power saving and efficient use in power development

Chapter VI: Power demand forecast

Chapter VII: Primary energy for power generation

Chapter VIII: Renewable energy for power generation

Chapter IX: Power source development program

Chapter X: Power grid development program

Chapter XI: Regional power interconnection

Chapter XII: Rural electricity development orientation

Chapter XIII: Load dispatch and communication of Viet Nam's power system

Chapter XIV: National power development investment program

Chapter XV: Assessment of socio-economic effectiveness of the national power development program

Chapter XVI: Environmental protection and sustainable development mechanism in national power development

Chapter XVII: Summary of land use demand for power works Chapter XVIII: Implementation mechanisms and solutions for the Plan

Conclusion and Recommendations

- Volume II: The appendices present input parameters and load forecast calculation results; calculation results of power source and power grid development programs; and calculation results of financial and economic analysis.
- Volume III: Geographical drawings of the national power system in the planning period.
- b) Methodologies of planning: To combine and integrate the power development plan with national development master plans, national marine spatial planning and regional planning; associate calculations and methods of expert; link power development with environmental protection and sustainable development.

4. Term of plan development

The plan will be developed in 12 months since the date of approving the terms of reference for developing the PDP VIII and completing the selection of the consultant in charge of developing the PDP VIII.

5. Parts, quantity, standard and format of the Plan documentation

- The Draft PDP VIII documentation includes 3 volumes: Volume I: General report; Volume II: Calculation appendices; Volume III: Geographical drawings and diagrams of the Plan.
- Quantity: 20 sets of the Draft Plan.
- Standard and format of the Plan documentation. The hard copy of the Draft Plan shall be printed on both sides of A4-sized paper as regulated. The soft copy of the Draft Plan shall be compiled on common word processing software (such as Word, Excel, etc.).

6. Cost for developing the Plan

- The cost for developing the PDP will be paid from the public investment fund of MoIT approved by competent authority as stipulated.
- The Minister of Industry and Trade shall make specific decision on the cost for development of the PDP VIII in accordance with guidelines of MPI on cost norms for planning activities, legal regulations on public investment and other relevant legitimate stipulations.

Article 2. Plan development arrangement

1. The Ministry of Industry and Trade acts as the lead to organize and arrange the development of the PDP VIII, takes responsibility to ensure the implementation in line with legal regulations on planning and other relevant stipulations.

2. Ministries, departments and people's committees of provinces and centrally affiliated cities shall be liable to coordinate with MoIT during the Plan development in compliance with legal regulations.

Article 3. Enforcement validity

1. This Decision shall come into full force and effect from the date of issuing.

2. Ministers, heads of ministerial-level agencies, heads of governmental authorities, chairmen of provincial and municipal people's committees, chairman of the Members' Council and General Director of EVN and other relevant authorities shall be responsible for following this Decision./.

Recipients:

- The Prime Minister, Deputy Prime Ministers;
- Ministerial-level agencies, Government authorities;
- People's Council, People's Committee of provinces and centrally affiliated cities;
- The Office of the Central Communist Party;
- The Office of the President;
- The Office of the National Assembly;
- State Audit;
- The Office of the National Steering Committee for Power Development;
- Electricity of Vietnam
- The Government Office: Minister Chairman, Vice Chairmen/ Chairwomen, Assistant to the Prime Minister, General Director of E-portal, Departments of General Affairs; General Economics; Science, Education, Culture and Social Affairs; Legal Affairs; NN; QHDP;
- Archive: Office file, CN(2).nvq.

**P.P. PRIME MINISTER
DEPUTY PRIME MINISTER**

Trinh Dinh Dung