

**DEPARTMENT OF ENERGY EFFICIENCY AND
SUSTAINABLE DEVELOPMENT**

**NATIONAL ENERGY EFFICIENCY PROGRAMME
FOR THE PERIOD OF 2019 - 2030**

IMPLEMENTATION REPORT IN 2023

Hanoi, March 2024

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1. IMPLEMENTATION RESULTS IN 2023

a) Developing legal documents

- Led the development of study report and review of the proposal on amendment and supplement contents of the Law on Economical and Efficient Use of Energy.

- Led the research and proposed mechanisms to encourage the economical and efficient use of energy in amending the Law on Electricity.

- Prepared and submitted to the Prime Minister for the promulgation of a Decision on the list of key energy users in 2022, in accordance with the Law on Economical and Efficient Use of Energy.

- Coordinated with the Ministry of Science and Technology and the Ministry of Justice in reviewing, preparing, and appraising the draft amendment and supplement of the list of energy-consuming vehicles and equipment subject to elimination and low-performance electricity generation sets banned from development, and application roadmaps, which was issued at Decision No. 14/2023/QĐ-TTg by the Prime Minister on 24 May 2023.

- Prepared and submitted to the Ministry of Industry and Trade (MOIT), and subsequently to the Prime Minister, for the issuance of Directive No. 20/CT-TTg dated 8 June 2023 on the enhancement of electricity savings for the period 2023 - 2025 and the subsequent years.

- Submitted to the MOIT Leaders for the issuance of Circular No. 22/VBHN-BCT dated 10 August 2023 on regulations on energy efficiency planning and report; energy audit.

- The Department of Energy Efficiency and Sustainable Development (DEESD) collaborated with the Department of Personnel and Organisation, and the Department of Legal Affairs to issue Circular No. 15/2023/TT-BCT dated 30 June 2023 of the Minister of MOIT on the amendment and supplement several circulars of the Minister of MOIT in guiding the functions, tasks, and powers of provincial Department of Industry and Trade (DOIT).

- Collaborated with the Ministry of Transport in guiding energy labelling for electric and electric-hybrid cars and motorcycles.

b) Urging and inspecting the implementation of regulations on economical and efficient use of energy

Implementing the Inspection plan of 2023 approved by the Minister of MOIT through Decision No. 2881/QĐ-BCT dated 23 December 2022, DEESD chaired the collaboration with other units (including the Inspector of the Ministry, provincial DOITs, and Electricity of Viet Nam - EVN) and inspected the compliance with regulations on energy efficiency at 20 units, i.e. 05 provincial DOITs, 08 key energy users and enterprises subject to energy consumption norms, 03 energy efficiency testing labs, and 04 enterprises distributing energy-labelled products.

In general, the units and enterprises demonstrated satisfactory adherence to energy efficiency regulations, as detailed below:

- + The provincial DOITs: Implemented tasks and state management responsibilities following the Law of Economical and Efficient Use of Energy and related Legal documents and Directive No. 20/CT-TTg of the Prime Minister; Advised the Provincial People's Committees (PPC) on the issuance of directives and plans to implement National Energy Efficiency Programme, Directive No. 20/CT-TTg at the provincial level, and organised the implementation following regulations.

- + The key energy users and enterprises subject to energy consumption norms: Basically fulfilled their responsibility as key energy users as stipulated in the Law on Economical and Efficient Use of Energy and other related Legal documents and Directive No. 20/CT-TTg of the Prime Minister on 7 May 2020, on enhancing electricity savings for the period of 2020-2025 (Building energy management models, conducting energy audits, applying energy-saving measures in the enterprises, and reporting energy consumption norms as required Law).

- + The energy efficiency testing units: Complied with the regulations outlined in the Law on Economical and Efficient Use of Energy, i.e., ensured technical conditions and equipment for energy performance testing, thereby guaranteeing the quality of testing services.

- + The enterprises trading and distributing energy-labelled products: Basically, the enterprises complied with the Energy labelling declarations on equipment products before launching them to the market; some enterprises submitted their annual reports to provincial DOITs and MOIT, however, did not

conduct in accordance with the regulations in terms of design and date. The inspectors documented these findings and notified the enterprises to identify areas for improvement and submit the corrective reports.

For the management of energy performance of vehicles and equipment, and energy labelling:

- + By the end of November 2023, DEESD has received 1,478 energy labelling declaration dossiers, including 702 online dossiers and 776 paper-based ones.

- + DEESD has collaborated with the Department of Science and Technology, the Department of Legal Affairs, and the MOIT Office to review relevant regulations to specialised inspections and administrative procedures reform related to energy performance.

c) The implementation of the National Energy Efficiency Programme 3 (VNEEP3)

- In 2023, the VNEEP focused on the following tasks:

- + Developed energy performance standards and technical processes for popular energy-consuming vehicles and equipment on the market;

- + Supported the establishment of business models for energy performance for small and medium-scale enterprises.

- + Supported industrial manufacturing enterprises in deploying energy management systems, contributing to reducing energy losses in production.

- + Supported provinces in conducting energy audits and improving their capacity.

- + Supported the replication of pilot models of energy-saving technologies.

- + Organised capacity enhancement activities for enterprises, production facilities, and construction works to implement regulations on economical and efficient use of energy.

- + Carried out awareness-raising and communication activities about electricity saving and energy efficiency through the media.

- In 2023, DEESD implemented 50 tasks under the Programme, including 11 assigned and ordered tasks, and 39 tasks conducted through an open bidding process.

- DEESD has prepared an implementation plan for VNEEP3 for 2024.

d) Electricity saving

- Implementing Decision No. 432/QD-BCT dated 24 February 2023 of the Minister of MOIT on inspecting the compliance with the regulations of energy efficiency in 2023 at provincial DOITs, and Decision No. 433/QD-BCT dated 24 February 2023 on inspecting the compliance with the regulations of energy efficiency at Key Energy Users and Enterprises applying energy performance norms in 2023, DEESD organised inspection and worked with provincial DOITs and enterprises on electricity saving.

- Furthermore, DEESD worked with DOITs of Bac Ninh, Bac Giang, and Hung Yen provinces to urge the implementation of Directive No. 20/CT-TTg dated 8 June 2023 of the Prime Minister on the enhancement of electricity saving for the period 2023-2025 (Directive No. 20/CT-TTg) and the subsequent years.

- Strengthened awareness raising and communication about electricity saving through national televisions, radio stations, and newspapers inside and outside the MOIT within the National Energy Efficiency Programme.

- Collaborated with EVN in launching the National electricity-saving movement in 2023 and guided the implementation of Directive No. 20/CT-TTg of the Prime Minister.

- Guided the provincial PPCs in developing the implementation plans of the Directive No. 20/CT-TTg of the Prime Minister.

- Urged the Viet Nam National Coal - Mineral Industries Corporation (VINACOMIN), EVN, and Viet Nam Oil and Gas Group in preparing the implementation plans for the Directive No. 20/CT-TTg of the Prime Minister.

- Developed the 2024 plan for urging and inspecting electricity saving as stipulated in Directive No. 20/CT-TTg at provincial DOITs and Enterprises.

e) Training on energy efficiency

The training on energy efficiency were carried out by national training institutions. DEESD is responsible for managing and issuing certificates according to the regulations. By the end of November 2023, DEESD collaborated with relevant stakeholders in organising 35 training courses on Energy Management and granted 847 certificates; 05 training courses of Energy Auditors and granted 96 certificates.

g) Communication about energy efficiency

DEESD has developed communication plans for the energy efficiency and electricity saving programmes. The Department organised and coordinated with televisions, radio, and newspapers to carry out the following activities:

- Earth Hour Campaign 2023 was successfully organised with a series of appealing, creative, and practical communication activities;
- Successfully launched the National electricity-saving hybrid conference, and the National Energy Efficiency Conference;
- Held experts forums and disseminated policies on energy efficiency;
- Collaborated with national and provincial televisions, radio, and newspapers to publish news, articles, videoclips, TV reports, talks, etc. to circulate policies and measures on energy efficiency, electricity saving, typical models of energy efficiency;
- Developed and released publications and the key visuals of Earth Hour Campaign 2023, Directive No. 20/CT-TTg dated 8 June 2023 of the Prime Minister on the enhancement of energy saving for the period of 2023 - 2025 and the subsequent years (such as pano, standee, poster, profile, etc.);
- Collaborated with the Vietnam Journalists Association in successfully organising “2023 Press Awards for the Economical and Efficient Use of Energy” with a total of 366 entries;
- Held an exhibition booth at the International Exhibition of Energy and Environment Technology Hanoi 2023 (Entech Hanoi 2023) to disseminate the VNEEP;
- Collaborated with the Viet Nam Energy Conservation and Energy Efficiency Association in successfully holding three major Awards, i.e., “Energy Efficiency Award in Industry 2023”, “Energy Efficiency Award in Construction works 2023” Award, and “Highest Energy Efficiency Product 2023” Award;
- Organised the online competition “Learning Energy Efficiency and Conservation” attracting 218,382 participations during five weeks;
- Produced a promotional Television Commercial (TVC) about energy labels and high energy performance and energy efficiency products, broadcasted on VOV1 radio and VTC14 Television;
- Developed Voice clip about energy labels and high-performance

products, broadcasted on VOV-Traffic channel;

- Boosted communication about the policies, measures, and typical models in energy efficiency on the Programme's online platforms (including Website tietkiemnangluong.com.vn, Fanpage, Tiktok, etc.).

2. SHORTCOMINGS, LIMITATIONS AND CAUSES

The tasks and activities in 2023 were implemented as planned in an effective manner. However, during the implementation, some limitations and challenges remain. These include a critical lack of preferential financing for energy-saving investments and policies promoting energy efficiency, particularly electricity saving.

In addition, efforts to encourage compliance with energy efficiency regulations and sustainable production and consumption among organisations and individuals have not yet achieved the desired impact on societal behaviours. Besides, the production and business situation, the inclined consumer spending, energy crisis, and general business difficulties in investment, have significantly restricted the implementation of energy-efficient solutions.

The global trend to reduce greenhouse gas emissions and carbon footprints in industries is gaining momentum. While Viet Nam is implementing its commitments under the Paris Agreement and COP26, several new international issues have emerged, such as the Carbon Border Adjustment Mechanism (CBAM), carbon pricing policies, carbon credits trading mechanisms, and carbon footprint labelling. These are expected to significantly impact economic activities, including importing/exporting low-carbon goods in major global markets, and attracting foreign investment into Viet Nam. However, Vietnamese businesses and the broader economy currently lack sufficient awareness of these evolving regulations, newly enacted climate change legislation will require time for effective implementation and bring about the country's commitment to emissions reduction.

3. DIRECTIONS AND TASKS IN 2024

- Lead research and review to amend and supplement the Law on Economical and Efficient Use of Energy.

- Lead research and review the Decree No. 21/2011/ND-CP dated 29 March 2011 on detailing the Law on Economical and Efficient use of Energy and measures for its implementation.

- Prepare and submit to the Prime Minister to issue the list of key energy users in 2022 according to the Law on Economical and Efficient Use of Energy.
- Accelerate energy efficiency activities in general and electricity saving in particular nationwide. Organise Energy Efficiency Network Conference and Energy Saving Conference.
- Collaborate with EVN and the localities to implement the tasks and measures outlined in Directive No. 20/CT-TTg of the Prime Minister.
- Strengthen communication activities, inspection, and supervision to ensure compliance with the regulations on energy efficiency and Directive No. 20/CT-TTg of the Prime Minister.
- Organise effective implementation of tasks in 2024 under the VNEEP3 as per the set schedule and plan.
- Develop the implementation plan for VNEEP3 for 2025.