

Ref: NEA-CMD-CIRCULAR-ECA-00003-2025

Date: 06-Mar-2025

Registrar, Board of Architects
Registrar, Professional Engineers Board
President, Singapore Institute of Architects
President, Institution of Engineers, Singapore
President, Association of Consulting Engineers, Singapore
President, Singapore Contractors Association Limited (SCAL)
President, Real Estate Developers' Association of Singapore (REDAS)
Chairman, Sustainable Energy Association of Singapore
Chief Executives, Corporation Representatives and Energy Managers of Registered Corporations under the Energy Conservation Act
Chief Executives and Corporation Representatives of relevant persons under the Minimum Energy Efficiency Standards

Dear Sir/Mdm

KEY AMENDMENTS TO THE ENERGY CONSERVATION ACT (ECA)

1 This circular seeks to inform you that the Gazette notification on the Energy Conservation (Amendment) Act has been published on 28 February 2025. Please refer to this link: [Energy Conservation \(Amendment\) Act 2024](#) .

2 Below is a summary of the regulatory requirements to be complied by your company arising from the scope of the amendments.

Scope	Regulatory Requirements
Minimum Energy Efficiency Standards (MEES) for water-cooled chilled water systems (WCCWS)	<ul style="list-style-type: none"> • MEES for WCCWS will be extended to Registered Corporations (RC) under the ECA from 1 Dec 2025 and all other existing industrial facilities from 1 Dec 2029. • Industrial facilities with WCCWS installed in their facility must register in the <u>EDMA system</u> and comply with the following MEES requirements: <ul style="list-style-type: none"> i. Conform to the stipulated MEES level corresponding to the chilled water supply temperature of the WCCWS. ii. Install the required permanent measurement and verification (M&V) instruments (refer to <u>M&V requirement and guidelines</u> for more information). iii. Submit MEES First Report in EDMA system by the stipulated timeline. More details on the timeline will be shared at a later date. iv. The MEES First Report must be prepared and signed off by an Energy Efficiency Opportunities (EEO) Assessor with systems-specific experience in chilled water systems or a Professional Engineer in the branch of mechanical engineering, electrical engineering or chemical engineering.

	v. Submit subsequent periodic MEES report to demonstrate continued conformance with MEES level.
Energy Efficiency Opportunities Assessment (EEOA) for new ventures (NV) with Plan Lodgment: <ul style="list-style-type: none"> New industrial facilities Existing industrial facilities with major expansion projects 	<ul style="list-style-type: none"> From 1 Dec 2025, EEOA-NV requirements would be extended to NVs that apply for URA Plan Lodgment¹. These NVs must conduct EEOA and submit an EEOA-NV report to NEA for approval before applying to NEA for clearance or design certificate, if: <ul style="list-style-type: none"> The NV is related to one of the following industry sectors; <ul style="list-style-type: none"> Manufacturing and manufacturing related services; Supply of electricity, gas, steam, compressed air and chilled water for air-conditioning; Water supply and sewage and waste management. The NV has an estimated annual energy consumption of ≥ 54 TJ based on 24 hours per day, 365 days of operations at 100% design capacity. Report must be signed by the person responsible for conducting the EEOA, who need not be a certified EEO Assessor².
Roles of appointed energy managers	<ul style="list-style-type: none"> From 1 Dec 2025, appointed energy managers will be required to endorse the accuracy of data submitted in the Energy Management System (EnMS), Energy Efficiency Opportunities Assessment (EEOA) and Energy Performance Monitoring (EPM) reports for their registered corporations. The endorsement by energy manager is in addition to existing endorsement requirements (e.g. EEOA reports signed by certified EEO Assessor and endorsed by the chief executive of the RC) and does not replace them.

3. Should you require any clarifications, please contact us at nea_eepc@nea.gov.sg or your NEA account officers.

Yours faithfully
(Transmitted via email)

Suresh K.
Director
Carbon Mitigation Division
National Environment Agency

NB: This is a computer-generated letter; no signature is required.

¹ EEOA-NV requirements will now cover NVs that apply for URA Planning Permission or URA Plan Lodgment.

² Companies are encouraged to engage a certified EEO Assessor although it is not a requirement.