

AMENDING DEPARTMENT CIRCULAR NO. 93-06-06 PROVIDING A DEFINITION FOR COGENERATION PROJECTS FOR PURPOSES OF GRANTING PRIVATE POWER ACCREDITATION AND AVAILMENT OF INCENTIVES

DE DEPARTMENT CIRCULAR NO. DOE-96-01-005, January 30, 1996

Read online (full-text search, related cases, audio case brief): <https://batas.org/library/adb44dcea4eb/>

WHEREAS, DOE Circular No. 93-06-06 established that all Cogeneration project proposals submitted for accreditation and/or availment of incentives should satisfy technical definitions and qualifications instituted for the purpose;

Whereas, under the technical qualification criteria of the said Circular, Cogeneration facilities should be able to attain a cogeneration system efficiency of sixty percent (60%) at the minimum;

Whereas, Energy Regulation 1-95 established further that thermal efficiency means the ratio of useful energy output to the total energy input calculated on an annual basis;

Whereas, the Thermal Efficiency Standard was formulated taking into consideration hydrocarbon-based fuels other than Natural Gas;

Whereas, with the projected inclusion of Natural Gas in the generation mix of the National Power Corporation (NPC) and the other electric power utilities and electric cooperatives there is a need to establish a separate Thermal Efficiency Standard for Cogeneration facilities utilizing Natural Gas for fuel;

Whereas, the chemical composition of Natural gas indicates a higher percentage of Hydrogen (H₂) compared to other hydrocarbon-based fuel resulting in high levels of water vapor (moisture) in the flue gases inhibiting the amount of useful energy output to be recovered;

Whereas, comparative combustion calculations for Natural Gas and other hydrocarbon-based fuels indicate that, when Natural Gas is used as fuel, a three percentage points reduction in the cogeneration thermal efficiency standard is in order.

Now, therefore, for Cogeneration projects utilizing Natural Gas for fuel, and for purposes of granting private power accreditation and availment of incentives, a Thermal Efficiency Standard of fifty seven percent (57%) computed on an annual basis is hereby instituted.

This Department Circular takes effect immediately.

Adopted: 30 Jan. 1996

(SGD.) FRANCISCO L. VIRAY

Secretary

ABOUT BATAS.ORG

Study smarter at BATAS.org

The Philippine bar review and law-school companion built around how your brain actually remembers.

The complete Philippine law library - free for everyone.

More than 100,000 Supreme Court decisions, Republic Acts, and executive issuances - full-text searchable, browsable by category and year, and always free. No paywall, no login. This PDF came from it.

Audio case-brief lectures.

Any decision becomes a podcast-style lecture - facts, issues, ruling, and doctrine - with read-along highlighting and a hands-free presentation mode. Study while commuting, working out, or resting your eyes.

Bar review built on the science of memory.

Complete, sequenced courses for all eight bar subjects, narrated like podcasts and reinforced with retrieval practice and spaced review - the study techniques with the strongest evidence behind them.

The full law-school curriculum.

One subscription unlocks the entire J.D. curriculum - every subject, every lesson, with your progress tracked down to the paragraph so you can pick up exactly where you left off, on any device.

Mock exams that tell you where you stand.

Timed multiple-choice exams graded instantly, with per-subject score breakdowns and focus suggestions that point you at your weakest topics first.

A study planner that keeps you on pace.

Set your schedule and BATAS tells you every day whether you are on track for bar day - and exactly which lesson to take next.

Start free at <https://batas.org>

The law library is free forever - and your first lesson is one click away.

The text of this document is an official public record and remains in the public domain. Formatting, presentation, and compilation © 2026 batas.org.

Downloaded free from the batas.org Law Library. Share it freely - the library is free for every law student, bar reviewee, and practitioner.