

Government's initiatives in Industrial Energy Efficiency

National Environment Agency



www.E2Singapore.gov.sg

Energy Efficiency Improvement Assistance Scheme (EASe)

Objective of EASe

To encourage companies in the manufacturing and building sectors to carry out detailed studies on their energy consumption, also known as energy appraisals, and identify potential areas for energy efficiency improvement

EASe

Form of Assistance

Co-funds up to 50%, capped at \$200k, for carrying out energy appraisals and identify potential areas for energy efficiency improvement

Qualifying costs include:

- Salaries
- Use of instrumentation and evaluation tools
- Expendables
- Overheads

Eligibility Criteria

Company

Owner or operator of industrial facility or building in Singapore

Consultant

Expert consultant or ESCO under the ESCO Accreditation Scheme, or
Qualified internal teams with good track record in carrying out energy appraisals of comparable scale and scope

**Grant for Energy Efficient
Technologies II
(GREET II)**

GREET II

Launched at National Energy Efficiency Conference on 24 May 11

Objective

To encourage owners and operators of industrial facilities to invest in energy efficient equipment or technologies

Targeted at **Energy Efficiency National Partnership (EENP)** partners to encourage them to implement an energy management system

GREET II

Form of Assistance

Co-funds part of the qualifying costs, capped at \$4 mil per project.

Qualifying costs include:

- Manpower cost
- Equipment and materials
- Professional services

Eligibility Criteria

Company

- Owner or operator of industrial facility
- EENP partner who has implemented an energy management system

Project

- Involve installation and use of energy efficient equipment or technologies with a proven track record of energy savings in an industrial facility
- Result in measurable and verifiable energy savings
- Must not have commenced at the time of application
- Completed within 18 months from grant approval
- Minimum estimated project cost of \$200,000, if applicant is not an SME & if annual energy consumption is > 5GWh
- Payback period of more than 3 years & up to 7 years

**Singapore Certified Energy
Manager (SCEM) Training Grant**

Singapore Certified Energy Manager (SCEM) Training Grant



Objective

SCEM gives participants a thorough understanding of the key energy issues either in the building or industry sector. It will help them develop the technical skills and competence needed to manage energy services and management work within the organisation they serve.

Training grant provided for *Professional* level candidates. Candidates only need to pay \$963 (Incl. GST) for full course (80% subsidy).

Eligibility Criteria



Candidates

- be Singaporean or Permanent Resident
- have a relevant degree in engineering or science
- have at least 1 year of relevant experience

Application

- Application for the Grant to be made via the Registered Training Providers
 - IES Academy
 - BCA Academy
 - SEAS
- Applications must be supported by a company's letter

Design for Efficiency (DfE)

Design for Efficiency (DfE)

Objective

- To encourage investors in new facilities in Singapore to incorporate energy and resource efficiency improvements into manufacturing development plans early in the design stage

Form of assistance

- Funds 80% or S\$600,000 (whichever is lower) of the cost of conducting a design workshop

Design for Efficiency (DfE)

Description of workshop

- An intensive, highly integrative and multi-disciplinary 2-3 day session that brings together multiple internal experts and competent external energy consultants at the design stage

Design workshop outcomes

- Opportunities in:
 - Resource efficiency – reduced demand of energy, water, gases etc
 - Waste reduction and reuse
 - Cost-effective supply (energy, water, etc.)
- Conceptual design for high-efficiency plant & systems
- Preliminary estimates of net cost & payback/return

**For more information on the mentioned
energy efficiency schemes, please visit**

www.E2Singapore.gov.sg

Thank You