

REPORT UNDER THE VOLUNTARY PLEDGE AND REVIEW PROGRAMME

SINGAPORE

23rd Energy Working Group Meeting

Energy Conservation/Efficiency Programmes

1 In Singapore, energy conservation has been actively promoted and pursued at the national level through a series of fiscal and non-fiscal policies. Public education has been and will continue to be the main thrust of the energy efficiency/conservation programmes. Industrial and commercial electricity consumers are avail with advisory services in the form of energy audits to help them identify opportunities to save energy. In addition, training courses on energy conservation are also organised for the industrial and commercial consumers to train engineering/technical personnel to operate energy consuming equipment efficiently.

2 Initiatives to improve energy efficiency in Singapore are incorporated in the Building Regulations. Fiscal policies in place to encourage consumers to use energy more efficiently include the Accelerated Depreciation Allowance Scheme. Under this scheme, consumers are allowed to expense off in one year the expenditure for the replacement of old and inefficient machines with new energy efficient ones. The lists of approved replacement machines and equipment and approved energy-savings equipment and devices are shown in Appendix 1.

3 A National Energy Efficiency Committee (NEEC) was established in 2001 to further promote energy conservation and efficiency. The key thrusts of the NEEC are:

- a) To promote the efficient use of energy in the industrial, building, consumer and the transportation sectors;
- b) To promote the use of clean energy sources such as natural gas and renewable energy sources.

List of Approved Replacement Machines and Equipment
And List of Energy-Saving Equipment and Devices

(A) List of Approved replacement Machines and Equipment.

- i) air conditioning system
- ii) boiler
- iii) water pumping system
- iv) washing or dry-cleaning machine system
- v) refrigeration system
- vi) lift or escalator
- vii) instant hot water

(B) List of Approved Energy-Saving Equipment and Devices.

- i) solar heating or cooling system
- ii) solar energy collector system
- iii) heat recovery system
- iv) power factor controller
- v) high efficiency electric motor
- vi) variable speed drive motor control system
- vii) computerised energy management system