

1.Name of measure

The Eleventh Malaysia Plan (11MP)  
(Start in 2016 and will end in 2020)

2.Purpose of measure

Sustainable usage of energy with prudent and efficient management of resources will be a major focus in the Eleventh Plan. Initiatives will be undertaken during the Plan period:  
a) ensure the reliable supply of energy and minimise supply disruption.  
b) strengthen the security of supply in the oil and gas through enhancement of upstream and downstream infrastructure.  
c) improve the efficiency and reliability of the electricity supply through continued investments in generation, transmission and distribution projects.  
d) formulate a comprehensive DSM master plan which covers the entire energy spectrum.  
e) promote local capabilities in the energy-related industries and services.

3.Outline and applicable sectors (transport, buildings, manufacturing, etc.)

Oil and Gas sector, Electricity sector, Transport sector, Industrial sector, Buildings & Households

4.Financial resources and budget allocation of measures

Development Expenditure Budget (2016 – 2020) based on yearly assessment

5.Method to measure effects of measures (reduction in energy consumption and energy cost, etc.)

The electricity subsector needs to strike a balance between security of supply, efficient utilisation and environment preservation. There are 5 initiatives identified for the electricity subsector as follows:  

- Ensuring energy security through better management of resources;
- Creating a sustainable tariff framework;
- Improving efficiency and reliability of electricity supply;
- Augmenting rural electrification; and
- Increasing share of renewables in energy mix – 7.8% RE in generation mix (equivalent to 2,080MW) in 2020

 Demand Side Management (DSM) is expected to bring significant cost benefits to energy users through reduction of energy demand and prudent management of energy sources. The initiatives for DSM are as follows:  

- Reinvigorating demand side management by formulating a comprehensive demand side management master plan
- Demand side measures for buildings, transport, industrial, commercial and households

6.Results of measures

Overall performance will be announced by end of 2020.

7.Future tasks

Energy security and RE would continue to be given focus while demand side management (DSM), a major paradigm shift incorporating EE and conservation measures would be implemented to ensure sustainable management of energy resources.

8.Others

Eleventh Malaysia Plan – <http://rmk11.epu.gov.my/book/eng/Elevent-Malaysia-Plan/RMKe-11%20Book.pdf>

Strategy Paper for Energy under 11MP – <http://rmk11.epu.gov.my/pdf/strategy-paper/Strategy%20Paper%2017.pdf>

9.For further details about measures, please contact:

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