

DEPARTMENT OF ENERGY  
E-POWER MO:  
Communicating Efficiency Across the Energy Sector

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# Energy Efficiency in the Renewable Energy Sector

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# 2017-2040 ENERGY EFFICIENCY & CONSERVATION ROADMAP

## 2017-2040 ENERGY EFFICIENCY & CONSERVATION ROADMAP

**OVERALL OBJECTIVE BY 2040**

### SECTOR

- Government
- Transport
- Industrial
- Residential
- Commercial
- Power

### SHORT-TERM (2017-2019)

#### INDUSTRY DEVELOPMENT

- Conduct market demand scoping
- Advocate the legislation of the EE&C bill
- Establish cross-sectoral energy performance and rating systems
- Create business tool kit for ESCOs
- Collaborate with stakeholders for expanded financing models for EE&C Projects
- Conduct Information, Education and Communication (IEC) campaign on EE practices
- Integrate EE&C at LGU level
- Performance Assessment and Audit for All Power Generation, Transmission and Distribution Systems and Facilities
- Smart Grid

### MEDIUM-TERM (2020-2022)

#### STRENGTHENING

- Create enabling mechanisms for private sector participation
- Enhance Demand Side Management mechanisms
- Integrate EE&C in the learning and education system
- Mainstream EE&C at LGU level

### LONG-TERM (2023-2040)

#### SUSTAINING





- Institutionalize EE&C Knowledge Management System
- Develop advanced EE&C R&D capacity

MEASURABLE REDUCTION IN ENERGY INTENSITY AND CONSUMPTION PER YEAR VERSUS BUSINESS AS USUAL (BAU)

- *Providing market signals*
- *Strengthening policies, programs and institutional structures*
- *Mobilizing and rationalizing private sector participation*



# Energy Efficiency Opportunities in the Renewable Energy Sector

NO.	PARTICULAR	
1.	Promotion of Solar Home System in Off-Grid areas.	
2.	Hybrid-Generation of Power in the Off-Grid areas (Isolated Island). <i>Ex. Diesel Power Plant (SPUG) in combination with RE Power energy source like Solar PV, Windmills and Ocean wave.</i>	
3.	Integrate Solar PV Technology in the concept of “Nearly Net Zero Energy Building” in new building construction -one of the strategy to comply with the “Green Building Code of the Philippines” of the DPWH.	
4.	Net Metering	





**Thank you**



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