

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

Energy Efficiency in the Upstream Sector

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2017-2040 ENERGY EFFICIENCY & CONSERVATION ROADMAP

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**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*

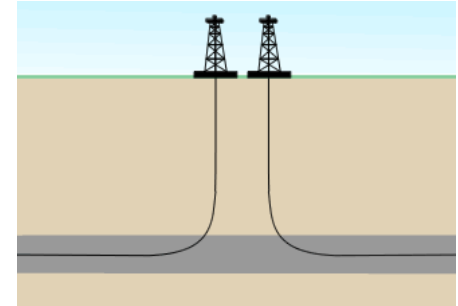


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Horizontal Drilling:

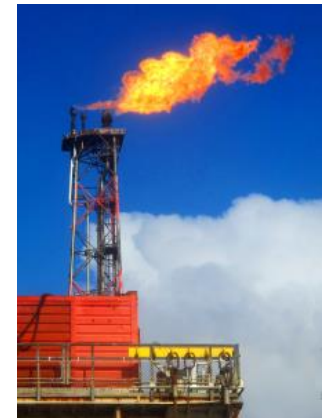
Exploration of new Energy Efficiency Technologies

- Use of unmanned vehicles
- Use of High Efficiency Motors for pumps and compressors



Platform Flare:

- Augmentation to Platform Energy requirements
- Negative points of Flaring: Lost Government Revenue
- Flare gas can be utilized for use as power generation, heating & cooling and others
- Zero flaring is a practice in other oil and gas producing countries





Thank you



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