## Linking Power-Related Development Plans

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Department of Energy Empowering the Filipino









#### **Grid Power System**



#### **Off-Grid Power System**



\*excluding ARMM areas

#### EPIRA, Sec. 37(c):

Prepare and update annually a **Power Development Program (PDP)** and integrate the same into the Philippine Energy Plan. The PDP shall consider and integrate the individual or joint **development plans** of the **transmission**, generation, and distribution sectors of the electric power industry, which are submitted to the Department



#### **Power-Related Development Plans Linked**





### Major Contents





#### Philippine Electricity Profile



Five-Year Performance Assessment, 2011-2015





Demand and Supply Outlook, 2016-2040

> Power Sector Roadmap



Major Contents



Philippine Electricity Profile



**ASEAN Power Generation Mix** 



#### Major Contents



Five-Year Performance Assessment, 2011-2015



Installed, Dependable and Available Capacity



#### Philippines Demand and Supply Outlook, 2016-2040





Luzon Demand and Supply Outlook, 2016-2040





#### **Luzon Committed Power Projects**



#### **Luzon Committed Power Projects**





#### **Luzon Indicative Power Projects**



Visayas Demand and Supply Outlook, 2016-2040





#### **Visayas Committed Power Projects**





#### **Visayas Committed Power Projects**





#### **Visayas Indicative Power Projects**



Mindanao Demand and Supply Outlook, 2016-2040



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#### **Mindanao Committed Power Projects**





#### **Mindanao Committed Power Projects**





#### **Mindanao Indicative Power Projects**





#### **Ideal Location of New Power Plants**



Luzon



#### **Ideal Location of New Power Plants**

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CALBAYOG 138 kV / 69 kV

Burias Is.





#### **Ideal Location of New Power Plants**







**Power Sector** Roadmap



**Electrification** 



#### Philippine Power Sector Roadmap Towards .....



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#### **DOE Major Accomplishments**



**EICC – Energy Investment Coordinating Council** 

**GTD-** Generation, Transmission, Distribution



### Quality, Reliable, Affordable and Secure Supply



Research and Formulation of Policy Recommendations on the Integration of Battery Energy Storage Systems (BESS) in the Power System

**Policy Study on Electric Power Distribution Loss** 

Policy on Embedded Generation



**Policy on Smart Grid** 



Amendment of EO 137 - Mindanao Modular Generator Set

Quality, Reliable, Affordable and Secured Supply

Transparent and fair playing field in the power industry

Electricity Access for All Filipinos



#### Quality, Reliable, Affordable and Secure Supply





Policy Research/Study on Island Interconnection



**RE Hybridization of NPC-SPUG Power Plants** 

Quality, Reliable, Affordable and Secured Supply

Electricity Access for All Filipinos

Transparent and fair playing field in the power industry



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#### Transparent and fair playing field in the power industry



Causer's Pay Policy Program on Charging the incremental cost of electricity to the generator that went on forced outage



Initiating the pursuance of the implementation of Retail Competition and Open Access (RCOA)

Quality, Reliable, Affordable and Secured Supply

Transparent and fair playing field in the power industry

**Electricity Access for All Filipinos** 



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#### **Electricity Access for All Filipinos**



Policy study on the allocation of PSALM capacity in Mindanao to marginalized customers and economic zones



Implementation of the Annual Work Program pursuant to Section 6a, Rule 29 (Part A) of the EPIRA IRR



Policy Review of the Implementation of the DILG-DOE Joint Circular 95-01 & 98-01 National Wealth Tax which is part of Rule 29 Part B of the EPIRA IRR

Quality, Reliable, Affordable and Secured Supply

Transparent and fair playing field in the power industry Electricity Access for All Filipinos



#### **Electricity Access for All Filipinos**



Initiatives to standardize the template for MOA and other project documents under the Energy regulations (ER) No. 1-94 Program to facilitate and improve the ER 1-94 implementation

- Checklist of Required documents
- Letter of Approval
- Notice to Proceed
- Establishment of Trust Accounts
  Checklist of Bidding Documents

Quality, Reliable, Affordable and Secured Supply

Transparent and fair playing field in the power industry Electricity Access for All Filipinos



#### **Electricity Access for All Filipinos**





**Rationalization of UCME Subsidy System** 



Research on the Improvement of Private Sector Participation (PSP) Program for Missionary Areas

Quality, Reliable, Affordable and Secured Supply

Transparent and fair playing field in the power industry Electricity Access for All Filipinos





# We fuel success, E-POWER first



# **Thank You!**



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