NATURAL GAS FLOW AND DATA COLLECTION SYSTEM IN THE PHILIPPINES

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MODE OF DATA COLLECTION

- Manual collection from hard copy submissions
- Interview or verbal acquisition
- Electronic submission
DATA PROCESSING/ORGANIZATION

- Using Excel Spreadsheets (production, consumption, etc)
- Encoding from hard copy submission
- Developed own system for data organization
NATURAL GAS DATA FLOW

DATA SOURCES

STAKEHOLDERS REPORTS

EPPB – PEP; Other fuels contribution to energy mix
OIMB – Crude oil prices
PRDD – Production/Resource data
EPIMB - PDP
Compliance – Gas Sales, Banked Gas Record; Gov’t. Share

INTERNET DATA, & OTHER REFERENCE MATERIALS
(conversion, us cpi, cost estimates)

PROCESS

DATA BASE SYSTEMS

DISSEMINATION

Personal Collection
Hard Copies – PEP; PDP, Key Statistics; Situationer Report; MTPDP, FS Spreadsheets

Electronic
Internet-Website Posting by ITMS, APEC-JODI
Gas Value Chain - Industry Interaction

- Gas Supplier – SC 38 (Malampaya gasfied), PNOC – Bank Gas

- Facility Operators – NPC for NGRF; KEPCO for Ilijan Power Plant; First Gas for Sta. Rita/San Lorenzo/San Gabriel/Avion; Shell for Refinery.

- End Users / Industry Stakeholders - General Public, Academe, Legal & Technical researchers, Other Government Agencies; APEC-JODI.
Natural Gas Data and Information Profile

- Industry Situationer – midyear/year-end
- Spreadsheets on the following Natural Gas Data
  1. Consumption/Utilization per Sector
     > Power Sector (historical data from 1994–present)
     > Industrial Sector (historical data from 2005–present)
  2. Production
     > San Antonio (historical data from 1994–2008)
     > Malampaya gas & condensate production
       (historical data from 2001 – present)
<table>
<thead>
<tr>
<th>Users of Our Data</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Energy Family</strong></td>
<td></td>
</tr>
<tr>
<td>NPC, PNOC, PSALM, TRANSCO</td>
<td>- Plans and programs (PEP); energy policies – bank gas, take or pay; collaborative activities;</td>
</tr>
<tr>
<td><strong>GENERAL PUBLIC</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- prices, government share or royalty, natural gas projects’ benefit, Feasibility studies</td>
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<tr>
<td><strong>ENERGY STAKEHOLDERS</strong></td>
<td></td>
</tr>
<tr>
<td>Foreign &amp; local investors</td>
<td>- Natural gas outlook, pricing, plans &amp; programs, laws and issuances, procedures and permitting requirements</td>
</tr>
<tr>
<td>Academe</td>
<td>- Technologies, technical data, Feasibility studies</td>
</tr>
<tr>
<td>Consultants/researchers</td>
<td>- Permitting requirements, laws and issuances</td>
</tr>
<tr>
<td>Other government Agencies</td>
<td>- Procedure in doing business on natural gas, Development Plans, Incentives, Project Financing, Gas Statistics</td>
</tr>
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Organizational Overview

Linkages with Other DOE Units

Energy Policy & Planning Bureau (EPPB)
- Energy Mix, Generation Mix, Energy Plan, HECS, Project Proposals

ERDB - Energy Resource Development Bureau
- Natural gas supply/production and other resource data; Service Contracts (GSPA)

IPO – Investment Promotion Office - IEC
Programs; investment/investor’s concerns, DTI & BOI interactions, DFA concerns
Linkages continued....

CWPO/HRMD – Customer Welfare Promotion Office/Human Resource Management Division

Assistant to Academe and general public on requests for technical data & information; Customer assistance, On-the –Job Training

EPIMB- Electricity Power Industry Management Bureau

Power Development Plan, Generation Mix

OIMB/OICMD – Oil Industry Management Bureau

Crude Oil Prices

Financial Services/Compliance Division

Banked Gas Data; Natural Gas Sales
THANK YOU