CURRENT STATUS AND TREND OF INDONESIA’S ENERGY AND RESEARCH CONDUCTED AT UNIVERSITY OF INDONESIA

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Universitas Indonesia
UNIVERSITY OF INDONESIA

• Established on February 2, 1950 as State University

• Has 12 faculties and one graduate school.

• More than 200 majors from Diploma to Doctor Program.

• More than 38,000 Indonesian and international students.

• On December 26, 2000 become an autonomous university
Country Facts

- Population of 230 million with growth rate of 1.35 percent.

- GDP at 2000 constant price is 1,749.5 trillion Rupiah.

- Indonesia is world’s largest LNG exporter and 2nd largest coal exporter

- Main goal of energy policies:
  - Diversification of energy resources;
  - Rationalization of domestic energy pricing; and
  - Energy efficiency improvement
National energy policy target at 2025

- Coal 33%
- Gas 30%
- New & Renew 17%
- Oil 20%
- Bio-fuels 5%
- Geothermal 5%
- Biomass, Nuclear, Hydro, Solar, Wind 5%
- Synfuels from coal 2%
Crude Oil Trend
(Based on Indonesia Energy Outlook and Statistics 2006)
Natural Gas Trend

(Based on Indonesia Energy Outlook and Statistics 2006)
Coal Trend

(Based on Indonesia Energy Outlook and Statistics 2006)
Electricity Trend

(Based on Indonesia Energy Outlook and Statistics 2006)
Research energy at UI

Directorate of Research and Community Services UI

Faculty of Engineering
- PEUI Center for Energy Studies
  - Mechanical Eng.
  - Electrical Eng.
  - Chemical Eng.

Faculty of Economics
- Energy Economics

Faculty of Basic Sciences & Mathematics
- Geo-energies

Faculty of Engineering
- Electrical Eng.
- Chemical Eng.
- Civil Eng.

Faculty of Economics
- Energy Economics
Thank you