Regional Cooperation to Energize South Asia

Hilal A. Raza
Director
SAARC Energy Centre
Islamabad
1.7 billion people, one-fourth of the World – need Peace, Progress and Prosperity

GDP is less than 3% of the World; share in global trade is 1.2%

One-third of population lives below $1 per day poverty line

Very low Intra-Regional Trade; only 5.3% of total trade in 2004 (cf. ASEAN 22.5%)
All Countries of South Asia
- Energy deficit (except Bhutan)
- Oil importing

Per Capita Annual Consumption
- Energy: 443 kgoe (1/4\textsuperscript{th} of world)
- Power: 455 kwh (1/8\textsuperscript{th} of world)

Energy needs of South Asia will increase 3-times from present 500 to 1,500 mtoe in 15 years
Energy Consumption of South Asia

Total: 671 MTOE

Commercial Energy By-Source

- Coal: 242 MTOE (48%)
- Nuclear: 5 MTOE (1%)
- Hydel: 34 MTOE (7%)
- Natural gas: 77 MTOE (15%)
- Oil: 149 MTOE (29%)

Commercial: 507 MTOE (68%)

Traditional: 164 MTOE (24%)

MTOE-Million tonnes of oil equivalent
Opportunities

• Huge energy market being created

• New jobs and socio economic development

• Development of South Asia Energy Ring with electricity and gas grids

• Pull for international and multinational financial and technical resources
SOUTH ASIAN ASSOCIATION FOR REGIONAL COOPERATION

SAARC Energy Centre fighting energy poverty through fostering energy cooperation in South Asia and beyond for a better tomorrow
Mitigation of Energy Poverty

a. National Strategies

• Optimum utilization of indigenous resources

• Energy conservation and efficiency improvement

• Development and deployment of renewable energy resources
Mitigation of Energy Poverty

b. Intra- and Inter- Regional Cooperation

- Sharing regional best practices
- Technology transfer
- Reducing negative environmental impact
- Sharing of hydro and gas resources by promoting energy trade
Energy Cooperation - Gas Grid

- Turkmenistan-Afghanistan-Pakistan-India
- Iran-Pakistan-India
- Qatar-Pakistan-India

Pipelines from the east and the west can further be extended to Nepal
Thank you