

BUSINESS  
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ADB Headquarters, Manila, Philippines



# 7<sup>th</sup> ADB Business Opportunities Fair

Energy --- South Asia Department  
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16 March 2016

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ADB

# Operational Strategy for Energy in South Asia

- Promote Energy Efficiency
- Promote Clean Energy Development
- Cross Border Interconnections
- Promote Sector Reform

Covers operations in Bangladesh, Bhutan, India, Maldives, Nepal, and Sri Lanka

# Promote Energy Efficiency

- **Reduce Technical Losses**
- **Demand Side Management and Energy Conservation**

## Lending Programs 2016/2017

- BAN: Power System Enhancement & Efficiency Improvement Project: \$400M (Sep. 2016 Approval Schedule)
- IND: Demand Side Energy Efficiency Investment Project: \$214M (Sep. 2016 Approval Schedule)
- IND: MP Power Transmission Investment Project: \$300M (2017 Firm)

# Promote Energy Efficiency

## Lending Programs 2016/2017 (Continued)

- IND: Gujarat Smart Grid Development Investment Project: \$200M (2017 Firm)
- NEP: Kathmandu Electricity Distribution Efficiency Enhancement Project: \$200M (Nov. 2016 Approval Schedule)
- SRI: Green Power Development & Energy Efficiency Improvement Program - Tranche 2: \$180M (Nov. 2016 Approval Schedule)
- SRI: Supporting Electricity Supply Reliability Improvement Project: \$120M (July 2016 Approval Schedule)

# Promote Clean Energy Development

- **Develop Clean Energy Generation**
- **Promote CDM and Carbon Trading**

## **Lending Programs 2016/2017**

- BAN: Natural Gas Development and Distribution Program  
- Tranche 1: \$360M (July 2016 Approval Schedule)
- BAN: Khulna 780-850MW LNG Base Power Plant Project:  
\$600M (2017 Firm)
- BAN: Solar Photovoltaic Power Development: \$479M  
(2017 Firm)
- BAN: Rural Hybrid Power Development Project: \$280M  
(2017 Firm)

# Promote Clean Energy Development

## Lending Programs 2016/2017 (Continued)

- IND: Rajasthan Renewable Energy Transmission  
-Tranches 2&3: \$350M (Dec. 2016 Approval Schedule)
- IND: Solar Parks Transmission Sector Project: \$400M  
(Sep. 2016 Approval Schedule)
- IND: Interstate Natural Gas Pipeline Investment Project:  
\$205M (Sep. 2016 Approval Schedule)
- IND: HP Clean Energy Transmission Investment Program  
- Tranche 3: \$127M (2017 Firm)

# Promote Clean Energy Development

## Lending Programs 2016/2017 (Continued)

- IND: Assam Power Sector Investment Program  
- Tranche 3\*: \$200M (2017 Firm)
- IND: Assam Power Transmission Project: \$150M  
(2017 Standby)
- IND: West Bengal Solar Storage and Transmission  
Program - Tranche 1: \$200M (2017 Standby)
- SRI: Wind Power Generation Project (325MW)  
(2017 Firm)

(\*: Project Management & Supervision Consultant \$12.0M (CSRN in Mar. 2016))

# Sector Reform

## ➤ Support Energy Sector Reform

### Lending Programs 2016/2017

- NEP: Nepal Energy Sector Reform Program – Tranche 1: \$150M (2017 Firm)



# Non-Lending Program

## Proposed 2016 Technical Assistance

### ➤ Project Preparatory

- BAN: Preparing of Rural Hybrid Power System in Bangladesh: \$1.5M
- BAN: Solar Photovoltaic Power Development: \$1.5M
- BAN: Power System Enhancement & Efficiency Improvement Project: \$0.225M
- BAN: Khulna 780-850MW LNG Base Power Plant Project: \$0.225M
- IND: Demand-side Energy Efficiency Improvement Program: \$1.0M
- IND: Interstate National Gas Pipeline Investment Project: \$0.225M

# Non-Lending Program

## Proposed 2016 Technical Assistance

### ➤ Project Preparatory (Continued)

- IND: Preparing Assam Power Transmission Project: \$0.225M
- IND: Preparing Odisha Power Transmission Project: \$0.225M
- IND: Preparing Madhya Pradesh Power Transmission Project: \$0.5M
- NEP: Preparing the Duhh Koshi Hydropower Project: \$0.5M
- NEP: Kathmandu Electricity Distribution Efficiency Enhancement Project: \$1.0M
- SRI: Preparing Wind Power Generation Project: \$1.5M
- REG: SASEC Joint Venture Hydropower Investment Program: \$1.2M

# Non-Lending Program

## Proposed 2016 Technical Assistance

### ➤ Policy and Advisory, Capacity Development

- REG: Sustainable Management of Solar Pumps for Agricultural Irrigation in Bangladesh and Facilitation of Utility Scale Solar Project Development in Nepal: \$1.1M
- IND: Capacity Building for Assam Power Sector System Loss Reduction & Financial Management: \$1.0M
- NEP: Policy & Institutional Strengthening of Energy Sector: \$2.0M

**We look forward to  
doing business with you.**

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