Lessons Learned from the Indian Power Generation Sector

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Per Capita Electricity Consumption

- USA: 12,884
- China: 2,361
- India: 790
- World: 2,730
Electricity Act 2003

- Right to electricity
- Target: Electricity for all by 2012
- De-bundled Generation, Transmission, Distribution
- Encourage Public – Private Partnership
Target of 450 GW installed capacity by 2022

Focus on non conventional/ renewable sources.

Promotion of private investment through competitive bidding

Ultra Mega Power Plant projects (4000 MW) with single window clearance.
India to establish an Integrated National Power Grid by 2012

- To evacuate **200,000 MW** of generation capacity and **37,150 MW** of inter-regional power transfer capacity
- Private participation introduced thru Independent Power Transmission Company (IPTC)
- 1200kV transmission plans underway
India Power Opportunity; 2012~2022

Power Infrastructure
$600 Billion*

Power Efficiency
$300 Billion*

‘More from More’
- Generation
- Transmission
- Distribution

‘More from Less’
- R&M
- Power Quality
- SMART GIRDS

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GENERATION, TRANSMISSION, DISTRIBUTION
CREATE STRONG REGULATORS
GOVERNMENT PROVIDES INFRASTRUCTURE, AND GETS OUT OF THE WAY
ENSURE FUEL SUPPLY LINES
FOCUS ON WHOLE VALUE CHAIN
Be the Change you want to see