
INDIA'S POWER SECTOR AT A GLANCE

India is one of the developing world's most exciting prospects for Canadian firms seeking investment or sales opportunities in the power sector.

- Present installed capacity: 82,000 MW
 - much of which needs refurbishing/upgrading
- Electricity demand growing by 8% per year
 - Energy shortfall: 10%
 - Peak power shortfall: 20%
- New capacity to be added by 2010: 115,000 MW
 - thermal (coal and gas), hydro, renewable
 - public and private projects for grid supply, captive plants, co-generation
- 245 private power projects now under consideration
 - for total new capacity of over 90,000 MW
 - 10,000 MW in projects cleared to start
- Installed transmission lines: 236,000 CKm
 - T&D system needs to be expanded/rebuilt/modernized
- Estimated market for power-related equipment and services: over US\$ 5 billion a year; imports at least 10%

Major import items:

- steam boilers, turbines
 - gas turbines
 - hydro turbines
 - generators and large generating sets
 - transformers, especially air-cooled
 - switchgears
- Engineering and consulting services needed:
 - project feasibility, design and construction
 - equipment selection and sourcing
 - distribution systems and demand-side management
 - environmental concerns (emissions, clean coal, etc.)
 - Manufacturing and service opportunities for Canadians as suppliers, consortium members or JV partners with Indian firms
 - new, investor-friendly rules in place for foreign firms in power projects and local manufacturing

