

# **Product Introduction**

# **Power Knowledge Base**

India's most referred Knowledge Base

# Key Highlights

- India's most trusted, subscribed and referred Knowledge Base on the energy sector
- A massive Compendium of Latest Information across the Value Chain
- 80+ Real Time Updates on a weekly basis
- Archive of twelve years and 50000+ news items
- I-Search: Access India's only dedicated energy sector search engine which acts as One stop solution to your Energy Sector needs
- Highly read and subscribed 'Daily newsletter' delivered to your inbox early morning
- Gain exclusive information on topics like Status of Power Projects, Policy & Reforms, Power Sector Players, Capacity Addition, Scenario, Transmission, Distribution, Thermal, Hydro, Nuclear Power, Statistical Data on Demand & Supply, FDI etc.



- Keeps you ahead of the knowledge curve with Daily/ Real time updates
- Get to know past trends and chronology of events through archive of last twelve years and 50000+ news items
- Get to read the news before your competition in our Just-In section: Up-to-minute details of sectoral developments throughout the day
- Regular periodic articles and features to give you in-depth analysis and perspective of Industry dynamics
- Benefit from the opinion and knowledge of those who shape the Industry equations through our IndustryConnect column

# Content Categorization: Snapshot

| Industry<br>Information   | <ul> <li>State v</li> </ul>                                 | nission   | rofile       |       |            |
|---------------------------|---|---|--------------|-------|------------|
| Market<br>Intelligence    | <ul> <li>Electric</li> <li>Fuel A</li> <li>Power</li> </ul> | Projects<br>city Demand and Supply<br>/ailability, Imports and F<br>Tariff<br>Trading |              |       |            |
| Regulatory<br>Landscape   | <ul><li>Acts, F</li><li>Regula</li></ul>                    | Overview<br>Policies and Guidelines<br>Itory Bodies<br>ip programmes like RG          | GVY, R-APDRP |       |            |
| Environment<br>Technology | & Sustair<br>Interna  | e Change<br>nable Development<br>itional Collaborations<br>Critical Technology        |              |       |            |
| Corporate                 | Products  | Services  | Careers      | Store | What's New |

# Knowledge Base Homepage

| Infro                            | Iline         | nergy    |   |                |                        | Everything •           | Infra | aSearch  | Go                   |
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| About Us Ir                      | ndustries     | Services | Products                                  | Store          | Contact Us             |                        |       |  |                      |
| Power Sector Data                | abase         | *        | Home >> To                                | davie Neure    |                        |                        |       |  |                      |
| Sector Overvie                   | w             |          | I nome >> iv                              | roay a neves   |                        |                        |       |  |                      |
| Guest Column                     |               |          |   |                |                        |                        |       |  |                      |
| Regulatory Fran                  | nework & Bodi | es       | Today                                     | 's News        |                        | fArchive               | el    | Database Updates   | [Archive]            |
| Policy & Reform                  | 15            |          |   |                |                        |                        |       |  |                      |
| Power Sector F<br>Regionwise Pro |               |          | <ul> <li>Power</li> <li>30 Sep</li> </ul> |                | ons transmission line  | es for Mundra UMPP     |       | <ul> <li>CERC RoP - Approval of tariff of Rihand STPS<br/>from 1.4.2004 to 31.3.2009.NTPC Ltd. (06.09.<br/>04:59PM 28 September</li> </ul> |                      |
| Power Projects                   |               |          | · Shel or                                 | ders dry up de | ue to policy paralysis |                        |       | · CERC Order on revision of fixed charges on   | account of additions |
| State Sector                     |               |          | 30 Sep                                    |                |                        |                        |       | capital expenditure incurred during 2006-07,<br>04:50PM 28 September   | 2007-08              |
| Private Sector                   |               |          | • GVK P                                   | ower & Infraet | nuchura may adoa hi    | gher on winning order. |       | CERC Order IEE and PXIL on modification in m   | arket desine of Day  |
| Generation                       |               |          | 30 Sep                                    |                | ructure may edge m     | prer on winning order. | ***0  | Ahead markets in Power Exchanges (27.09.2  |                      |
| Transmission                     |               |          | · · · · · ·                               |                |                        |                        | _     | 04:46PM 28 September   |                      |
| Distribution                     |               |          | Power     30 Sep                          |                | s Bangloreans as Te    | langana stir hits city | -     | <ul> <li>CERC Order on Maintaining grid security of the<br/>curbing overdrawals and effecting proper loss</li> </ul>                       |                      |
| Rural Electrifica                | tion          |          |   |                |                        |                        |       | 04:42PM 28 September   |                      |
| Thermal Power                    |               |          |   |                | power aim despite p    | protests               |       | CERC Order on Maintaining grid security of th  |                      |
| Hydro Power                      |               |          | 30 Sep                                    |                |                        |                        |       | curbing overdrawals and effecting proper los<br>04 40PM 28 Sectember   | ad manageme          |
| Nuclear Power                    |               |          | . Gover                                   | ment expecte   | d to notify the much-  | awaited rules on nuck  | ear   | CERC RoP - Signing of PPA by NTPC for supp   | by of 37000 MW of    |
| Captive Power                    |               |          | liability                                 | before winter  |                        | t of Atomic Energy     |       | power abusing its dominant position (08.09.2   |                      |
| Power Trading                    |               |          | 30 Sep                                    |                |                        |                        | _     | 05-16PM 27 September   |                      |
| Renewable Ene                    | rgy           |          | <ul> <li>NALCO<br/>30 Sep</li> </ul>      |                | rsify into nuclear pov | ver                    |       | <ul> <li>CERC RoP - Gaming by Gujarat Fluorochemics<br/>(Unscheduled Interchange Charges and relat)</li> </ul>                             |                      |
| Climate Change                   |               |          | 102001508                                 |                |                        |                        |       | 05:13PM 27 September   |                      |
| Energy Conser                    |               |          | 1 2                                       | 3              |                        |                        |       | 1 2 3 4 5 6 7 8 9 10   | (                    |
| Technological D                  | evelopments   |          |   |                |                        |                        | -     |  |                      |
| Statistical Data                 |               |          |   |                |                        |                        |       |  |                      |

Corporate

Services

Store

# **State Sector**

D Power Sector Database D State Sector Sector Overview  $\bigcirc$ Guest Column Regulatory Framework & Bodies Policy & Reforms >Power Sector Players Regionwise Profiles Power\_Projects State Sector Private Sector Generation Transmission The second se Distribution **Rural Electrification**  $\bigcirc$ Thermal Power  $\bigcirc$ Hydro Power Nuclear Power Captive Power Power Trading Renewable Energy Climate Change Energy Conservation 2005-06 Technological Developments Statistical Data

Statewise/UT Power Scenario

- SEB Dues & Receivables
  - Impact of Onetime Settlement Scheme
  - Status of Outstanding Dues of Power Utilities (December 2005)
  - Outstanding Dues Payable by SEBs to CPSUs (October 2004)
  - Outstanding Dues Payable to NTPC (June 2004)
  - Outstanding SEB Dues (1998-2001)
  - Settlement of SEB Dues (2001) Salient Features of Tripartite
  - Agreement on SEB Dues (2001)
  - SEB Receivables
- Financial Performance
- State Sector Performance
- () Regionwise/Statewise Schedule and Actual Drawal of Power 2010-11 (Upto June 2011)
  - April-June 2006 from CPSUs

  - April-June 2006
  - April 2003-March 2006

### Tariff & related Issues

- State wise Power Performance
- **SEB** Financials
- Schedule and Actual Drawl of Power
- **Power Tariffs**
- Inter-state disputes
- Status Updates of Capacity addition

| Industry Informatio | n Market Intellige | ence R | Regulatory L | andscape Industry \ |    | try Viewpoint | Se | arch Functionality |
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D Power Sector Database C Generation Sector Overview Guest Column Regulatory Framework & Bodies Policy & Reforms Power Sector Players Regionwise Profiles Power Projects State Sector Plan Private Sector Generation  $\bigcirc$ Transmission Distribution Rural Electrification Thermal Power Hydro Power Nuclear Power Captive Power Power Trading Renewable Energy Climate Change  $\bigcirc$ Energy Conservation  $\bigcirc$ Technological Developments Statistical Data

D Capacity Addition Scenario Vitra Mega Power Projects Twelfth Plan (2012-2017) Eleventh Plan (2007-12) Tenth Plan (2002-07) Ninth Plan (1997-2002) Order for Projects during XI and XII Archive - Capacity Addition Actual Generation Data Allocation from Central Generating Stations (CGS) Allocation of Power from CGS to States (December 2010) Allocation of Power from Thermal based Central Generating Power Stations (Oct 2010) MoP's concept paper on allocation of power from hydro based CGS (March 30, 2010) Allocation of Power from CGSs : Southern Region (As in July 2009) Archive 2008-09 & before Renovation & Modernisation Electricity Generation Review

Archive - Generation

- Updated status of Capacity Addition Scenario
- Comparison of achievement vs. target of capacity addition (nation wide, plan wise, year wise, state wise, sector wise, etc)
- Monitoring of commissioning schedule of projects
- Actual Generation data of power plants
- Allocation from CGS
- Renovation & Modernization details
- Electricity Generation Review

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# Transmission

D Power Sector Database Sector Overview Guest Column Regulatory Framework & Bodies Policy & Reforms  $\searrow$ Power Sector Players Regionwise Profiles Power Projects State Sector Private Sector Generation -Transmission Distribution Rural Electrification Thermal Power Hydro Power Nuclear Power Captive Power Power Trading Renewable Energy Climate Change Energy Conservation Technological Developments Statistical Data

D Transmission  $\bigcirc$ Players in Transmission  $\diamond$ Transmission Capacity Addition  $\bigcirc$ Statewise Status  $\diamond$ National Power Grid  $\bigcirc$ Grid Maps  $\bigcirc$ Smart Grids  $\diamond$ Private Participation  $\bigcirc$ Transmission Pricing  $\bigcirc$ UI & Grid Stability  $\diamond$ Regionwise, Monthwise Frequency Profile  $\bigcirc$ Cross Border Power Transmission  $\bigcirc$ Important Reports E1 Details of Inter-regional Links between Southern Region and Other Regions (September 2011) E CEA's Report on Transmission Evacuaiton for Common wealth Games (April 2010) Indian Electricity Grid Code Composite Scheme for Development of Transmission & Distribution Network in North Eastern Region (July 2009) Transmission related issues in NER-July 2009

- Updated status of Transmission capacity addition scenario
- Information on National Power Grid, Grid Maps and Smart Grid
- Private Participation and State wise Transmission Players Profile
- Transmission Pricing
- Region wise and month wise Frequency Profile
- UI & Grid stability

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D Power Sector Database 0 Distribution Sector Overview Guest Column Regulatory Framework & Bodies Policy & Reforms  $\bigcirc$ Power Sector Players  $\bigcirc$ Regionwise Profiles Power Projects State Sector Private Sector Generation Supply Transmission  $\bigcirc$ Metering Distribution  $\diamond$ Rural Electrification Thermal Power Hydro Power Nuclear Power Captive Power Power Trading Renewable Energy Climate Change Energy Conservation Technological Developments Statistical Data

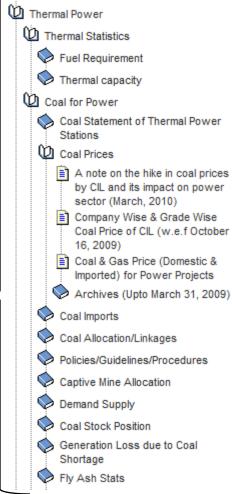
Distribution Sector State Utilities Private Utilities State Energy Departments Power Distribution- Regulations Distribution Loss and Theft Distribution Loss Status 📎 Power Theft Reliability and Quality of Electricity Power Outage Data Distribution Franchisee Franchisee Models Sample RFP for Urban Distribution Franchisee Reports & Presentation Distribution Open Access Distribution Open Access Statewise Status Important Reports / Documents

- Important Regulations governing Distribution sector including Open Access
- Profiles of State and Private Distribution Utilities
- Data on AT&C losses
- Financial Health of State utilities
- Private Participation
- Power supply to agricultural, households, and commercial units
- Metering Status
- Policy and state wise status of Distribution Open Access

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D Power Sector Database Sector Overview Guest Column Regulatory Framework & Bodies Policy & Reforms  $\searrow$ Power Sector Players Regionwise Profiles Power Projects State Sector Private Sector Generation Transmission Distribution Rural Electrification Thermal Power Hydro Power Nuclear Power Captive Power Power Trading Renewable Energy Climate Change Energy Conservation Technological Developments Statistical Data



- Exhaustive list of TPPs
- Fuel Availability Coal and Gas
- Coal Prices
- Coal Imports
- Coal allocation/Linkages
- Captive Mine Allocation
- Daily Coal stock position
- Generation Loss due to Coal Shortage
- Gas Allocation
- Gas Demand- Supply and Offtake

| Industry Informatio | n Market Intellige | ence | Regulatory Landscape |       | Indus | try Viewpoint | Se | Search Functionality |  |
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| Corporate           | Products           |      | Services             | Caree | rs    | Store         |    | What's New           |  |



D Power Sector Database Sector Overview Guest Column Regulatory Framework & Bodies Policy & Reforms  $\searrow$ Power Sector Players Regionwise Profiles Power Projects State Sector Private Sector Generation Transmission Distribution Rural Electrification Thermal Power Hydro Power Nuclear Power Captive Power Power Trading Renewable Energy Climate Change Energy Conservation Technological Developments Statistical Data

#### D Hydro Power Dicy and Guidelines Hydro Power- Policies and Guidelines Review of Hydro Power Development Policies & Guidelines State-wise Hydro Power Development Policies Hydro Electric Potential $\bigcirc$ Capacity Addition $\diamond$ Hydro Projects Status Updates $\bigcirc$ Hydro Statistics () Hydel Projects In Neighbouring Countries V Hydel Projects in Bhutan Hydel Projects in Nepal Hydel Projects in Myanmar Projects in Bangladesh Status as in July 2008 $\diamond$ Inter-State Disputes on HEPs $\diamond$ Pumped Storage Schemes $\diamond$ North Eastern Region Storage Status of Important Reservoirs in the Country

HEP Contract Document

- Policies and Guidelines governing India's Hydro Power Sector
- Hydro Electric Potential and Capacity Addition
- Hydro Project Status Updates
- International Projects
- Inter-State dispute on HEPs
- Storage Status of Important Reservoirs
- Special focus on the North Eastern Region
- HEP contract document

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# Nuclear Power

D Power Sector Database O Nuclear Power Sector Overview Guest Column Regulatory Framework & Bodies Policy & Reforms  $\searrow$ Acts Power Sector Players Rules Regionwise Profiles Notification Power Projects State Sector Private Sector Directives Generation Transmission Distribution Rural Electrification Thermal Power Hydro Power Nuclear Power 31, 2011) Captive Power 11th Plan Power Trading Renewable Energy Climate Change Energy Conservation Technological Developments 6,2006) Global Overview Statistical Data

## Overview of Nuclear Power- Why Nuclear Power? C Regulations & Acts Liability for Nuclear Damage Bill Consentings 📎 Code and Guides D Nuclear Power in India List of Nuclear Projects Commissioned / Under Construction During the XI Plan (August 2011) List of Nuclear Projects Commissioned/ Being Monitored for Benefit During XI Plan (as on July Plantwise generation target for the Profile of NPCIL Projects Profile of NPCIL Power tariff of various Atomic Power Stations of NPCIL (October

- Regulations and Acts governing the Nuclear Power Sector in India
- Nuclear code and guide
- Nuclear Power in India and Global Overview
- Latest Technology Developments
- Safety concerns and Security measures
- Exhaustive Profiles of Captive Power Projects in India
- Fuel Allocation for Captive Power Plants

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#### 1200 MW Raigarh TPP

| Promoter  | AES Chhattisgarh Energy Private Limited  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
| Location  | Raigarh district, Chhattisgarh   |  |  |  |  |  |  |  |  |
| Installed Capacity  | 1,200 MW ± 20%   |  |  |  |  |  |  |  |  |
| Unit configuration  |  |  |  |  |  |  |  |  |  |
| Type of Fuel  | Domestic coal  |  |  |  |  |  |  |  |  |
| Fuel Requirement/Source                                     | Domestic coal proposed to be sourced from Sayang coal block. Application for<br>tapering linkage submitted with MoC on March 12, 2008.   |  |  |  |  |  |  |  |  |
| Land Requirement  | 700 acres  |  |  |  |  |  |  |  |  |
| Water Requirement/Source                                    | 33.50 million cum/year to be sourced from the Mahanadi river   |  |  |  |  |  |  |  |  |
| Estimated Cost  | INR 6,800 Crore (excluding coal mine)  |  |  |  |  |  |  |  |  |
| Date of Estimate  | October 2010   |  |  |  |  |  |  |  |  |
| Expenditure   | INR 46.73 Crore  |  |  |  |  |  |  |  |  |
| Tariff  | INR 2.75/kwh<br>INR 2.80/kwh (1st year Levelised)  |  |  |  |  |  |  |  |  |
| Financial Closure   | July 2013* (as of now)   |  |  |  |  |  |  |  |  |
| РРА   | <ul> <li>Capacity to be sold to various utilities and consumers on short term<br/>and long term basis as per provisions of the Electricity Act 2003</li> <li>MoU signed with Power Trading Corporation (PTC) for sale of 200 MW<br/>of power on short term basis.</li> <li>Upto 37.5% power to be sold to CSEB on regulated tariff under the<br/>Implementation Agreement with CSEB and Government of<br/>Chhattisgarh. Letter of Comfort from CSPTCL for purchase of 37.5% of<br/>power.</li> </ul> |  |  |  |  |  |  |  |  |
| Main Plant  | -  |  |  |  |  |  |  |  |  |
| Power Evacuation  | <ul> <li>Load flow study of the evacuation system carried out by PGCIL.</li> <li>Application for Long Term Open Access filed with PGCIL. Request has<br/>been made to PGCIL to inter-connect our station at its proposed<br/>Dharamjaygarh sub-station.</li> </ul>   |  |  |  |  |  |  |  |  |
| Commissioning Schedule                                      | Unit I: March 2017* Unit II: September 2017*   |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
| Consent for establishment of<br>plant from State Government | Available  |  |  |  |  |  |  |  |  |
| Environment clearance                                       | Environment clearance from MoEF is estimated by November 2012*   |  |  |  |  |  |  |  |  |
| Forest Clearance  | Available  |  |  |  |  |  |  |  |  |
| Land Acquisition  | Available  |  |  |  |  |  |  |  |  |
| Water Allocation  | Accorded by State Water Resources Utilization Committee on April 5, 2007   |  |  |  |  |  |  |  |  |
| Stack Height Clearance                                      | -  |  |  |  |  |  |  |  |  |
| SPCB Clearance  | -  |  |  |  |  |  |  |  |  |

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# Power Projects

D Power Sector Database Dewer Projects Sector Overview Central/Public Sector Projects Guest Column CO NTPC Regulatory Framework & Bodies Thermal Projects Policy & Reforms Hydro Projects Power Sector Players NEEPCO Regionwise Profiles NHPC Power Projects DVC State Sector SJVNL Private Sector S NHDC Generation S THDC Transmission State Sector Projects Distribution  $\diamond$ Private Sector Projects **Rural Electrification**  $\diamond$ Nuclear Sector Projects Thermal Power  $\bigcirc$ Hydro Power Captive Sector Projects Nuclear Power  $\diamond$ Ultra Mega Power Projects Captive Power Joint Sector Projects Power Trading List of IPPs Having Power Sale Tieups (May 2011) Renewable Energy Status of Case-I and Case-II Projects Climate Change (January 2011) Energy Conservation Status of Case-I and Case-II Projects (28.04.2010) Technological Developments Status of Power Projects as on 15 Dec Statistical Data

- India's only comprehensive Knowledge Base of 1000+ power projects classified according to:
  - Stage (operational, under construction, proposed)
  - Sector (central, state, private)
  - Fuel (thermal, hydro, RES)
- Coverage of details like:
  - Promoter, Location
  - Commissioning schedule
  - Financials: Cost, Expenditure, Financial Closure
  - Fuel, Land & Water Availability
  - Clearance Status

| Industry Information | on Market Intellige | ence Re | Regulatory Landscape |      | Indus | Industry Viewpoint |   | Search Functionality |  |
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# Chermal Power

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Coal for Power 🚫 Coal Statement of Thermal Power Stations Coal Prices Coal Imports Coal Allocation/Linkages Policies/Guidelines/Procedures Captive Mine Allocation Demand Supply Coal Stock Position Generation Loss due to Coal Shortage Flv Ash Stats E-Auctioning of Coal Reports/Imp Docs O Gas for Power Status of Gas Allocation (September 2010 & Archives) Status of Gas/liquid fuel Supply for Power Generation Projects (May 2011 & Archives) Gas Demand-Supply (December) 2010 & Archives) KG D6 Offtake Review Important Docs

#### Archives (2008-09 & before)

- Periodic Reports (Daily/ Fortnightly/ Monthly) on Fuel Availability of Coal and Oil and Gas for generation
- Demand forecasts of various fuel for generation on a monthly and annual basis
- Data on port-wise quantity and landed price of imported coal

| Industry Information | on Market Intellige | ence I | Regulatory Landscape |       | Industry Viewpoint |       | Search Functionality |            |
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# Statistical Data: Demand & Supply

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#### Demand & Supply $\bigcirc$ Electricity Consumption $\diamond$ Electric Power Survey $\bigcirc$ Power Requirement & Availability Power Supply Position since X Plan (As on July 2011) Utility wise Average Cost of Supply and Revenue Gap from 2002-03 to 2009-10 (August 2011) India Electricity Demand Forecast Scenario upto 2030-31 (August 2011) Energy Requirement and Energy Availability in the Country from 1984 -85 to 2010-11 (September 2011) Projected Shortage of Power for the year 2011-12 (September 2011) E State wise Demand and Supply of Power for 2010-11 (August 2011) E Power Supply Position since 8th Plan (March 2011) Electricity Generation Statistics: As on November 2009 Power Supply to Agricultural Sector during October 2010 Assessment of Energy Demand E Anticipated Power Supply Position in 2011-12 State-wise details of growth in energy requirement energy availability of power during the last

- Electricity Demand and Availability with Future Projections
- Month wise, State wise Actual Power Supply Position and Peak Demand vs Peak Met
- Electricity Consumption and Forecast
- Utility wise average cost of supply
- Projected Shortage of Power
- Electricity Generation statistics

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# Statistical Data: Power Tariffs & Costs

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#### 😟 Power Tariffs and Costs

 Comparison of Levelized Tariff under Cost plus Methodology with Levelized Tariff Under Competitive Bidding (September 2011)
 Electricity Prices for Households and Industries from 2005 to 2009 and Average Cost of Supply in the Country from 2006-07 to 2008-09
 Delhi Discom's - Tariff Issue
 Statewise Electricity Tariffs

- (Estimated upto March 31, 2009) State wise Schedule of Retail Supply Tariff-FY 2010-11(Feb 2011)
- Comparison of Electricity Tariffs in India and other developing countries (Dec 2010)
- Utilities wise/ Project wise / Fuel wise Rate of Sale of Power in India for 2007- 08
- Sectorwise/Plantwise Cost of Generation (2006-07) [As on April 30, 2008)
- Summary of Power Purchase Cost, Cross-Subsidy Surcharge and Cost to Industry for different cases across the States [September 2007]
- Statewise Status of adopting Multi Year Tariff Framework (As on April 27, 2007)

- Exhaustive coverage of state and central power tariffs
- Weekly analysis of power trading data with respect to prices and volumes
- Comparison of Electricity Tariffs
- Electricity Prices for various sectors such as households, domestic, commercial, industrial etc
- Utilities wise/Project wise/Fuel wise Rate of Sale of Power

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| Corporate           | Products            | Ş    | Services             | Caree | rs                 | Store |                      | What's New |

# Policy & Reforms

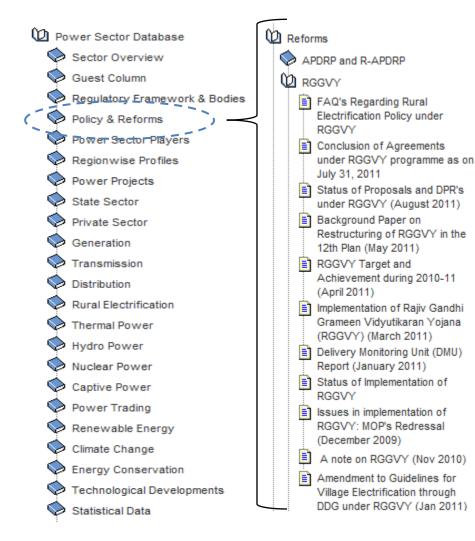
D Power Sector Database Sector Overview Guest Column Regulatory Eramework & Bodies Policy & Reforms Power Sector Players Regionwise Profiles Power Projects State Sector Private Sector Generation Transmission Distribution **Rural Electrification** Thermal Power Hydro Power Nuclear Power Captive Power Power Trading Renewable Energy Climate Change Energy Conservation Technological Developments Statistical Data

Dolicy & Reforms D Important Acts and Policies Important Acts Important Policies Indian Electricity Grid Code  $\diamond$ Draft Policies & Reports  $\diamond$ Reforms Standing Committee Reports  $\diamond$ Public Private Partnership (PPP)  $\diamond$ Reforms- Committee / Taskforce Guidelines & Notifications Ð Compensation paid by CGRF to Consumers as on September 2011 Minutes of Meeting for Approval of Key Policy Targets for Power Sector for the year 2010-11 Report of the GoM on Standardisation of Specifications of TPPs [Feb., 2008] E MoP's Discussion Paper on the Policy for Import of Power from Neighboring Countries MoF's Paper on Prudent Regulatory Philosophy for Implementation Across Sectors: An Action Plan E Comments of the Planning Commission on Indian Power Sector (February 2007) E Constitution and Functions of Regional Power Committees

- In-depth coverage of important Acts and Policies like
- Electricity Act 2003, Electricity Conservation Act, National Electricity Policy, National Tariff Policy, Hydro Power Policy, Mega Power Policy, etc.
- Stakeholder viewpoints and Discussion on draft policies
- Important Notifications and guidelines
- Regulatory bodies, their functions and periodical reports
- Public Private Partnerships

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# Policy & Reforms



- Updated Status of APDRP and R-APDRP
- RGGVY- Rural Electrification
- Status of Proposals and DPRs
- Target and Achievement
- Delivery Monitoring Unit
- Implementation of Open Access
- Competitive Bidding
- Restructuring of SEBs

| Industry Informatic | on Market Intellige | ence | Regulatory L | egulatory Landscape |    | Industry Viewpoint |  | Search Functionality |  |
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# Industry Viewpoint

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🖗 Guest Column

Experts Speak

🖄 In Conversation

- Shri R K Sachdev, President, CPSI & Former Advisor (Coal) to Govt. of India (Pub on June 28, 2011)
- Shri B K Chaturvedi, Member, Planning Commission (Pub on July 14, 2011)
- Gautam Bhandari, Managing Director and Head of Asia for Morgan Stanley Infrastructure (Pub on July 5, 2011)
- Shri P D Sudhakar, Chairman, DERC (Pub on July 15, 2011)
- Shri Pankaj Sehgal, MD, Technology and Clean Tech. Investments, Sun Group (Pub on July 22, 2011)
- Shri T N Thakur, CMD, PTC India Ltd (Pub on Aug 17, 2011)
- Shri T K Ananthkumar, Director (Finance), OlL India Ltd (Pub on Aug 23, 2011)
- Shri K K Jha, Director (Pipelines), IOCL (Pub on Sep 6, 2011)
- Shri Sunand Sharma, Country President, Alstom India (Pub on June 22, 2011)
- Shri M Ravindran, CEO, GAIL Gas
- Ltd (Pub on June 16, 2011)
- 🖹 Shri Sunil Wadhwa, MD, NDPL (Pub

- Regular Interviews with the Top Level Executives of Generation, Transmission and Distribution Industry
- Latest interviews featured
  - Shri B.K. Chaturvedi Member, Planning Commission
  - Shri R.K. Sachdev, President CPSI & Former Advisor (Coal), Govt. of India
  - Shri Gautam Bhandari Managing Director & Head of Asia Morgan Stanley Infrastructure
  - Shri Sunil Wadhwa Managing Director, NDPL
  - Shri T.N. Thakur CMD, PTC India Ltd.

| Industry Information | n Market Intellige | ence Regulatory | Regulatory Landscape |    | stry Viewpoint | Search Functionality |            |
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| Corporate            | Products           | Services        | Caree                | rs | Store          |                      | What's New |

# Industry Viewpoint



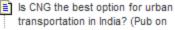
🖗 Guest Column

Experts Speak

In Conversation

#### Doints of View

- Is Zonal Tariff in contradiction with the idea of an integrated national gas grid owing to cascading effect of distance based tariff/s? (Pub on July 12, 2011)
- Do we need to revisit our plans to enhance nuclear power in the aftermath of Japan nuclear crisis? (Pub on Jul 19, 2011)
- Should e-auction of coal be stopped till Coal India can meet the requirement of the power sector? (Pub on July 26, 2011)
- Do we have enough domestic gas available for CGD to continue to be a success story by having access to cheap gas? (Pub on Aug 2, 2011)
- Should the prices of imported and domestic coal be pooled? (Pub on June 30, 2011)
- Is gas price pooling the answer to existing disparities in gas prices for consumers? (Pub on June 23, 2011)



- Analysis of Industry Experts on Significant Issues of Power Sector
- Regular Interviews with the Top Level Executives of Generation, Transmission and Distribution Industry
- Point of View of Industry Specialists on contemporary Issues

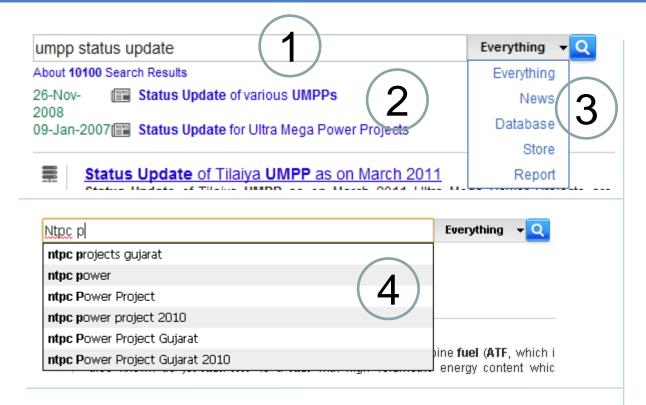
| Industry Information | on Market Intellige | ence | Regulatory I | Regulatory Landscape |    | Industry Viewpoint |  | Search Functionality |  |
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| Corporate            | Products            | C    | Services     | Caree                | rs | Store              |  | What's New           |  |

# InfraSearch: Snapshot

| Refine By  | Reset UMPP Status Update Sort by time   |
|--|---|
| Sector   | About 10791 Search Results  |
| Alsector   |   |
| Power (4239)                                     | 2008<br>09-Jan-2007 Status Update for Ultra Mega Power Projects (3) + Past week   |
| Oil and Gas (3635)                               | Past morth  |
| S1151 312 10 10 10 10 10 10 10 10 10 10 10 10 10 | Status Update of Tilaiva UMPP as on March 2011     Past year  |
| Coal (2428)                                      | V a Status Update of Trains UMPP as on March 2011 Uit's Mega Power Projects are  • Past Three years   |
| Upstream (341)                                   | initiatives of Coveniment of India (Col Mana Power Erviert (TJ IMER), a domestic coal Past Sizveare   |
| Coal Distribution (6)                            | based UMPP is being implemented through Special Purpose Vehicle (SPV)   |
|  | 4 based UMPP is being implemented through Special Purpose. Vehicle (SPV)<br>Company<br>08-Ac-2011   |
| Contexttype                                      |   |
| All contexttype                                  | PLACE IN A REAL OF THE REAL OF THE REAL AND A   |
| Natural Gas(3025)                                |   |
| Petro Products (1255)                            | mitiatives of Government of India (Gol Nega Power Project (T-UNPP), a domestic coal<br>based UMPP is being implemented through Special Purpose Vehicle (SPV) •Renewable Energy (8)                            |
| Deal(1039)                                       | Company. • captive coal blocks  |
| Finances (1012)                                  | 11-Jui-2011 + oli gas   |
| Issues/ Constraints (981)                        | Updated, January 2011 Agenda for the review meeting on UMPPS  |
| Show Mare  | Updated January 2011 Agends for the review meeting on UMPPS Sasan UMPP Land   |
| Enter contextype name                            |   |
| Contraction of the literature                    | <ul> <li>18- tas-2011</li> <li>administratoricit.</li> </ul>  |
| Organization Project Names                       | W NTPC UMPP Status  |
| - personal a spectrum at                         | Archival Status of Krishnapatham UMPP     Opuae Searcharmole     apple coal Customers   |
| fear   | Archival Status of Krishnapsham UMPP Status (October 2009) About 350 acres of asits coal UMPP<br>and, mostly endowment and Govi, land for Revibility in unit size. Clarifications about the adminiSearch/CIL. |
| Alvear   | areas covered for excise duty exemption for UMPPs in respect of notification. COAL SALE BELING/   |
| 2010-2011(997)                                   | T0-Dec-2010 REALISATION AUGUST 2011   |
| 2011-2012(971)                                   | Archival Status of Mundra UMPP adminiSearch/CCD   |
| 2009-2010(776)                                   | Archival Status of Mundra UMPP Status (July 2010) Unit I and II are to be synchronized network design news-   |
| 2008-2009(595)                                   | by May 2011 and Nov 2011 shareholding in Mundra UMPP to finance the company's   |
|  | planned capacity addition. Status (July 2008) Critical Issues Signing adminiSearch/CGD expansion plan by  |
| 2007-2008(588)                                   | PNGRB Matauaram-  |
| Shaw Mate  | UMPP Profiles     Additional UMPPs Important Reports Status of Super Thermal Power Plant at Kudo     Vision Natura Gas  |
| Enter year name                                  |   |
| Reconceller.                                     | Kamataka (September 2011) Status of Ultra Mega Power Projects as on September Pipeline     2011 (September 2011) Status of UMPPs in India as on August 01, 2011 (September                                    |
| Geography  | E 2011 (September 2011) Status of UMPPs in India as on August 01, 2011 (September admin:Search/CGD 08-Sep-2011 Chig tabled coal block   |
| All geography                                    | calm-vedanta deal   |
| India (1197)                                     | Chhattisgarh UMPP adminiSearch/Bongaiga<br>Chhattisgarh UMPP Promoter Chhattisgarh Surguja Power Limited (Formerly known as power   |
| Gujarat (279)                                    | Aisitara Power i imited a has confirmed in principle availability of 135 gusers of water admin-Second CE-Abit.  |
| Madhya Pradesh (276)                             | for this project from Rehar River. Status (October. 2004/1  |
| Numbei-City (271)                                | Designmentilise proces  |
| Andhra Pradesh (268)                             | Status Updates Search/Gude of price adminiSearch/BachBan  |
| Show More  | Diesei Hydro-Treatment Project (Updated in July 2011) Status Updates June 2011 May Sparch REEPCO  |
| Enter geography name                             | 2011 April 2011 March 2011 February 2011 Previous Monthly Status Updates on agartala Renewable  |
|  | Diesei Hydro-Treatment Project June 2011 1. Milestones achieved. Energy Search/ohoenis<br>23-May-2011   |
| Projecttype                                      | H AND   |
| NG MARTER  | The Status Updates  |
| Contenttype                                      | Status Updates on HPCL's New Fluidized Catalytic Cracking Unit (FCCU), Numbai     Status Updates November 2010 May 2010 March 15, 2010 July 2009 Monthly Status   |
|  | Updates on HPCL's FCCU Project. Number 2010 Brief Project.  |
|  | 09-Mar-2011   |

| Industry Informatio | on Market Intellige | ence | Regulatory Landscape |       | Industry Viewpoint |       | Se | Search Functionality |  |
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| Corporate           | Products            | S    | Services             | Caree | rs                 | Store |    | What's New           |  |

# Relevant Results, Faster



 Updated: January 2011 Agenda for the review meeting on UMPPS

Updated January 2011 Agenda for the review meeting on UMPPS Sasan UMPP Land acquisition for plant and coal mines in the meeting will apprise the status on above points. Tamil Nadu Cheyymr UMPP Joint hearing of EAC (MoEF) of Thermal for both...

18-Jan-2011

 InfraSearch<sup>™</sup> query Box
 Top news items

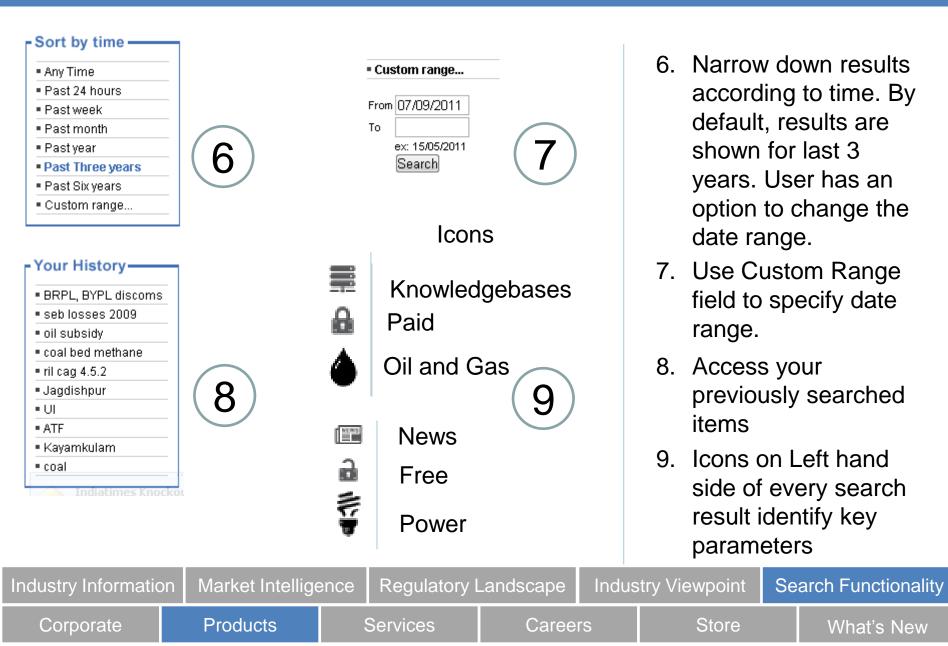
 Top news items related to search query

- Option to Search only in News / Database / Store / Reports
- 4. Auto Search suggestions
- Clicking on title takes to the detailed description page. Each search result followed by a brief description and the date.

| Industry Informatic | n Market Intellige | ence F | Regulatory Landscape |       | Industry Viewpoint |       | Se | Search Functionality |  |
|---------------------|--------------------|--------|----------------------|-------|--------------------|-------|----|----------------------|--|
| Corporate           | Products           | Se     | ervices              | Caree | rs                 | Store |    | What's New           |  |

2





# Option to Choose Multiple Filters even in Combination



| Industry Informatio | n Market Intellige | ence Regulatory | Landscape | Indus | stry Viewpoint | Se | arch Functionality |
|---------------------|--------------------|-----------------|-----------|-------|----------------|----|--------------------|
| Corporate           | Products           | Services        | Caree     | rs    | Store          |    | What's New         |

| Year  |  |
|-------|--|
| i cai |  |

📝 All year 2010-2011(48) 2009-2010(37) 2011-2012(33) 2008-2009(31) Eleventh Plan (2007-2012)(29) Show More Enter year name Geography All geography India (62) 🔲 Andhra Pradesh (39) 🔲 Delhi (22) Assam (20) 🔲 Chattisgarh (15) Show More Enter geography name Projecttype -All projecttype Central Sector Projects(67) operational projects(32) Refinery(27) Thermal Power Project(23) Combined Cycle Power

-

Broinct(1372

Enter projecttype name

## Filters – How to Use

- Filters are a unique way to narrow down to your search result.
- Seven way filters Sector, Context Type, Organization / Project names, year, Geography, Project Type and Content Type – allow to use filters in standalone or in combination with other filters.
- You can execute highly customized query. For example, you may want to chose all 'Issues/Constraints' [Context Type]' related to 'UMPP' [Project Type] in 'Andhra Pradesh' [Geography] in year '2010-2011' [year] related to 'Reliance' [Organization name]' and so on...
- Clicking on Search results will directly take you to search item.
- Each search result has user convenient Pagination. Next page results are shown instantaneously.

| Industry Informatic | on Market Intellige | ence Regulatory | Regulatory Landscape |    | Industry Viewpoint |  | Search Functionality |  |
|---------------------|---------------------|-----------------|----------------------|----|--------------------|--|----------------------|--|
| Corporate           | Products            | Services        | Caree                | rs | Store              |  | What's New           |  |

# Who Should Buy?

- Independent Power Plants developers
- Captive Power Plant developers
- Fuel supplying companies
- Merchant Power Developers
- Fuel Transporters
- Gas Marketers/ Suppliers
- Power Plant Operators
- Fertiliser Plant Operators
- CERC, SERCs and other regulatory bodies

## Follow Us on:

- Power Traders
- Power Exchanges
- BTG Suppliers
- BoP Suppliers
- R&M Facilitators
- O&M Service Provider
- EPC Companies
- Port Authorities
- Engineering Consultants
- Power Transmission Companies
- Equity Research/Stock Broking Firms

- Power Distribution Companies
- Distribution Franchisee operators
- Financial Institutions & Project Financiers
- Investment Banks
- Consulting Firms
- Legal Firms
- Embassies & Consulates
- IT Companies
- Research & Training Institutes
- Educational Institutes













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  - Advisors: Amarchand, E&Y, PwC, KPMG, Rothschild, Deloitte, Luthra and Luthra, BMR, Ambit, AT Kearney, BNP Paribas, PFC Energy, IHS, McKinsey, etc.
  - Financial Services and Advisory firms: Morgan Stanely, JP Morgan, I-Sec, Anand Rathi, Motilal, Angel, B&K, CLSA, Crisil, BofAML, GoldmanSachs, ICRA, CARE, Kotak, etc.
  - Banks and Fis: Citibank, Standard Chartered, ICICI, DB, IDFC, IL&FS, SBI, Yes Bank, etc.
  - Academic Institutions: IIMs (Ahmedabad, Bangalore, Lucknow), ISB, IITs (Delhi, Kanpur), PDPU Gandhinagar, NPTI





Corporate Products Services Careers Store What's New





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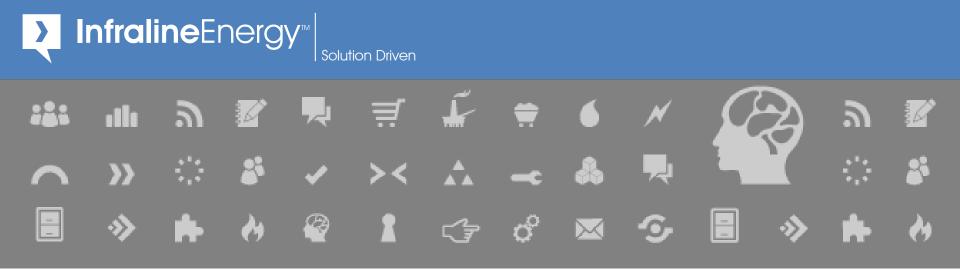
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# **Thank You**

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Web: www.infraline.com

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