Catalogue of Research Reports on Infrastructure Sectors

August 2020

India Infrastructure Research
www.indiainfrastructure.com

ABOUT US

India Infrastructure Research is a division of India Infrastructure Publishing Private Limited, a company dedicated to providing information on the infrastructure sectors through magazines, conferences, newsletters and research reports.

India Infrastructure Research publishes research reports in the areas of power, oil & gas, ports & shipping, roads & bridges, telecommunications, aviation and water.

Our reports are acknowledged as high-quality, user-friendly, up-to-date, accurate and comprehensive sources of information. They range from sector overviews (**Power in India**, for example) to more intensive studies of segments and subsegments (such as **Power Transmission in India** and **Power Distribution in India**).

Our clients include most organisations involved in the infrastructure sectors – multinationals, top Indian corporates, commercial and investment banks, consulting companies, public sector companies, government agencies, multilateral agencies and legal firms.

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Operational and Financial Performance of Discoms (April 2020)

Price: Rs. 75,000 (USD 1,770)

(Draft ToC)

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Solar Power Market in India (2020-2030) (June 2020)

Price: Rs. 75,000 (USD 1,770)

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Small-scale LNG Market 2020 (April 2020)

Price: Rs. 75,000 (USD 1,770)

Analysis, Demand, Challenges and Prospects

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The report is available in a PDF format.

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Solar Power in Africa 2020 (December 2019)

Price: Rs 120,000 (USD 2,832)

Project Pipeline, Investment Requirements and Market Opportunities

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Power Transmission in India 2020 (March 2020)

Price: Rs. 90,000 (USD 2,124)

Sector Analysis, Recent Developments, Project Pipeline and Outlook

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Charging Infrastructure for Electric Vehicles (February 2020)

Price: Rs 80,000 (USD 1,888)

Emerging Ecosystem, Policy Framework, Challenges and Outlook

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Electricity Tariff Trends in India (December 2019)

No. of slides: 126 Price: Rs 55,000 (USD 1,298)

Analyses by Consumers: HT/LT Industrial, Commercial, Residential and Agriculture; Analysis by State and Time Period

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The report is available in a PDF format.

Cost of Power for Discoms and Industrial Users (December 2019)

Price: Rs 55,000 (USD 1,298)

Analyses by Marketplace: PPAs/E-auction/Trading/Open Access
Analyses by Source: Coal, Hydro, Gas and Renewable

No. of slides: 193

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The report is available in a PDF format.

Captive Power in India 2019 (November 2019)

No. of slides: 219 Price: Rs. 75,000 (USD 1,770)

Trends, Economics, Options & Outlook + A comprehensive database of 2,800 Captive Power Plants

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The most comprehensive database covering over 2,800 captive power plants with information on owner, capacity, location and fuel type. We will also be providing the contact details of captive power plants on a best-efforts basis.

*CPPs from the following Industries would be covered:
- Metals and Minerals
- Cement
- Petrochemicals and Refineries
- Chemicals
- Textiles
- Engineering
- Pulp and Paper
- Fertilisers
- Sugar
- Institutional Users
- Group Captive
- Etc.

The report is available in a PDF format.

Wind-Solar Hybrid Market in India (October 2019)

No. of slides: 111   Price: Rs 60,000 (USD 1,416)

Potential, Projects, Economics and Projections

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The report is available in a PDF format.

Floating and Canal-based Solar PV Market in India (October 2019)

No. of slides: 111

Scope, Demand, Challenges and Prospects

Price: Rs 60,000 (USD 1,416)

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The report is available in a PDF format.

T&D Equipment Market Projections in India 2019 (August 2019)

Price: Rs. 90,000 (USD 2,124)

Market Analysis, Growth Drivers, Outlook and Projections *No. of slides: 378*

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The report is available in a PDF format.

Commercial and Industrial Solar Market in India (May 2020)

Price: Rs 75,000 (USD 1,770)

Key Trends, Regulatory Landscape and Demand Projections for Open Access-based and Captive Projects

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The report is available in a PDF format.

City Gas Distribution Market in India 2019 (June 2019)

Price: Rs 100,000 (USD 2,360)

Performance Analysis, New Bidding Rounds, Business Opportunities and Future Outlook

No. of slides: 569

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The report is available in a PDF format.

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Coal-Based Power Generation in India 2020

No. of slides: 323 Price: Rs. 75,000 (USD 1,770)

Market Trends, Plant Performance and Project Pipeline (July 2020)

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The report is available in a PDF format.

Rooftop Solar in India 2019 (May 2019)

No. of slides: 241 Price: Rs. 75,000 (USD 1,770)

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The report is available in a PDF format.

Open-Access for Renewables (December 2018)

No. of slides: 168 Price: Rs 60,000 (USD 1,416)

Emerging Economics, Evolving Regulatory Framework, Increasing Opportunities and Changing Risks

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1. MARKET OVERVIEW, KEY TRENDS AND RECENT DEVELOPMENTS . . .

There is a rising popularity among developers, especially renewable energy players, to go for third-party direct sale agreements. States of Karnataka, Tamil Nadu, Andhra Pradesh and Telangana in the southern region of India and Rajasthan, Punjab and Haryana in the northern region of the country are fast catching up with open access transactions. But there are significant challenges in the growth of this segment, especially those pertaining to discoms' resistance to let go of their high-end consumers.

- Size and Growth of Open Access-based Power Projects
- Renewable Energy-based Open Access Projects: Year-wise Trends, Source-wise Share
- Participation of Open Access Consumers in the REC Market: Volume Trends, Price Trends
- Leading States
- Key Growth Drivers
- Tariff Trends in Open Access through Solar and Wind
- Key Issues and Challenges

2. IMPACT OF AMENDMENTS IN ELECTRICITY ACT, 2003 . . . .

- Amendments Pertaining to Open Access for Renewables
- Likely Impact on Growth of Open Access-based PPAs
- Unaddressed Issues
- Industry Experts' Opinions and Recommendations

3. EXISTING OPEN ACCESS POLICY AND REGULATORY SCENARIO . . . . .

The policy and regulatory framework in this space is currently highly dispersed and varied across states, and is not even stable over the years. There is always a risk of open access charges changing year on year, making it a risky proposition to invest in.

- Overview of Open Access Charges and Losses: For Solar Projects, For Wind Projects
- Model Regulations for Intra-state Open Access and Group Captive
- State-wise Orders of Open Access/Group Captive
- State-wise Implementation Status Overview
- State-wise Power Demand and Supply Overview
- RPO Trajectory for Open Access Consumers
- Key Issues and Challenges

4. INDUSTRY STRUCTURE AND BUSINESS MODELS . . . .

The industry structure in the renewable open access segment has been emerging gradually with more number of players entering into this space. Project developers and investors are currently cautious of investing significantly in this segment, but the trend is now changing.

- Power sale options: Bilateral, Collective, REC
- Industry Structure
- Key Players and Capacities: Solar Segment, Wind Segment
- Risks and Concerns

5. TERMS OF THIRD-PARTY POWER SALE CONTRACTS . . . .

It is important for both the buyers and sellers to clarify and list out their expectations and accordingly draw up the commercial power sale contract as per the applicable regulatory framework in the respective state.

- Time Period
- Extension Provision
- Tariff and Escalations
- Provision for Changes in Regulatory Charges
- Penalties
- Legal Terms

6. ROLE OF ENERGY BANKING, F&S AND DEVIATION SETTLEMENT MECHANISM . . . .

Energy banking will play a key role in the success of solar and wind power-based open access projects. Banking is presently allowed by SERCs upon the levy of a banking charge, which differs in magnitude across states. Rules around energy banking are specified in different types of documents in various states. Additionally, various attributes of the energy banking framework also differ across states.

- State-wise Energy Banking Mechanism for Open Access Projects: Banking Charge, Banking Period, Buy-back Rate, Restrictions on Time of Injection, Withdrawal of the Banked Energy, Other Attributes (seasonality constraints, buy-back rates, accounting for RPO, etc.)
- State-wise Emerging Energy Banking Framework
- State-wise Forecasting and Scheduling
- Deviation Settlement Charges

7. STATE PROFILES . . . .

This chapter will include profiles of Andhra Pradesh, Karnataka, Tamil Nadu, Maharashtra, Gujarat, Rajasthan, Madhya Pradesh, Telangana, Uttar Pradesh, Chhattisgarh, Haryana, Delhi, Punjab, etc.

- Open Access Charges and Exemptions for Solar and Wind Power: Transmission Losses, Distribution Losses, Wheeling Charges, Cross Subsidy Surcharge, Additional Surcharge, Reactive Energy Charges, Standby Charges, Banking of Surplus Solar Power, Scheduling of Power, Energy Metering
- Key Players and Capacities: Overall Solar, Solar Open Access, Overall Wind, Wind Open Access
- Landed Cost and Return Analysis
- Process and Approvals for Open Access Projects
- Key Industrial and Corporate Clusters: Existing, Upcoming

8. PROJECTED OPEN ACCESS MARKET . . . .

Over 2 GW of green power is being sold to big corporates through direct agreements and the trend is northbound as more and more corporates and industries are joining in the race. The business case for renewable energy based open access is getting stronger with the decreasing cost of green power and increasing cost of thermal power.

- Short-term (2019-23) and Long-term (2024-28) Projections
- Renewable-based Open Access Capacity Projections
- Open Access Projected Tariff and Pricing Trends
- IRR Projections
- Future Growth Drivers
- Expected Market Restraints

EXPERT OPINION . . . .

The report will feature 5-8 interviews of senior representatives at regulatory commissions, large open access consumers and key open access project developers, and experienced industry consultants

The report is available in a PDF format.

Underground Cables Market in India (November 2018) *No. of slides: 139 Price: Rs 50,000 (USD 1,180)*

Market Trends, Outlook and Opportunities

ENERGY

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EXECUTIVE SUMMARY . . . .

With the growing demand for power in urban areas and industries, underground cable systems are becoming an increasingly indispensable part of power transmission and distribution systems. With improved technologies and increased reliability, the cost differential between underground cables and overhead power lines is narrowing and utilities are acknowledging the benefits associated with underground cabling. This report will attempt to take a look at the key trends in the deployment of underground cables so far; analyse the plans and proposal of T&D utilities; examine new and evolving technology improvements and solutions being offered by the industry; as well as assess the key issues and challenges.

1. T&D INDUSTRY OVERVIEW . . . .

The T&D industry has been growing steadily with investments being made in system strengthening and capacity additions. This chapter gives an overview of the T&D industry and will focus on:

- Growth and Size of Existing T&D Networks
- Recent T&D Network Additions
- Projected T&D Network Additions
- Projected Capex (till 2022-23)
- Future Outlook
- Issues and Challenges

2. MARKET SIZE AND GROWTH FOR UNDERGROUND CABLES . . . .

Most of India's T&D network continues to be strung overhead across the country; however, concerns about reliability and quality of supply are making utilities gradually replace their networks with underground lines. This chapter gives an overview on the new and emerging utility requirements in the underground cabling segment and will cover the following:

- Experience so far in T&D Networks
- Emerging Utility Requirements
  - Transmission
  - Distribution
- Major Projects Commissioned
  - Transmission
  - Distribution
- Major Projects Awarded/Under Construction
  - Transmission
  - Distribution
- Key Recent Tenders
- Issues and Challenges

3. RECENT TRENDS AND ADVANCES . . . .

Well-designed and well-installed underground cable systems are expected to have a service life of 30-40 years. Utility providers, transmission companies and cable manufacturers are hence, looking for new technologies and solutions to respond to new grid challenges. This chapter looks at the new and promising technologies, designs and solutions for underground cable networks.

- Design, Laying and Construction Processes
- Product and Technology Trends
- Market Trends and Developments (JVs/Acquisitions/Partnership Deals)
- Pricing and Cost Trends

4. OPPORTUNITIES UNDER KEY CENTRAL/STATE GOVERNMENT PROGRAMMES . . . .

Underground cables are an important part of several central government initiatives for improving T&D networks under IPDS. This chapter provides the details of plans and targets of works proposed to be taken up under various schemes.

- Snapshot of Key Government Programmes (IPDS, Green Energy Corridors, State Government Initiatives, etc.)
- Physical Targets for UG Cabling Works
- Funding Availability for UG Cabling Projects
- Issues and Concerns

5. OPPORTUNITIES UNDER SMART CITIES MISSION . . . .

The Smart Cities Mission offers significant opportunities for underground cabling in key cities. Some cities such as Indore, Belagavi, Dharamshala, Lucknow, Kanpur and Tirupati are implementing projects for setting up underground cabling network for utilities such as electric wires, water pipelines, stormwater drains, sewers and telecommunication cables. This chapter provides the details of plans and targets of works proposed to be taken up under various schemes.

- Snapshot of the Mission
- Physical Targets for UG Cabling Works
- Projects Completed so Far in Key Cities
- Projects Under Construction/ Awarded
- Proposed Projects
- Issues and concerns

6. OUTLOOK AND PROJECTIONS (till 2022) . . . .

This chapter will give a snapshot of the investments and physical targets proposed for underground cabling networks by transcos and discoms. The information presented in this chapter is based on both primary and secondary information collected from transcos and discoms.

- Growth Drivers for UG Cabling
- Expected Demand for UG Cables
- Plans and Targets of Utilities by Segment
  - Transmission
  - Distribution
- Budgeted Capital Expenditures on UG Cabling
- Future Outlook

7. LEADING PLAYERS . . . .

This chapter primarily focuses on the profiles of key vendors and technology providers for underground cabling. Each profile covers the following information:

- Brief Company Overview
- Key Product Offerings
- Existing Manufacturing Capacity
- Financial Performance
- Future Plans

The report is available in a PDF format.

ENERGY

Future of Solar O&M in India (September 2018)

No. of slides: 149 Price: Rs 60,000 (USD 1,416)

Changing Landscape, Growing Role of Digitisation and New Opportunities

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1. EXECUTIVE SUMMARY

Solar plants are built to last 20-25 years. After the engineering procurement and construction period is completed, developers need to ensure that the operations and maintenance (O&M) activities are seamless for sustained energy generation over the project lifetime. The report will highlight the emerging opportunities in this space and the growing role of new technologies like automation and artificial intelligence.

2. MARKET OVERVIEW

In the initial years of solar power development in India, O&M was often coupled with EPC and performed by the same vendors, but of late, solar O&M has emerged as a separate market with its own landscape, trends and dynamics. This chapter will cover the following areas:

- Current size of the solar O&M market
- Market size by segment
  - Utility-scale, Rooftop, Canal-top & floating solar
- Key growth trends and drivers
- O&M Evolution - Reactive to Predictive Analysis
  - Applications in solar O&M, Cost and time savings
- Emerging Role of Energy Storage
- Key issues and concerns

3. COST TRENDS

The cost of O&M services has been declining over the past few years and the downward trend is expected to continue. The cost composition itself is changing due to greater automation and use of advanced tools. This chapter will cover the following areas:

- Solar O&M cost trajectory (2012-18)
- Cost breakup analysis
  - Vehicles and logistics, Equipment and tools, Overheads, Personnel/ Manpower, Digital, Others
- Cost projections (2019-24)
  - Business model evolution, Key cost considerations, Impact of scale, Impact of energy storage, Future cost estimates

4. EMERGING O&M BUSINESS MODELS

Globally, there has been a rise of third party solar O&M service providers. As more sophisticated and structured approach emerges in the solar O&M market, third party providers are able to deliver more value to solar investors and owners. This chapter will cover the following areas:

- Capex-based
- Profit-sharing
- Fixed cost
- O&M extensions
- Others

5. TERMS OF O&M CONTRACTS

It is important for both developers and O&M service providers to clarify and list out their expectations and accordingly draw up a long-term contract. An effective contract will result in higher plant efficiencies. This chapter will cover the following areas:

- Time periods
- Product warranties
- Performance guarantees/SLAs
- Penalties
- Ownership
- Legal terms

6. GRID MANAGEMENT BY O&M PLAYERS

As the government becomes stricter in its implementation of forecasting, scheduling and deviation settlement mechanism regulations, grid management will become a key component of O&M players. Integration of energy storage on to existing plants will lead to a greater O&M play. This chapter will cover the following areas:

- Forecasting and scheduling
- Deviation settlement management
- Integration of energy storage into existing plants
- Cost implications
- Experience so far

7. O&M COMPANY PROFILES

A large number of O&M focused players are coming up, some as hive-offs from existing EPC companies and others as independent specialists. This chapter will have 5-8 profiles of key O&M players in India covering the following:

- Project portfolio
- Service offerings
- Technology tie-ups
- On-ground experience
- In-pipeline capacity
- Etc.

8. DIGITALISATION AND AUTOMATION AT PLANT LEVEL

Digitalisation and automation will play a key role in providing efficient O&M services, thereby changing the current O&M cost composition, which is currently dominated by manpower expenses. New technologies are being adopted for improving asset lifecycle management, predictive maintenance, remote sensoring and control, cloud computing, and use of drones for visual imaging. A number of companies have also already started using robotics for cleaning modules. This chapter will cover the following areas:

- Emerging role, applications and use case for the following
  - Manpower and material management, Automated monitoring and big data analytics, Robotics, drones and wearables
- Growing role of artificial intelligence
  - Machine learning applications, AI field assistants and predictive analytics, Existing use cases
- Key technology providers
- Industry Perspective
  (Views of key personnel from the solar O&M industry and technology providers on the growing role of AI, robotics and data analytics)

9. KEY CHALLENGES, BEST PRACTICES AND CASE STUDIES

The lack of attention given to O&M practices is one of the primary challenges that the segment is facing. If the plant is not maintained properly, developers can lose up to 15 per cent of the returns. This chapter will cover the following areas:

- O&M challenges matrix
- Best practices (Globally and in India)
- Case studies (This will cover successes and failures of various technologies, business models and strategies adopted by O&M players)

10. PROJECTED O&M MARKET SIZE (FROM 2019-20 TO 2024-25)

The total addressable market for solar PV O&M is expected to reach 30 GW in 2018-19. It is likely to more than triple by 2022 to exceed 100 GW. In fact, going forward, as the installed base gets larger, O&M revenue may even exceed the development and construction revenue. This chapter will cover the following areas:

- Impact factors
- Emerging O&M industry structure
- Short-term projections
- Medium-term projections
- Long-term projections

The report is available in a PDF format.

Waste to Energy 2018 (May 2018)

No. of slides: 140   Price: Rs 50,000 (USD 1,180)

ENERGY

Segment Analysis, Trends and Outlook

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The report is available in a PDF format.

ENERGY

Competitive Bidding for Wind Projects (May 2018)

No. of slides: 140 Price: Rs 50,000 (USD 1,180)

Key Trends, Risks, Alternatives and Outlook

Table of Contents

The report is available in a PDF format.

ENERGY

Hydro Power Market in India 2020 (July 2020)

No. of slides: 219 *Price: Rs 75,000 (USD 1,770)*

Market Developments, New Hydro Policy, Project Pipeline and Future Outlook

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The report is available in a PDF format.

ENERGY

Renewable Energy Development in Africa (April 2018)

Price: Rs 200,000 (USD 3,200)

Trends, Outlook, Opportunities and Projections *No. of slides: 504*

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The report is available in a PDF format.

Distribution Franchise in India (April 2018)

No. of slides: 90 Price: Rs 50,000 (USD 1,180)

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The report is available in a PDF format.

ENERGY

Solar Plant Performance in India 2017-18

No. of slides: 195 Price Rs. 60,000 (USD 1,416)

(January 2018)

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The report is available in a PDF format.

Storage Infrastructure in India 2020 (May 2020)

Price: Rs 75,000 (USD 1,770)

Market Insights, Trends, Opportunities and Outlook

TRANSPORTATION

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The report is available in a PDF format

TRANSPORTATION

Airports in India 2020 (June 2020)

Price: Rs 110,000 (USD 2,596)

Sector Analysis, Investment Opportunities and Future Outlook

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The report is available in a PDF format

Urban Rail in India 2020 (March 2020)

No. of slides: 614 Price: Rs 75,000 (USD 1,770)

Sector Analysis, Investment Opportunities, Emerging Trends and New Opportunities

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Each profile covers the project scope (network length, alignment details, number of stations, rolling stock, fare system, signaling and telecommunications, traction, etc.), ownership details, implementing agency, cost estimates, key consultants, key contractors, key milestones, funding pattern, actual/expected ridership, recent contracts, upcoming tenders, and the detailed current status.

The report is available in a PDF format.

TRANSPORTATION

Railways in India 2020 (June 2020)

No. of slides: 466 Price: Rs 110,000 (USD 2,596)

Analysis and Insights; Projections and Opportunities

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The dataset covers the following:
- Mastersheet of Key Upcoming Projects; Zone-wise Expenditure in 2019-20; Tracks; Signalling and Telecommunication; Traction Distribution Works; Electrification; Dedicated Freight Corridors (DFCs); High Speed Rail (HSR) Projects; Suburban Rail Projects; Rapid Regional Transit Systems; Station Redevelopment Projects; Rail Tunnel Projects; Key PPP Projects

The report is available in a PDF format.

TRANSPORTATION

Road Development in India 2020 (June 2020)

Price: Rs 110,000 (USD 2,596)

Research report with weekly newsletters and monthly updates

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The report is available in a PDF format.

Ports in India 2020 (June 2020)

No. of slides: 702 Price: Rs 110,000 (USD 2,596)

Sector Analysis, Project Pipeline, Emerging Opportunities and Outlook

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The report is available in a PDF format.

Container Market in India 2019 (October 2019)

Price: Rs 80,000 (USD 1,888)

Segment Analysis, Emerging Trends, New Opportunities and Outlook

TRANSPORTATION

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The report is available in a PDF format.

Dredging in India (October 2018)

No. of slides: 316 Price: Rs 60,000 (USD 1,416)

Market Analysis, New Opportunities and Outlook

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A comprehensive database of key dredging projects with information on quantity dredged, contractor, location, contract value, type of dredged deployed, etc. The database would include projects being undertaken at the major ports, non-major ports, national waterways, oil and gas fields, rivers, beaches, etc. It would also cover the ongoing and upcoming projects under the central government programmes.

The report is available in a PDF format.

TRANSPORTATION

Logistics in India 2020 (August 2020) (Draft ToC)

Price: Rs 100,000 (USD 2,360)

Future Needs, Emerging Trends and New Opportunities

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The report will be available in a PDF format.

Clean Bus Market in India: Hybrid, Electric, Gas-Based

Price: Rs 50,000 (USD 1,180)

Segment Overview, Outlook and Market Opportunities (May 2018)

No. of Slides: 135

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The report is available in a PDF format.

Mining in India 2020 (April 2020)

No. of Slides: 307 Price: Rs 75,000 (USD 1,770)

Analysis, Developments, Outlook and Projections

Table of Contents

The report is available in a PDF format.

Mining Equipment Market Projections in India 2020 (April 2020)

Price: Rs 75,000 (USD 1,770)

Analysis, Developments, Outlook and Projections

No. of Slides: 173

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The report is available in a PDF format.

Tunnelling in India 2020 (April 2020)

Price: Rs 75,000 (USD 1,770)

Emerging Trends, New Technologies, Upcoming Projects and Opportunities

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A comprehensive database of key tunneling projects across the metro, railway, roads and highways, water supply and sewage, irrigation and oil and gas sectors. Each project will provide information ontunnel length, no. of tunnels, location, implementing agency, project cost, contractor, current status, tunneling method, expected date of completion, etc.

Each profile will cover information on company operations, existing fleet, geographical coverage, financial performance, future plans, etc.

The report is available in a PDF format.

CONSTRUCTION & MINING

Desalination Market in India (April 2020)

Price: Rs 50,000 (USD 1,180)

Analysis, Cost Economics, Upcoming Capacity and Future Potential

Table of Contents

Each project provides information on the scope of work, location, cost, capacity, mode of implementation, implementing agency, developer/contractor, current status, expected date of completion, etc.

The report is available in a PDF format.

Wastewater Treatment and Reuse Market in India (April 2020)

Price: Rs 50,000 (USD 1,180)

Current State, City-Level Initiatives, Emerging Technologies and Upcoming Opportunities

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The report is available in a PDF format.

Water Market in India 2019 (November 2019)

Price: Rs 100,000 (USD 2,360)

Municipal, Industrial, Desalination & Wastewater Treatment/Reuse

No. of slides: 500

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The report is available in a PDF format.

Sewage Treatment Market in India 2019 (September 2019)

Price: Rs 75,000 (USD 1,770)

Key Trends, Government Initiatives, Emerging Technologies & Upcoming Opportunities

No. of slides: 501

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The database will be a compilation of upcoming projects (ongoing and planned) in the sector including sewage treatment facilities (WWTPS), sewage pumping stations, sewage pipelines, recycle and reuse facilities, and effluent treatment plants with details on scope, location, cost, capacity, funding sources, implementing agency, contractor (wherever available), current status, expected date of completion, etc.

The report is available in a PDF format.

Affordable Housing in India 2019 (September 2019)

Price: Rs 75,000 (USD 1,770)

Progress so Far, Recent Developments, New Projects and Future Outlook

No. of slides: 269

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The report is available in a PDF format.

Municipal Solid Waste Market in India 2019 (August 2020)

Price: Rs 75,000 (USD 1,770)

Emerging Trends, City-Level Initiatives, New Projects and Opportunities

(Draft ToC)

URBAN INFRASTRUCTURE

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The report will be available in a PDF format.

Smart Cities in India 2020 (June 2020)

Price: Rs 75,000 (USD 1,770)

Trends, New Initiatives, Outlook and Opportunities

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The report will also provide a comprehensive Excel-based database of ongoing and upcoming projects across the water supply, sewerage, waste, energy, mobility, buildings, roads, safety and security, e-governance, parking, and healthcare segments.

Each project will provide information on:
- Scope; Project Cost; Type of Project (Area-based or Pan-City) ; Mode of Implementation ; Implementing Agency; Contractor/ Developer/Technology Vendor (wherever available); Current Status; Expected Date of Completion Etc.

The report is available in a PDF format

Optic Fibre Cable Market in India 2020 (May 2020)

Price: Rs 60,000 (USD 1,416)

Market Trends, Growth Drivers and Demand Outlook

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The report is available in a PDF format

MULTI-SECTOR

Opportunities in the Indian Healthcare Market (November 2019)

Price: Rs 75,000 (USD 1,770)

Segment Analysis and Outlook: Infrastructure, Technology, Equipment and Insurance

No. of slides: 382

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The report is available in a PDF format.

Investment and Market Opportunities in African Infrastructure

Price: Rs 100,000 (USD 2,360)

(November 2018)

No. of slides: 772

MULTI-SECTOR

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The report is available in a PDF format.

MULTI-SECTOR

Irrigation in India (July 2020)

Price: Rs 110,000 (USD 2,596)

State Profiles, Upcoming Projects, Investments and Opportunities

No. of slides: xxx

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The report is available in a PDF format

Investment and Market Opportunities in Southeast Asian Infrastructure

Price: Rs 110,000 (USD 2,596)

(August 2019)

No. of slides: 704

MULTI-SECTOR

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Each country profile covers the economic scenario, sector-wise global competitiveness rankings, current state of infrastructure, sector-wise size and growth, snapshot of project pipeline and trends in budgetary allocations.

The report is available in a PDF format

MULTI-SECTOR

Opportunities in Indian Defence Market 2019 (January 2019)

Price: Rs 75,000 (USD 1,770)

Market Analysis, Potential for Offsets and Future Outlook

No. of slides: 401

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Each profile gives an overview of the company's operations, key contracts, recent collaborations, joint ventures, and future plans and strategies.

The report is available in a PDF format.

Banking Technology in India (September 2018)

Price: Rs 80,000 (USD 1,888)

Current Status and Emerging Trends

No. of slides: 177

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