

# Transformation

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Financial section

India had a peak power shortage of 10% in 2012-13.

To address this growing deficit, India needs to build generation, transmission and distribution infrastructure – faster than ever before.

Over the last few years, DPSC Limited has developed itself with the objective to transform the prevalent Indian power scenario.







AT DPSC LIMITED, WE ARE DRIVEN BY THE SPIRIT OF  
**‘TRANSFORMATION’.**

THIS PRIORITY IS REFLECTED IN WHAT WE HAVE ACHIEVED IN THE LAST FEW YEARS.

DPSC LIMITED IS A UNIQUE INTEGRATED POWER UTILITY WITH 90 YEARS OF EXPERIENCE, HAVING TRANSFORMED ITSELF THROUGH MODERN TECHNOLOGY, DIVERSE GEOGRAPHIC PRESENCE AND ONE OF THE LOWEST T&D LOSSES.

GOING AHEAD, WE PLAN TO EXPAND OUR GENERATION CAPACITY TO 1100 MW AND DISTRIBUTION CAPACITY TO 1000 MVA BY 2016.

## MISSION

- To light up and empower industries and millions of homes by being the lowest cost, most reliable and environmentally sound conventional & non-conventional energy provider.
- To provide employees a strong sense of ownership, professional respect and pride, resulting in high moral and performance.
- To enhance shareholders' value by growth and profitability.

## VISION

A leading and reliable end-to-end energy solutions provider to the country

## ABOUT US

DPSC Limited (established in 1919) is one of the oldest power utility companies in India engaged in power generation, distribution and trading.

The Company operates as a distribution licensee in a licensed area of 618 sq. km in the industrial belt of West Bengal.

The Company has 95 MW of wind power plants in Rajasthan, Gujarat and Karnataka; the Company developed a grid-connected solar power plant of 2 MW capacity in collaboration with West Bengal Green Energy Development Corporation Limited in West Bengal.

The Company is also setting up a 450 MW thermal power plant in Haldia, West Bengal.

## OUR PROGRESS

1919

Entry into power utility business

1930

Commissioned first generation unit of 12 MW

2006

Commissioned a 10.4 MW wind power plant in Karnataka

2007

Commissioned another 24.8 MW wind power plant in Gujarat

2008

Commissioned Asia's largest grid-connected solar plant (when commissioned) of 2 MW in Shibpur, Asansol

2011

Commenced implementation of a 450 MW thermal power project in Haldia

2012

Implemented first phase of Smart Grid- Automated Meter Reading (AMR to billing)

2012

Commissioned the third wind power plant of 60 MW in Rajasthan

2012

Implemented 2x270 MW thermal power project in Raghunathpur, West Bengal

2016

Aim to attain 1100 MW in generation and 1000 MVA in distribution

## KEY HIGHLIGHTS 2012-13

650

Gross revenue (₹ crore)

256

Connected Load (MVA)

3

T & D Loss (%)

0.21

Debt-equity ratio

27.6

Post-tax profit (₹ crore)

72

EBIDTA (₹ crore)

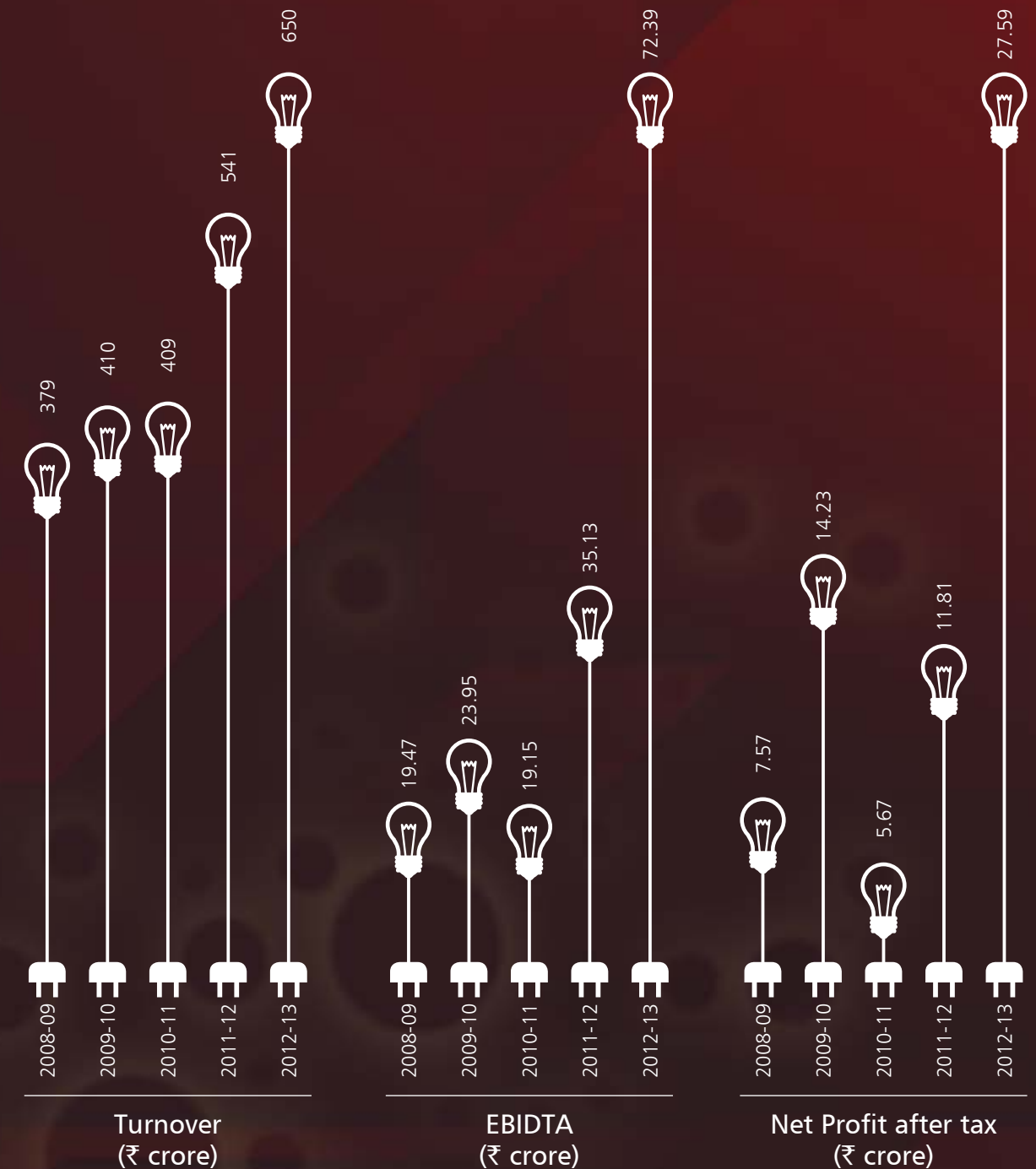
11

Return on capital employed, average (%)

99

Reliability (percent)

## HOW WE ARE TRANSFORMING OUR NUMBERS







# TRANSFORMATION



## PUBLIC SECTOR TO PRIVATE.

THE COMPANY, INCORPORATED IN 1919, WAS A PUBLIC SECTOR UNDERTAKING KNOWN AS DISHERGARH POWER SUPPLY CO. LTD.

The objective of the Company was to primarily supply power to the erstwhile collieries of the Andrew Yule Group in the Asansol-Raniganj Belt under British India.

During the 1930s, the Company commissioned its first thermal power plant (12 MW). Thereafter, the Company was granted its distribution license and following independence, continued to operate as a public sector enterprise and as a part of the Andrew Yule Group.

In 2010, the Company transformed from a public sector enterprise to a private sector company when India Power Corporation Limited (IPCL) assumed management control.

AT DPSC LIMITED, WE HAVE COMBINED AN ENDURING WISDOM OF 94 YEARS OF PUBLIC SECTOR EXPERIENCE WITH 10 YEARS OF PRIVATE SECTOR ENTREPRENEURSHIP.

## STANDALONE TO INTEGRATED.

WITH THE INTEGRATION OF IPCL WITH DPSC, WE HAVE STRENGTHENED OUR BALANCE SHEET WITH THE OBJECTIVE TO ACHIEVE FINANCIAL SUSTAINABILITY

- Increased net worth from ₹110 crore in 2010-11 to ₹976 crore in 2012-13
- EBIDTA margin increased by more than 100% between 2011 to 2013

This robust financial framework will serve as a foundation for the company to accelerate its momentum and grow in a sustainable way.

The integration also resulted in:

- Pooling of intellectual capital
- A larger asset base and enhanced financial resources
- Optimal resource utilisation
- Stronger administration
- Sustainable Balance Sheet

THE INTEGRATION ENABLES THE COMPANY TO STRENGTHEN ITS BRAND, ATTRACT INVESTMENTS AND AGGREGATE COMPETENCIES WITH EFFICIENCY AND EFFECTIVENESS.





## INDEPENDENT TO SYNERGISTIC.

THE INDIAN POWER SECTOR REQUIRES SYNERGY AMONG ITS GENERATION, TRANSMISSION AND DISTRIBUTION SEGMENTS FOR INCREASED RELIABILITY, COST EFFECTIVENESS AND POWER AVAILABILITY.

This fully integrated approach is reflected in the business model of the DPSC:

- Thermal generation
- Transmission
- Distribution
- Trading
- Wind power
- Solar power

Because of integration we are in a better position to serve customers – efficiently and effectively.

Besides, the Company embarked on a number of initiatives to enhance its operating synergies

- Strengthening existing distribution network for higher reliability
- Scaling up generation capacity to cater to future consumer growth
- Getting National Grid connectivity for sourcing economical power for the benefit of the consumer
- Increasing the renewable energy portfolio

## LEGACY TO CUTTING-EDGE.

IN A BUSINESS THAT NEEDS TO DELIVER THE HIGHEST RELIABILITY OF SUPPLY, MOST ECONOMICALLY, FOR THE BENEFIT OF THE CONSUMERS, THERE IS A NEED TO CONTINUOUSLY INVEST IN CUTTING-EDGE TECHNOLOGIES.

Our commitment to state-of-the-art technology is demonstrated through the following measures:

- T&D losses declined to 3%
- DPSC invested in the AMR technology in 2011 replacing the conventional manual presence-driven meter reading technology with automated remote reading.
- The technology has helped in complete generation of monthly bills online and representing the company's readiness for the futuristic Smart Grid concept.
- DPSC invested in the GIS technology in 2011 to map distribution assets
- This has enabled assets monitoring, understanding network topology, locate faults at a low downtime



## SMALL TO LARGE.

WITH THE INEVITABLE INCREASE IN PER CAPITA CONSUMPTION OF ENERGY, THERE WILL BE A GROWING DEMAND FOR POWER WHICH REQUIRES A LARGER CAPACITY BUILD-UP AT A STEADY PACE.

DPSC Limited has undertaken certain measures to contribute towards the national power development via progressive additions in generation and augmenting its distribution capabilities.

The Company is strengthening its generation and distribution profile through the following initiatives:

- Strengthening distribution network and building assets to cater to a 1,000 MVA demand by 2016
- Setting up a 3 x 150 MW thermal power project in Haldia, W.B.
- Planning a 2 x 270 MW thermal power plant in Raghunathpur, W.B.
- Progressively planning to expand our wind energy portfolio

## CARBON FOOTPRINT TO GREEN COVER.

IN A WORLD WITH A GROWING EMPHASIS ON REDUCING CARBON FOOTPRINT, THERE IS A NEED TO GROW THE POWER SECTOR KEEPING IN MIND THE ENVIRONMENTAL PRIORITIES.

DPSC Limited, has made renewable energy generation integral to its growth. Its growing investment in wind energy generation assets will raise its renewable energy portfolio in the coming years.

The Company engaged in the following initiatives:

- Investing in renewable energy from established global vendors
- Entering into secure power purchase agreements with state governments
- Exploring regions with high wind energy with the intention to increase the wind energy portfolio

### OUR RENEWABLE ENERGY PORTFOLIO

State	Commissioning	MW	PPA with	Tenure
Karnataka	2005-06	10.4	Bescom	10 years
Gujarat	2006-07	24.8	GUVNL	20 years
West Bengal	2008-2009	2	WBGEDCL	10 years
Rajasthan	2011-12	60.0	AVVNL	20 years
Total		97.2		



## REGIONAL TO NATIONAL.

DPSC, POST-TRANSFORMATION, HAS WIDENED ITS PRESENCE FROM OPERATING ONLY IN WEST BENGAL TO OPERATING IN OTHER STATES (RAJASTHAN, KARNATAKA AND GUJARAT), EMERGING AS A NATIONAL PLAYER.

By spreading its footprint across the country, the Company is progressing towards its vision of providing reliable energy to its widening base of consumers.

In the days to come, the Company is also keen to explore the opportunities arising out of the distribution franchisees and PPP models in various Indian states.

## OFF-GRID TO NATIONAL GRID.

DPSC LIMITED HAS EMBARKED ON A NUMBER OF INITIATIVES TO STRENGTHEN ITS DISTRIBUTION CAPACITY AND CONNECT ITSELF TO THE NATIONAL GRID.

The Company is strengthening its connectivity to the National Electricity Grid through the proposed commissioning of new sub-stations at JK Nagar (220/33 KV) and Chalbalpur (400/220/132/33 KV).

### Case study

## MAKING A DIFFERENCE

When our dependable service saved 300 underground miners...

At DPSC Limited, we provide uninterrupted power to a variety of downstream users.

A number of these industrial users are engaged in critical sectors like mining, railways and healthcare.

For instance, DPSC addresses the needs of nearly 90 underground mines comprising more than 300 miners in challenging subterranean conditions with a high dependence on energy for safety and security.

When the country's Northern Grid collapsed in July 2012 across 20 states for three days, making it difficult for utilities to provide power to its consumers, the fear was that this would extend to DPSC as well, with disastrous consequences.

DPSC was among few bright spots – literally – to report a continuous uptime as a result of which, the miners could be evacuated with ease and convenience.

Because a team of DPSC engineers worked overtime to save lives...

### 200 trapped in coal mines rescued

ANIL GIRI  
ASANSOL, JULY 31

With the collapse of Eastern Grid and breakdown of power, 200 Eastern Coalfields Ltd workers were trapped in Raniganj coal belt. As soon as the news spread, there was panic and pandemonium in Sodepur and

Kunustoria areas in Raniganj as hundreds of distraught family members started pouring, clamouring for rescue operation. However, in the absence of power, the ECL authorities were not in a position to do much. They sent SOS to the power supplier, DPSC. Responding to their desperate call, the DPSC restored partial

power on emergency basis. With the help of technical experts, the ECL officials started evacuating the trapped miners safely. General manager, technical, ECL, Niladri Roy confirmed that 200 miners were rescued from the underground coal mines. "Now there is no miner inside any mine and no miner was sent in any

mine in the second shift," Mr Roy said. A DPSC official said that the power supplier had been supplying power to three mines of the ECL. "On an emergency call from the ECL, we have supplied life-saving power of three MVA," he added. When all miners were evacuated, their family members heaved a collective sigh of relief.

Asian Age, 1st August, 2012



# RESPONSIBLE ENTERPRISE



A responsible enterprise not only works towards improving its business practices but also actively takes part in conserving the environment and giving back to the society at large.

As a responsible enterprise, DPSC Limited was engaged in a number of initiatives directed at societal upliftment in 2012-13 covering the following:

## Electrification

- Provided several street lights in the Majhi/Santhal Para in Manohar Chawk and Asanbani Mouza areas.
- Provided street lights at a subsidised rate to approximately 200 consumers adjacent to the SPS unit.

## Education

- Donated to a school for the blind in Kulti
- Allocated funds for the maintenance, supply of furniture and water filter to S. D. Girls H.S. School
- Delivered computers to Niyamatpur training centre
- Granted monthly financial grants to A.C. Institution Higher Secondary School, Sodepur Colliery High School and Seebpore Workshop Free Primary School
- Awarded scholarships to the children of its employees and contractor workers.

## Health

- Provided free medical consultancy and health check-ups at its facilities.
- Conducted regular health camps through a network of medical professionals.
- Organised blood donation camps.

## Drinking water

DPSC Limited also provides drinking water to villages adjacent to its central office.

## Social

The Company funded two NGOs with a monetary grant at its Annual Function at the Science City Auditorium, Kolkata. In 2012, the beneficiary NGOs comprised **The Friends Foundation of Asia** (organisation for the chronically and terminally ill) and **WWF India**. Organisations who have benefited like this comprise **Ramakrishna Sarada Sangha**, Sitarampur, an organisation involved with social causes, **The Calcutta Hope** and **St. Thomas**.

DPSC Limited also provides infrastructure facilities to Operation Smile at Salt Lake.

## Environment

Perhaps the most important aspect of CSR is the emphasis on environmental conservation. The earth is approaching an ecological collapse. Pollution and habitat disrespect are destroying on average 200 species of flora and fauna per day, a rate unheard of since the extinction of dinosaurs some 65 million years ago. Fresh water is being consumed faster than is being replenished. Polar ice-caps are thawing due to global warming, which can potentially lead to the flooding and destruction of coastal cities.

CSR emphasises sustainable growth, which allows companies to reap profits while creating a negligible or, if possible, positive impact on the environment. Initiatives such as renewable power, rainwater harvesting, carbon footprint reduction and wildlife conservation all play a part in ensuring not just that the world of the future will be green, but that there will be a world of the future at all.

DPSC Limited is committed to green, environmentally responsible power. Without exception, we obtain all environmental clearances and follow environmental norms. We pursue environment-friendly technologies and adopt green technologies whenever possible. We installed water recycling plants for waste water management. We planted thousands of trees in the vicinity of our power plants to reduce our carbon footprint.