

TATA POWER DELHI DISTRIBUTION LIMITED

A Tata Power and Delhi Government Joint Venture

Efficient & Safer Utility GIS at Tata Power DDL

Dhruba Banerjee – HOD (GIS & Energy Audit)





Excellence through TQM...

ABOUT TATA POWER DELHI DISTRIBUTION LIMITED

"To be the most trusted and admired provider of reliable, competitive power and services, and be the company of choice for all stakeholders"

TATA POWER – DDL IS CERTIFIED WITH									
ISO 9001:2008	ISO (EMS) 14001:2004	OHSAS 18001:2007	ISO (ISMS) 27001:2005	SA 8000 : 2008					





51:49 Joint Venture of The Tata Power Company Limited (Tata Power) and the Government of Delhi Formed on 1st July 2002 in













Foundation for a smarter grid



GIS Journey of Tata Power-DDL



GIS – Integration Landscape



Tata Power DDL – Distribution Network Elements

Major Occupational Risk – Distribution Utility

Demographic & Societal Challenges

Narrow Lanes (222 JJ slums)

High consumer density

Electrocution

Soil collapse during excavation

Road Accidents

Crushed while Material handling

way

Network elements existing on road

Encroachment of Right of

Increase in road heights

Consumer Complaint through Call Centre

Outage Management System (OMS)

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OMS Screen to Telephone Operator

Lineman attending complaint (Self Supervised)

Problem statement and solution envisaged

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Hazardous conditions on Poles

TATA POWER-DDL

with you Non-Stop

In Summary – GIS & Safety

Caution – The Mutant !

GIS – The Three C's of Quality

GIS @ Tata Power-DDL , Latest and Next avenues

Positional Accuracy – Explained

DGNSS Solution - Base Station Coverage

Implementation - Comparison

GIS Next – The 4th C of Convenience using Technology

Thank You!

