

Case Study

Disaster Recovery Solution

CLIENT DHURUMA Operations and Maintenance - Riyadh

Dhuruma power plant, PP11 IPP is a Gas/Oil fired combined cycle power plant with the production capacity of 1,756 MW. The Plant is located 135 km to the west of the city of Riyadh.

The plant operation and monitoring systems are very critical for the successful operation of the powerplant, which is operated by DHURUMA O&M. They want to make sure that, all the systems are reliable and stable with nearly zero down time. They need a high availability on all business and production systems

Business Challenges	GBS Solutions	Project Outcome
<ol style="list-style-type: none"> 1. Need a reliable and stable IT infrastructure solution 2. High availability on all systems 3. Need a disaster recovery solution 4. Avoid downtime during the plant maintenance 	<ol style="list-style-type: none"> 1. GBS build Disaster Recovery Datacenter around 160KM away from the plant with vMware solutions and all the business-critical Servers has been Replicated to the DR site. 2. GBS given the affordable and cost effective Disaster Recovery Solution from Veeam. 3. Installed WAN Accelerator for Data Optimization, Caching and De-duplication 4. Encrypted all data while transferring to the DR Site 	<ol style="list-style-type: none"> 1. With Veeam Backup and Replication Solution, they can activate the DR with a single Click 2. Dhuruma Recover Time and Point Object is 1 Hour. 3. Lost Data can be Restored from DR Site since the Replica Servers will keep last 4 Restore points. 4. Dhuruma IT team can Enable the DR Servers to perform the Maintenance Task at Primary site without losing Business Continuity 5. Veeam need only slow WAN Link, since WAN accelerator is transmitting the changes on the data blocks after De-duplication.