

First Prize

BPO Buildings

**GENPACT INDIA
Sitapur, Jaipur (Rajasthan)**

Building Profile

Genpact is a global leader in transforming and running business processes and operations including those that are complex and industry-specific. Genpact stands for Generating Impact – visible in tighter cost management as well as better management of risk, regulations, and growth for hundreds of long-term clients including more than 100 of the Fortune Global 500 – and of those, over 10 of the top 25. Genpact began in 1997 as a business unit within General Electric. As GE made Lean and Six Sigma pervasive, Genpact applied this same industrial engineering ethos to business processes operations for the first time in the world.

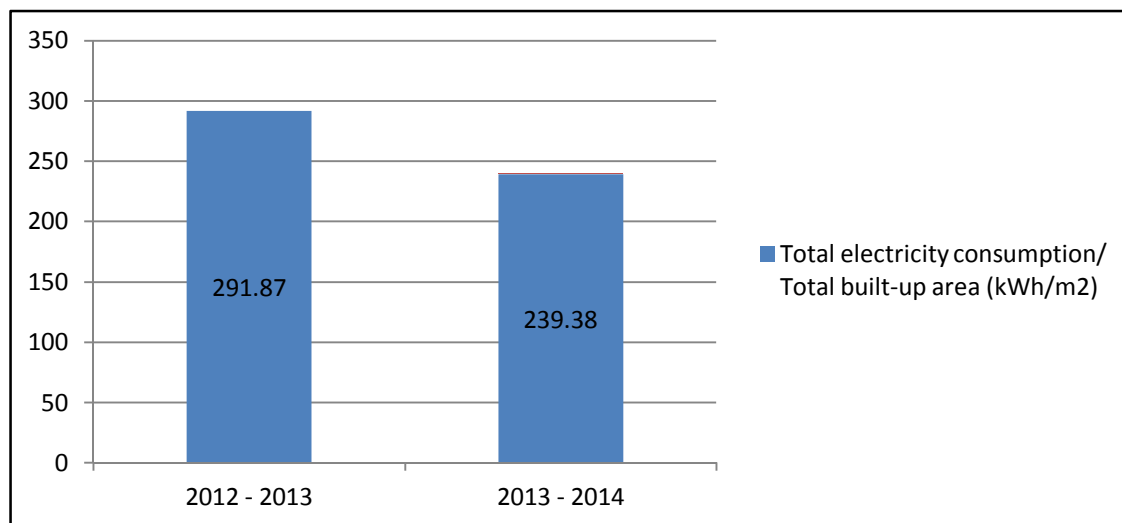


Genpact, Jaipur Sitapura center was opened in 2003. It is located in Sitapura Industrial Area of Jaipur.

BUILDING AREA AND CONNECTED LOAD DETAILS

Building Area and Connected Load	2012-13	2013-14
Total Built up Area (in m ²)	8579.5	8579.5
Air-conditioned area (in m ²)	8579.5	8579.5
Total Connected Load (in kW)	680 KW	680 KW
Building contract demand with electric utility company (kVA)	850 KVA	850 KVA
Average power factor for the period	0.991	0.994
Building operating hours	24x7	24x7

ENERGY PROFILE



Year	Total electricity consumption/ Total built-up area (kWh/m ²)	% Reduction over 2013 - 2014
2012-13	291.87	--
2013-14	239.38	17.98 %

ENERGY CONSERVATION PROJECTS IMPLEMENTED

1) Installation of 01 Nos. of three way unit 11 Tr. AC in place of two way 11.6 Tr. AC

Replaced 01 no's of 11.6 TR AC by two way 11 TR AC. Earlier AC was taking 31 Amp now new AC are taking 23 Amp & also Air flow increase due to two way AC, overall power consumption has gone down by 285 units per day.

2) Installation of 01 Nos. of two way, 5 Tr. AC (Energy Efficient) in place of two way 5.8 Tr. AC

Replaced 01 no's of 5.8 TR AC by two way 5 TR. AC Energy efficient. Earlier AC was taking 13 Amp now new AC are taking 9 Amp & also Air flow increased due to two way AC, overall power consumption has gone down by 206 units per day.

3) Installation of 03 Nos. of two ways, 3 Tr. AC (Energy Efficient) in Place of 3 No's old Units.

Replaced 03 no's of 3 TR AC by two way 3 TR AC Energy efficient. Earlier AC's were taking 9 Amp now new AC's are taking 6 Amp & also Air flow increased. Overall power consumption has gone down by 146 units per day.

4) Installation of Air damper to minimize the AC running by using ambient temperature.

5 nos. of fresh air dampers are installed at floor, by using these damper low temperature ambient air flow at floor which help in maintaining the floor temperature. Hence, AC running hrs reduced so overall power consumption had gone down by 50 units per day.

5) Installation of 13 No's LED light in place 2 x 18 CFL

Earlier 13 no's of 2 x 18 CFL were installed at common place. Now building has replaced the same by 11 w LED light, and power consumption had gone down by 0.264 units per day.

6) Installation of Motion sensor at production floor

Earlier all lights of production floor were continuous glowing incase few employee were working on that floor , now BPO has installed motion sensor at each bay so that lights were auto cut off in case of no motion observed within 10 minutes, now overall power consumption had gone down by 2.68 units per day.

Energy Policy

Genpact is committed to conserve energy which is a scarce resource with the requisite consistency in the efficiency, effectiveness in the cost involved in the operation and ensuring that production quality & quantity, environment, Safety, health of people are maintained.

Genpact plans to achieve the above by the following:-

- Manage efficiently the utilization of energy resources upgrade hardware & employ cleaner & more efficient Technology.
- Carryout regular internal & external audits to identify area for improvement.
- Bench-mark continuously its performance against best practices.
- Enrich its experience on energy conservation by exchange of ideas with other organization.
- Promote awareness among all members of the Genpact team.
- Carry out all Planed Preventive Maintenance timely to all running equipment.
- Uses of Pull cord to all internal lights.
- Daily basis kWh measuring for all major electrical equipment's.