

CASE STUDY

FACTS AT A GLANCE

PROJECT CAPACITY
500 kW

PROJECT LOCATION
HT Media, Greater Noida

AREA OF PLANT:
Roof-top spread over
6000 Sq. Meters
pre-engineered roof

TECHNICAL DETAILS
Pv modules: 1560 Nos.
of Trina 320 Wp
poly-crystalline modules
Inverters: 7 Nos. of SMA
STP60 Inverters

ANNUAL GENERATION
6,50,000 kWh

EMISSIONS CURBED:
14,079 Tonnes
over project lifetime
of 25 years



OVERVIEW

HT Media Limited is a mass media company based out of Delhi. It's legacy in mass communication dates to as early as 1924. HT Media joined hands with Amplus Energy to solarize its printing press plant located in Greater Noida through 500 KWp solar PV plant. The solar plant spans across 6000 Sqm rooftop of the plant and generates up to 6.5 Lakh units (KWh) solar power annually. With this plant, HT Media substantiates its commitment towards being an ecologically responsible organization. The solar plant was declared commercial on 28 March 2017. The plant is expected to generate green energy equivalent to 13,617 Indian's annual electricity needs over its lifetime of 25 years.



UNIQUE ASPECTS OF THE PROJECT

HT Media is Amplus' first client from the Media Industry. Entire installation was done amidst the printing press running under the roof. Running press made the execution difficult and hence extra safety & security standards were maintained to conduct different activities safely. Dedicated security officer was deployed during the construction phase. Best practices like tool box, training of workers before starting the work, etc. were followed.

The project was done with CKD (Complete Knock-down) approach w.r.t. material supply at the site. Under this approach, construction started after the delivery of complete material at the site. It was challenging to get delivered the complete material before starting the work. We therefore got the material delivered in a window with regular follow-ups. The CKD approach ensured that minimum time was spent at site for project construction activities.

All of these resulted into one of the best projects of Amplus till date in terms of quality, safety and duration. The credit for successful completion of the project goes to Hemant Makode (Project Manager) and his team.