







# GENRAY DATA SERVICES

Integrating location intelligence with industry data

## WHAT IS GENRAY DATA SERVICES?

-  An on-demand service to help you make more confident site selection decisions for your solar and wind projects
-  Offers the largest collection of spatial and industry data for South Asia and Southeast Asia
-  Data curated from multiple sources and prepared for end-usage so that you can save precious time and money
-  Data delivered in GIS file format (.kml, .shp or .kmz) to facilitate visualization in a mapping interface for better understanding of your area of interest

## WHAT WE OFFER

- Access to industry-leading database on energy infrastructure and geophysical factors
- Assess wind and solar sites with our in-house methodology of assigning scores on various geophysical parameters
- Leverage our experts with 24-hour turnaround for your data request
- Engage us for any customized requirements for data and area of your interest

## ORDER WORKFLOW

Data request received for an Area of Interest



Request validated and quotation shared



Cost approved and data extraction starts



Data delivered over web storage, FTP or email as feasible

## AVAILABLE DATASET IN MAP LAYER FORMAT AND CSV FORMATTED DATA

### Power & Renewables Data

- Wind projects
- Solar projects
- Thermal power plants
- Nuclear power plants
- Hydro power plants
- Geothermal power plants
- Transmission lines  $\geq 66$ kv
- HVDC Transmission lines
- Transmission towers
- Substations
- Plants and projects layout
- Under-construction assets

### Exclusion Zone Data

- Road network
- Railway network
- Transmission network
- Military restrictions
- Airspace in & around
- Civil aerodromes
- Protected areas
- Waterways
- Urban settlement

### Geophysical Data

- Elevation (slope)
- Surface roughness
- Soil bearing capacity
- Floods
- Earthquake
- Cyclone

### Gas & LNG Data

- Gas blocks
- Gas processing plants
- Gas pipelines network
- Gas pipeline facilities
- Gas consumers
- Gas industrial parks
- LNG terminals
- LNG liquefaction
- City gas network

### Land Use Land Cover

- Bare Areas
- Cropland
- Grassland
- Wasteland
- Herbaceous cover
- Shrubland
- Tree Cover
- Mining
- Urban areas
- Forest area
- Other protected areas
- Water bodies
- Ice / Snow
- Airport
- Rail and Road networks
- Military base

### Resource Data

- Global Horizontal Irradiance

Learn more or Submit  
your Request here →

