NREDCAP
Clean Energy for Sustainability

GIS MAP OF RE POWER PROJECTS AND EV CHARGING STATIONS IN ANDHRA PRADESH

NREDCAP is the first nodal agency in India to implement G I S to view all proposed and commissioned Renewable Energy Power Projects along with major substations, EV Charging stations in the state of Andhra Pradesh.

> **For better view of map set your system resolution to -1366x768 and Scale-100%**

- ✓ Use Ctrl+F5 if any display issue occurs.
- ✓ Use Mouse Wheel to Zoom in and Zoom out Map.
- ✓ Click inset map icon to change map type to Standard, Satellite Image and Terrain
- ✓ Move Cursor on any icon on the map to display its details.
- ✓ Fourteen Sites have been considered for display on online map.
- ✓ District wise filter option helps to view project in the selected district.
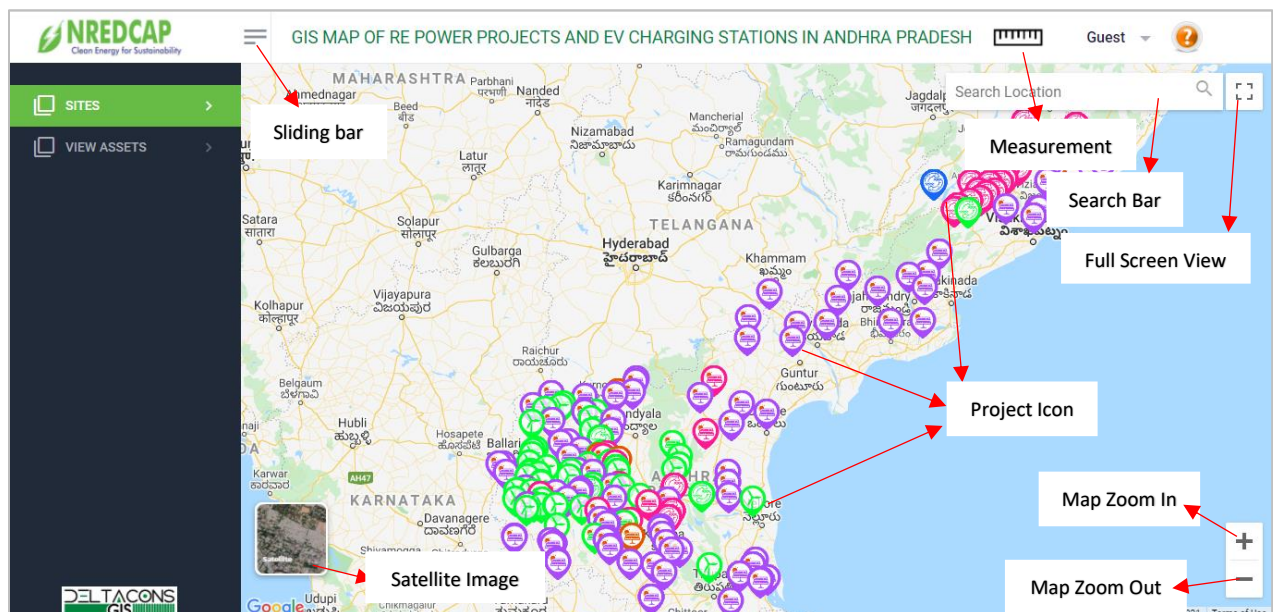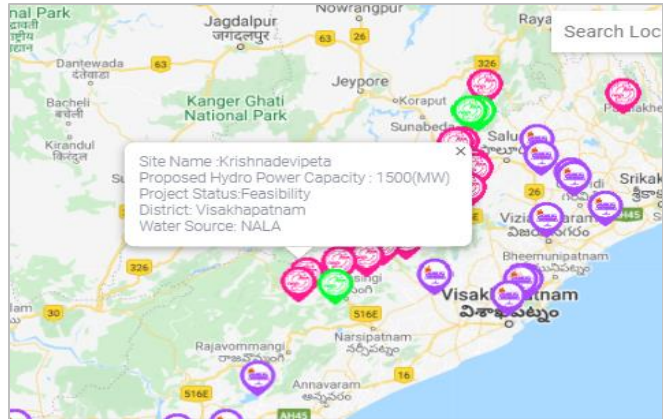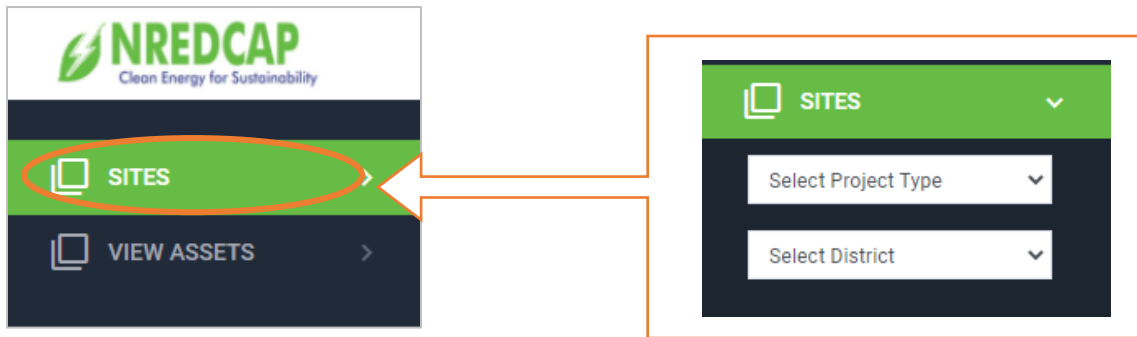
Main Screen of NREDCAPGIS.

Figure showing salient features in the NREDCAPGIS Map.

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NREDCAPGIS main screen: View Assets display Wind, Solar and Pumped Hydro Power Projects.

Move the cursor on any icon on the screen to displays Site details.

Site Name :Krishnadevipeta
Proposed Hydro Power Capacity : 1500(MW)
Project Status:Feasibility
District: Visakhapatnam
Water Source: NALA

To view all RE Power Projects click on **Sites.**

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SITES

VIEW ASSETS

SITES

Select Project Type

Select District

Select Project Type: All Projects will be displayed.

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SITES

Select Project Type

Select Project Type
Substation
Wind Met Mast
Wind
Solar
Hybrid
Pumped Hydro Power Station
Bio-Mass
Solar Pump Sets
Solar Rooftop
Floating solar
Canal Top Solar
Mini Hydel
Bio Gas
Electricity Charging Station
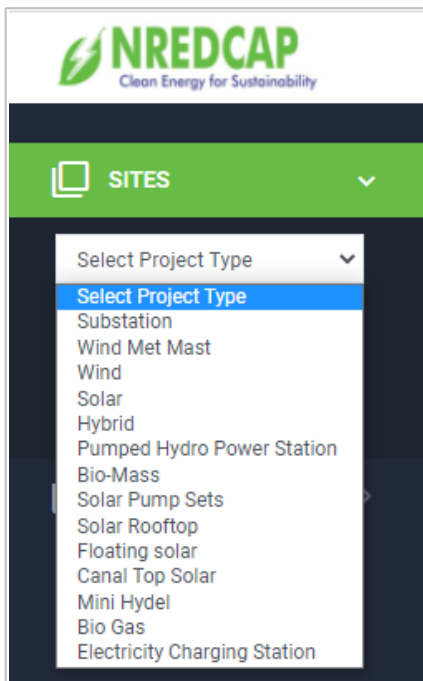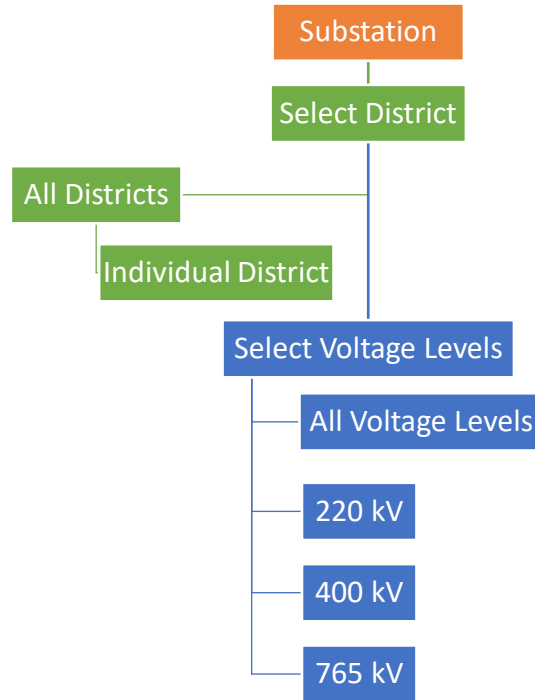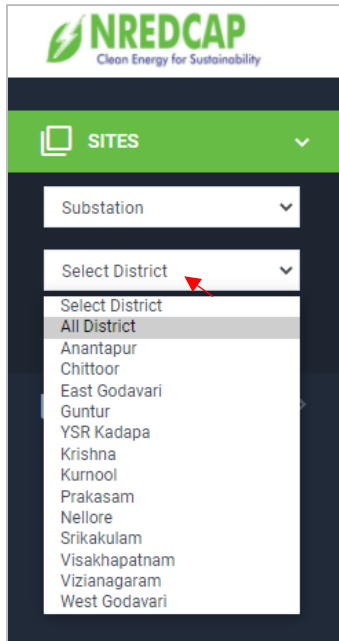
All PROJECTS:
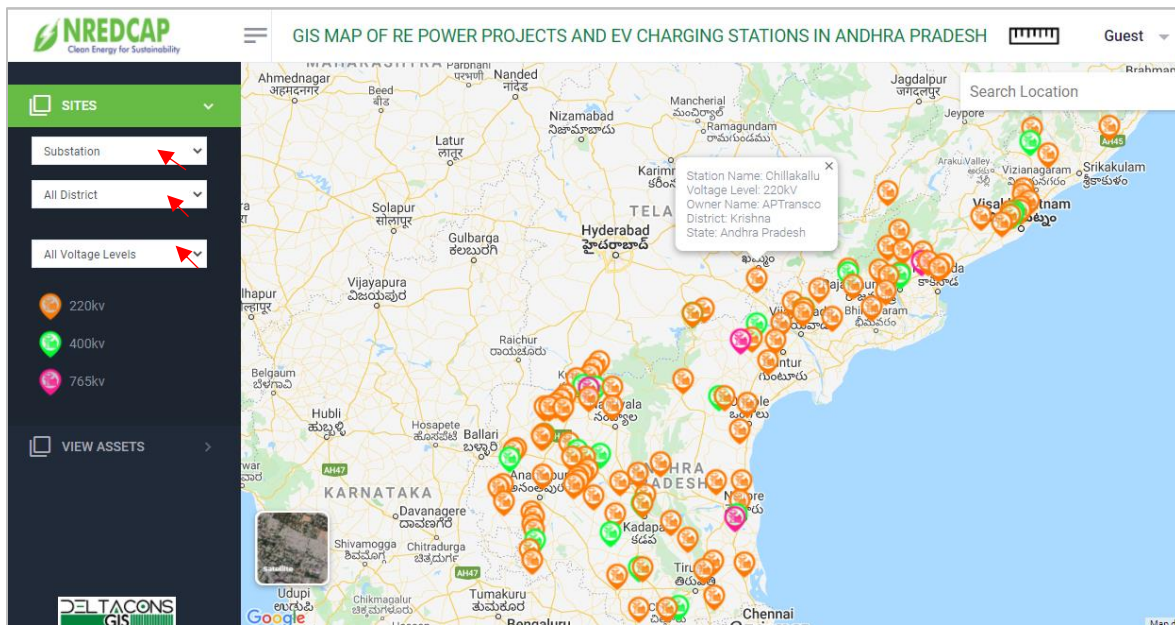
01 Substation
02 Wind Met Mast
03 Wind Turbine
04 Solar
05 Hybrid
06 Pumped Hydro Power Station
07 Biomass
08 Solar Pump Sets
09 Solar Rooftop
10 Floating Solar
11 Canal Top Solar
12 Mini Hydel
13 Biogas
14 Electricity Charging Station

DELTACONS
GIS

Select Project: Substation

- Select ➔ All District / Individual District.

Substation
Select District
All Districts
Individual District
Select Voltage Levels
- All Voltage Levels
- 220 kV
- 400 kV
- 765 kV

• Select ➔ All Voltage Levels/220/400/765.

Station Name: Chillakallu
Voltage Level: 220kV
Owner Name: APTransco
District: Krishna
State: Andhra Pradesh

All Substations are displayed and move cursor on any icon on the screen to display Substations details.

> Similarly, we can select based on District/ Voltage level-wise filters.

Select Project: Wind Met Mast
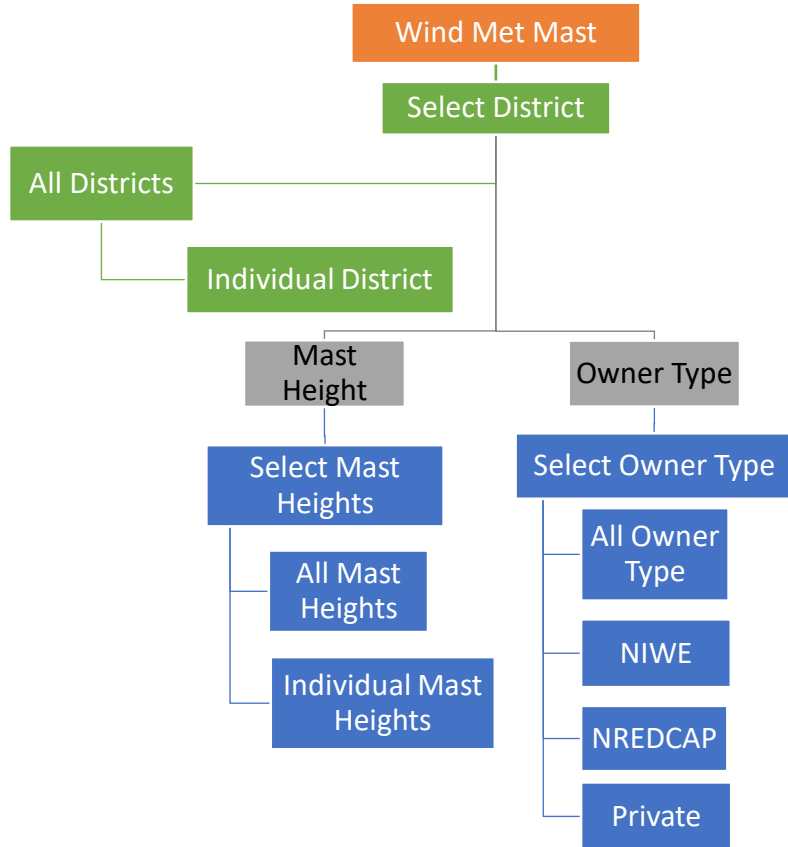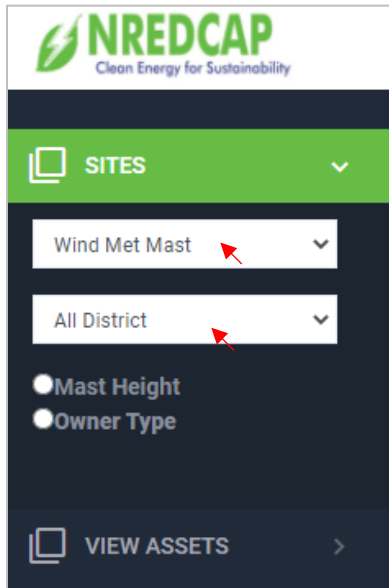
- Wind Met Mast ➔ All Districts/Each District ➔ Mast Height ➔ All Mast Heights/Each Height
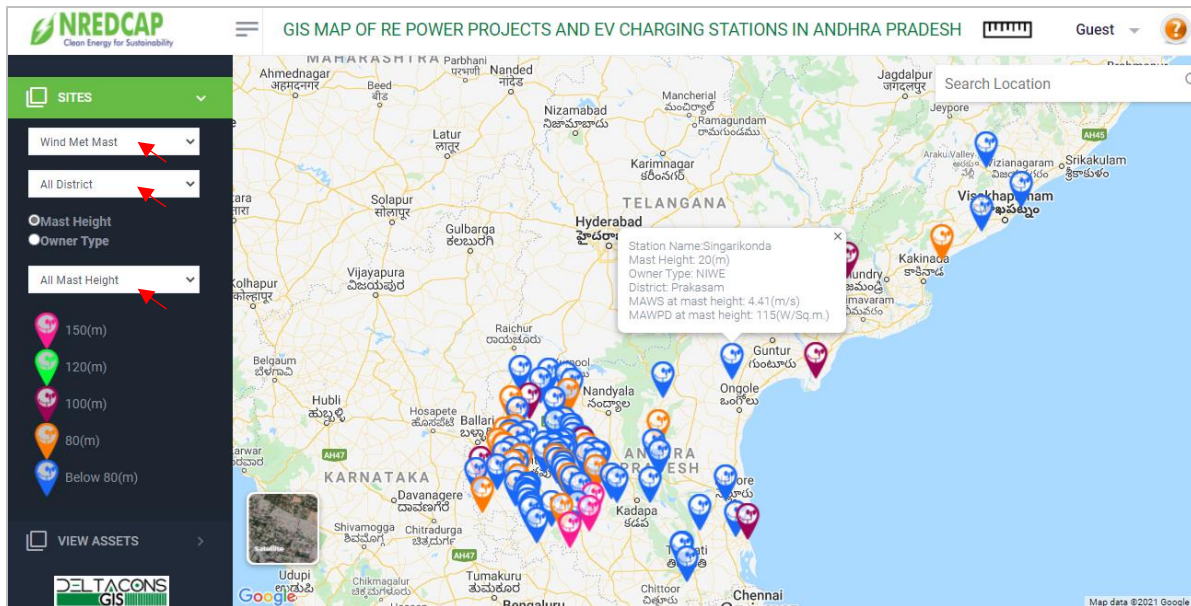
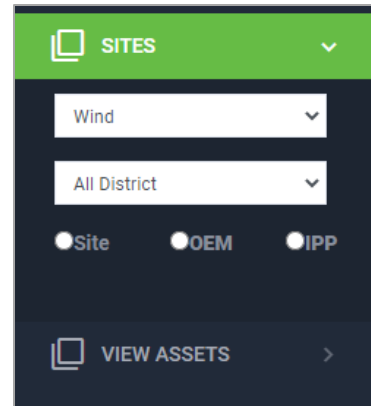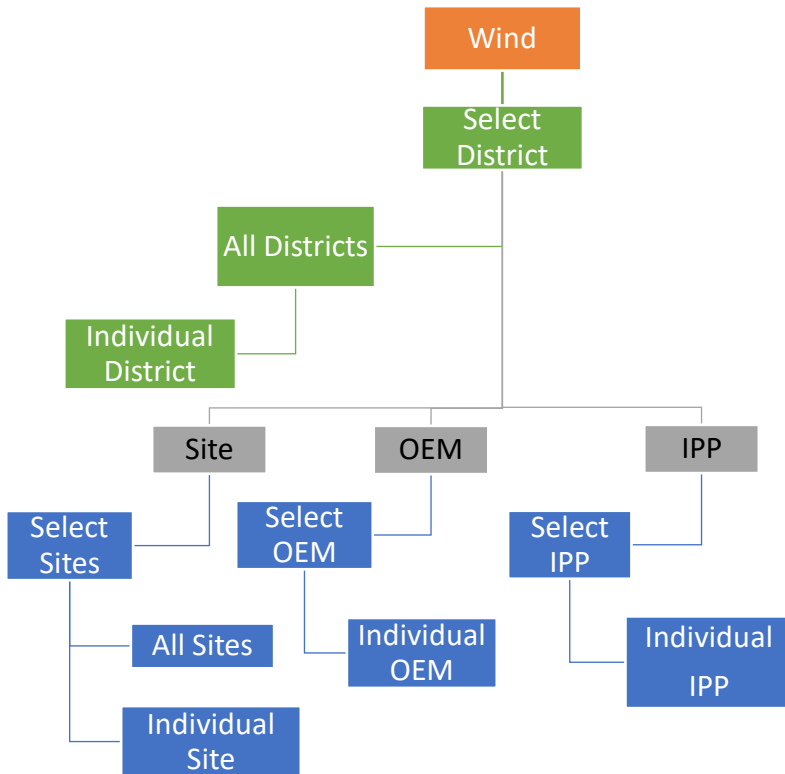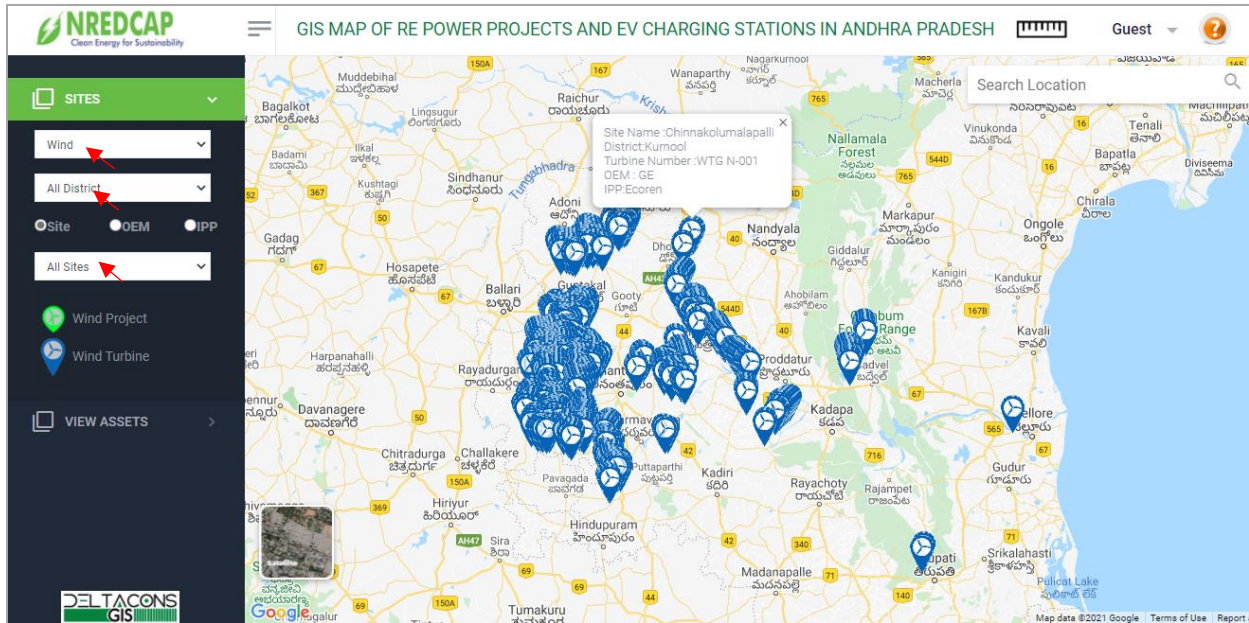All Wind Masts are displayed and move cursor on any icon on the screen to display Wind met mast details.

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- Wind Met Mast ➔All Districts / Each District ➔ Owner Type ➔ All Owner Type / NIWE / NREDCAP / Private
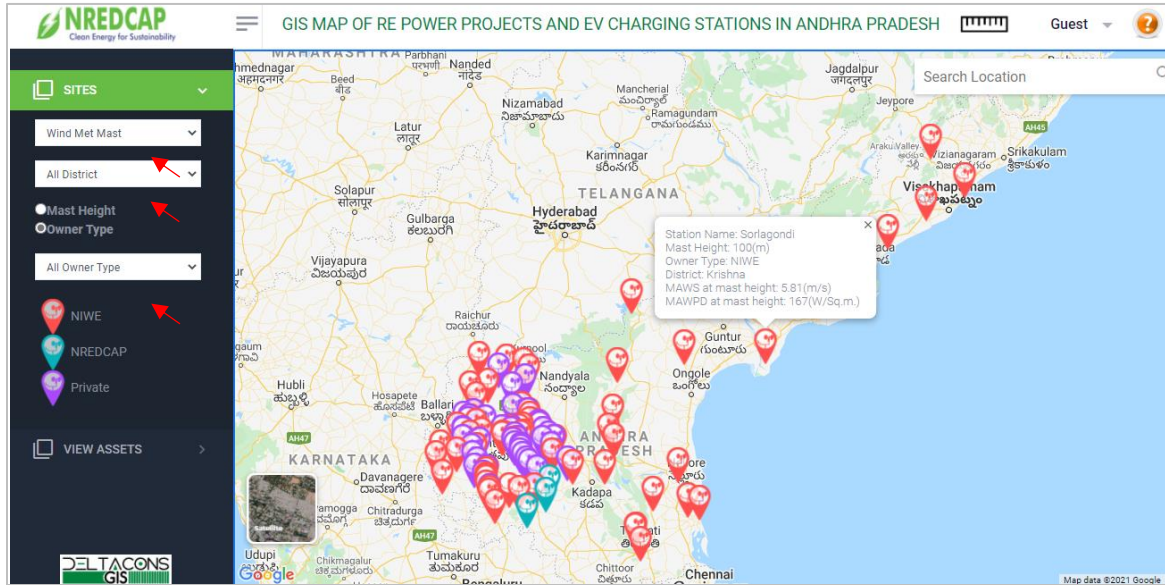
All Wind Masts are displayed and move cursor on any icon on the screen to display Wind met mast details.

> Similarly, we can select based on District/ Mast Height / Owner wise filters.

Select Project: Wind

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Wind ➔ All Districts ➔ Site ➔ All Sites.

All Wind Turbines are displayed and move cursor on any icon on the screen to displays Wind turbine number.

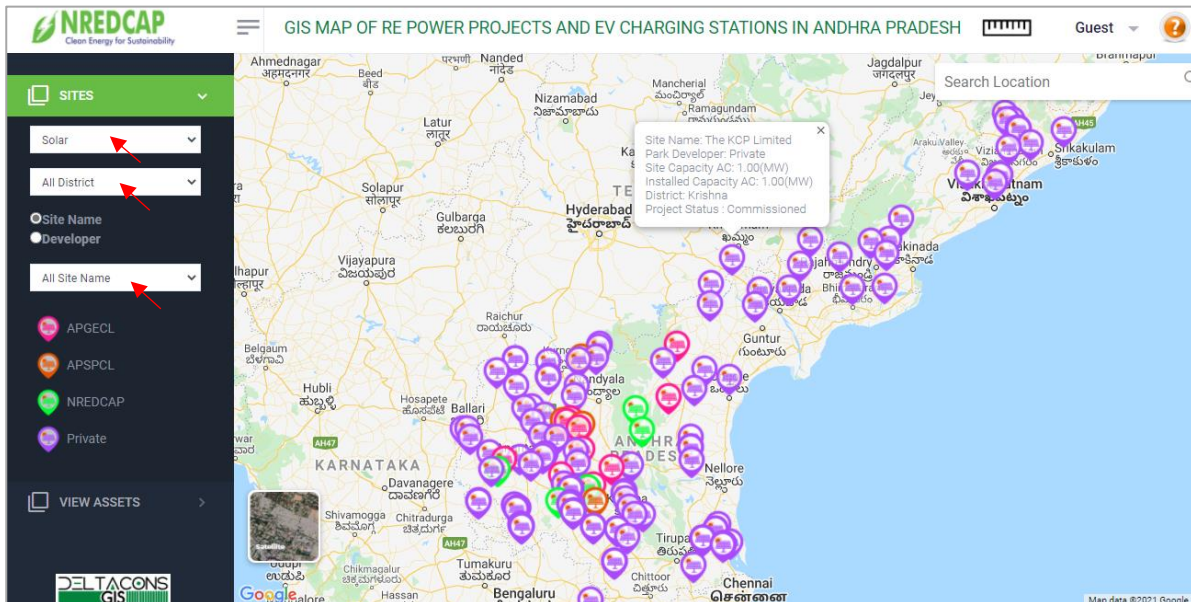- Click on Turbine to view the Turbine properties on the screen.
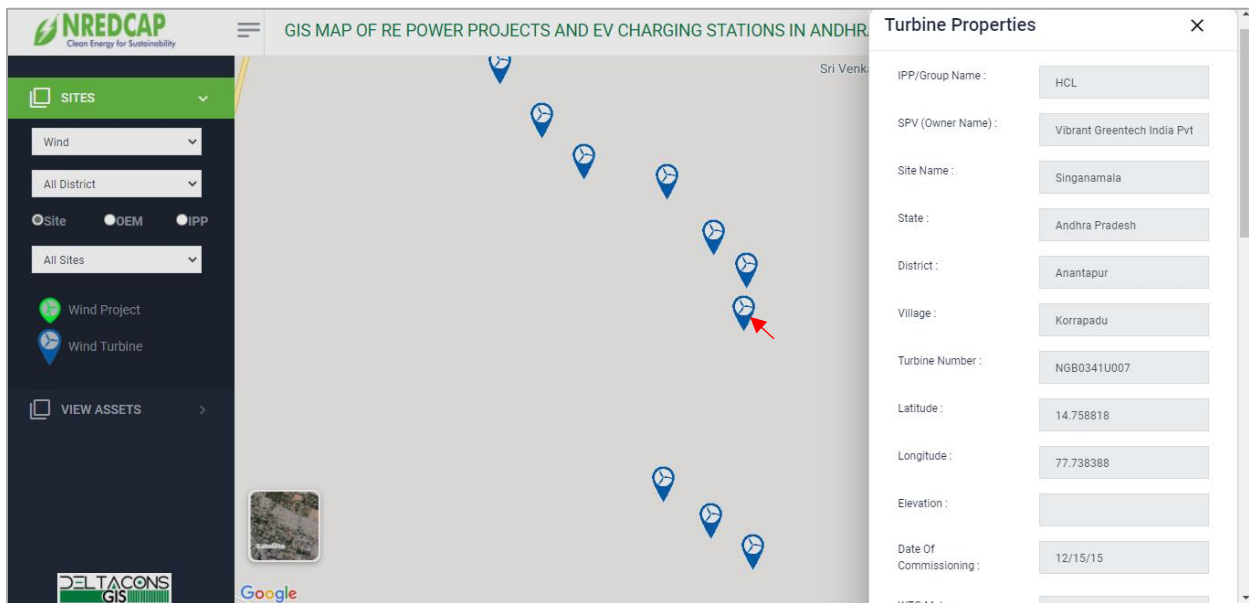
Similarly, we can select based on District/ Site / OEM/ IPP wise filters.

Select Project: Solar
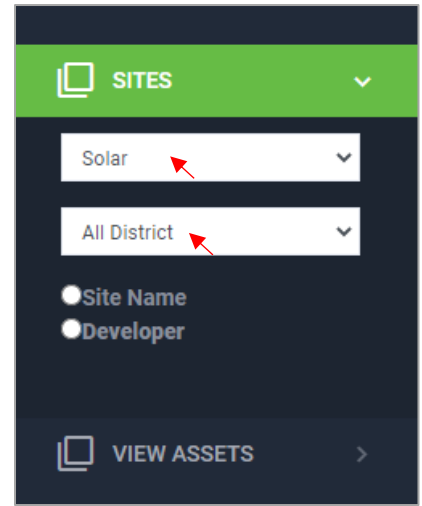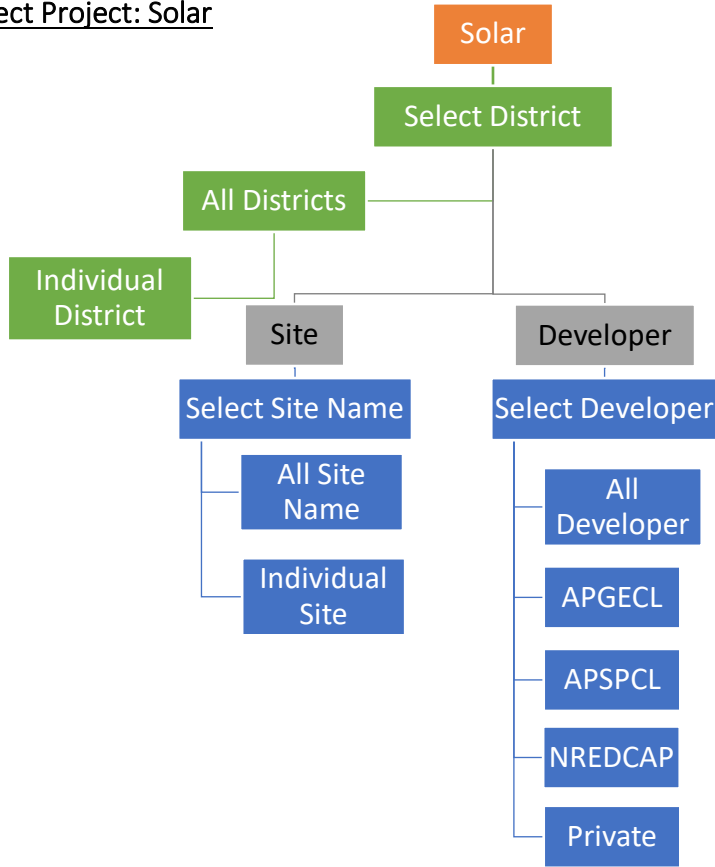
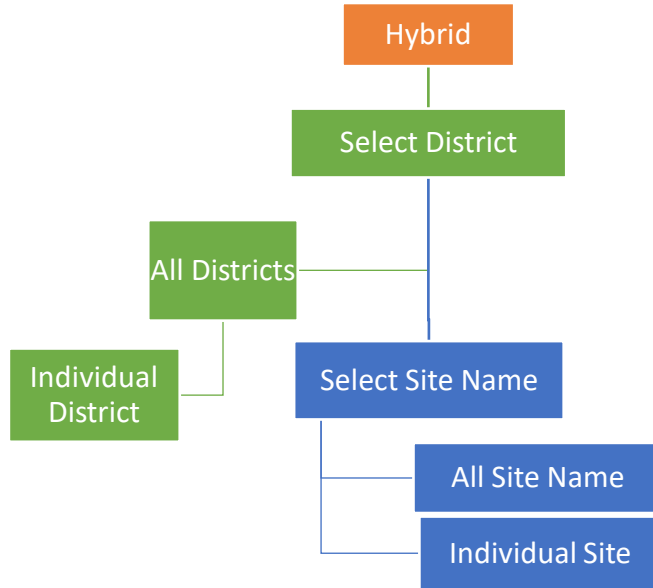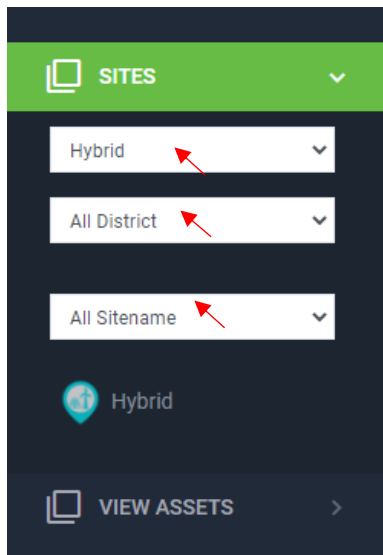- Solar ➔ All Districts ➔ Site Name ➔ All Sites.

All Solar sites are displayed and move cursor on any icon on the screen to display Solar details.

> Similarly, we can select based on District / Site / Developer wise filters.
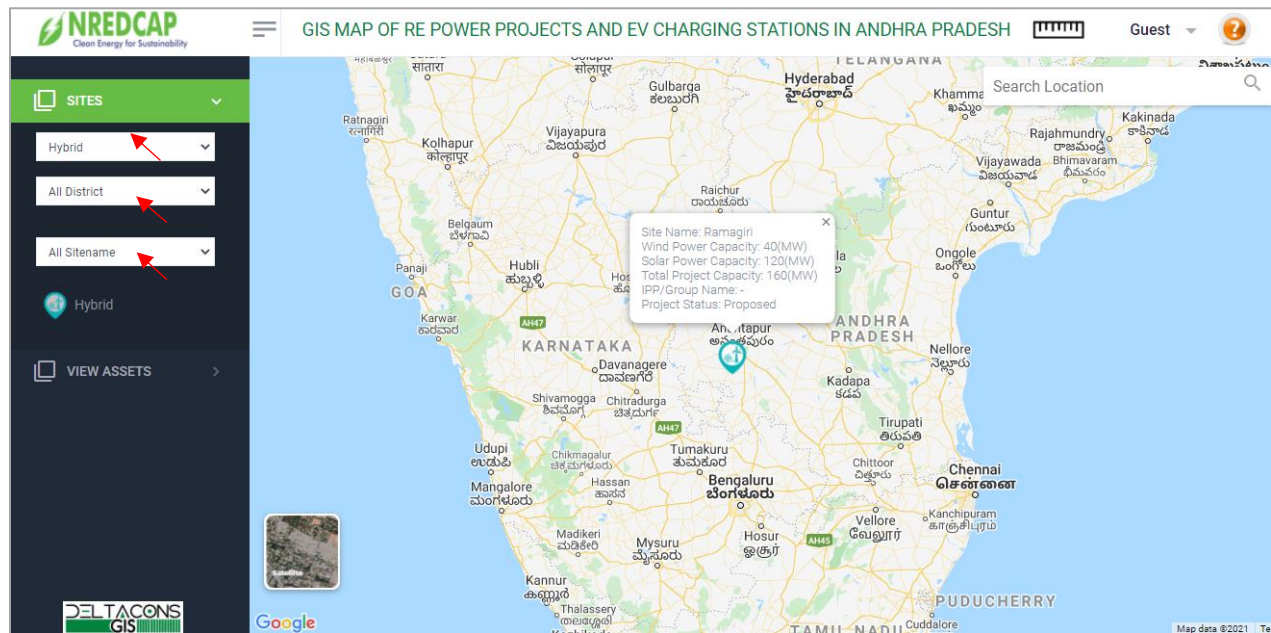
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Select Project: Hybrid

- Hybrid ➜ All Districts/Anantapur District ➜ All sites/Ramagiri
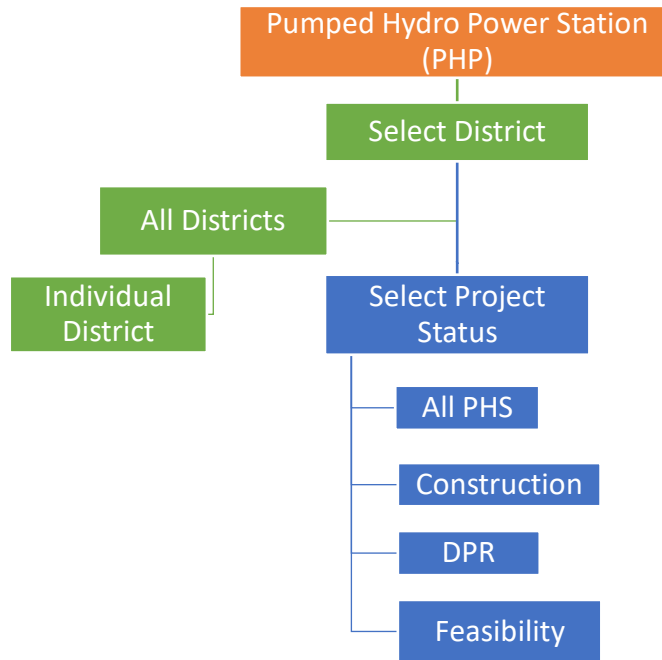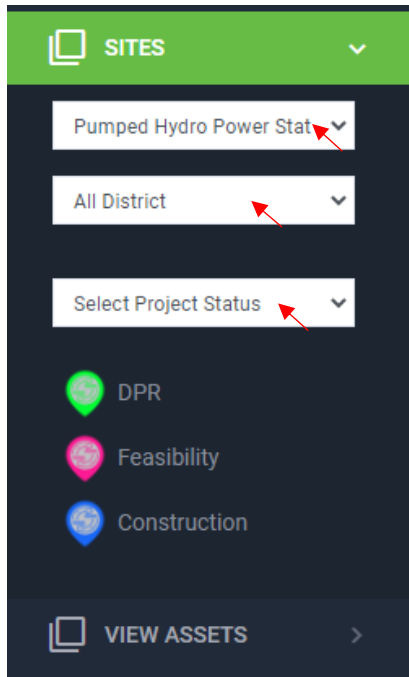

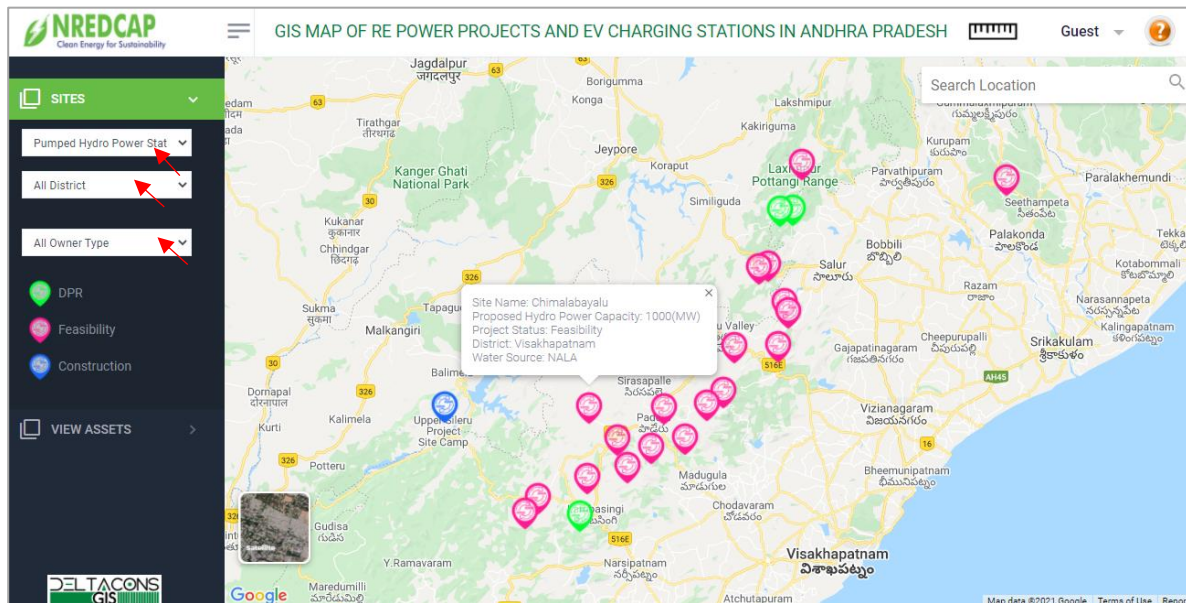- Hybrid sites are displayed and move cursor on any icon on the screen to display Hybrid details.

Similarly, we can select based on District / Site wise filters.

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Select Project: Pumped Hydro Power Station (PHP)

- PHP➔ All Districts/Each District ➔ All owner type/Construction/DPR/Feasibility

Site Name: Chimalabayalu
Proposed Hydro Power Capacity: 1000(MW)
Project Status: Feasibility
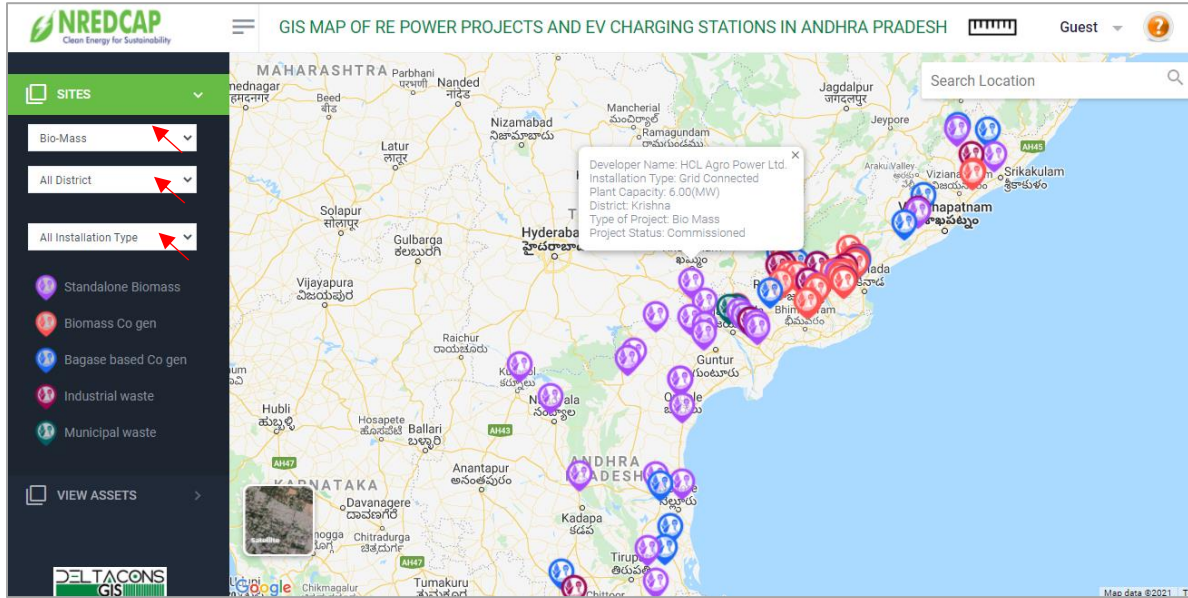District: Visakhapatnam
Water Source: NALA

All Feasibility Project status sites are displayed and move cursor on any icon on the screen to display PHP details.

Similarly, we can select based on District/ Project Status wise filters.

Select Project: Biomass
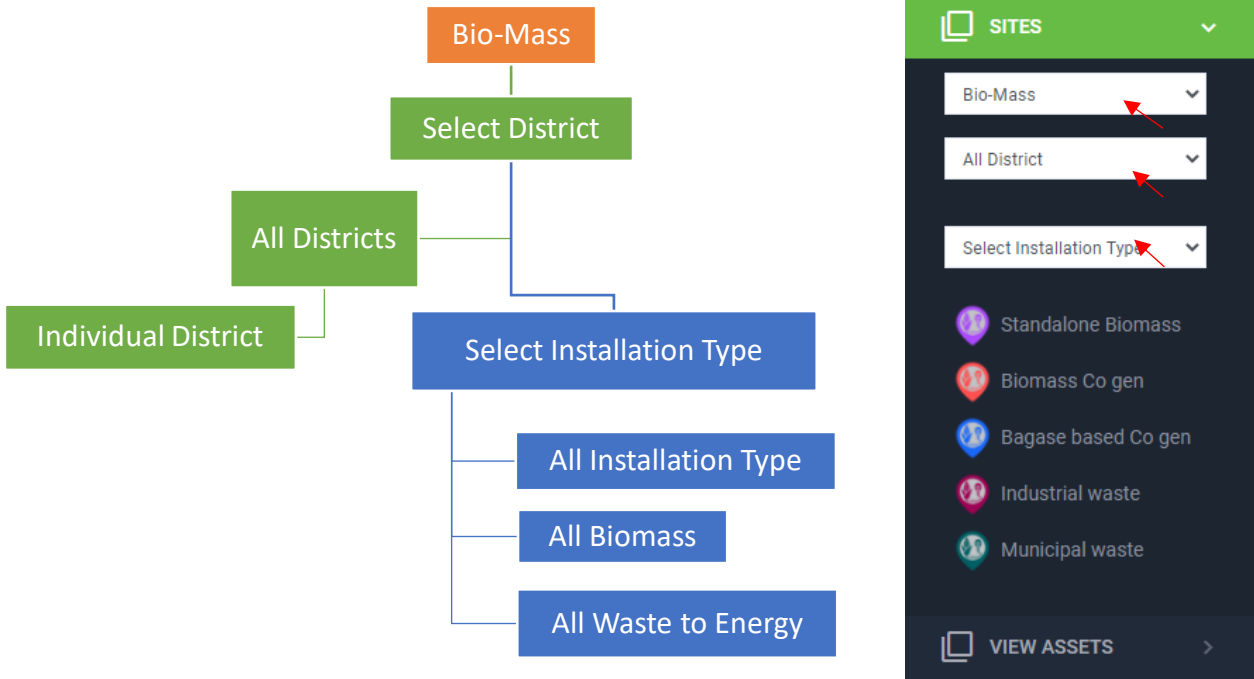
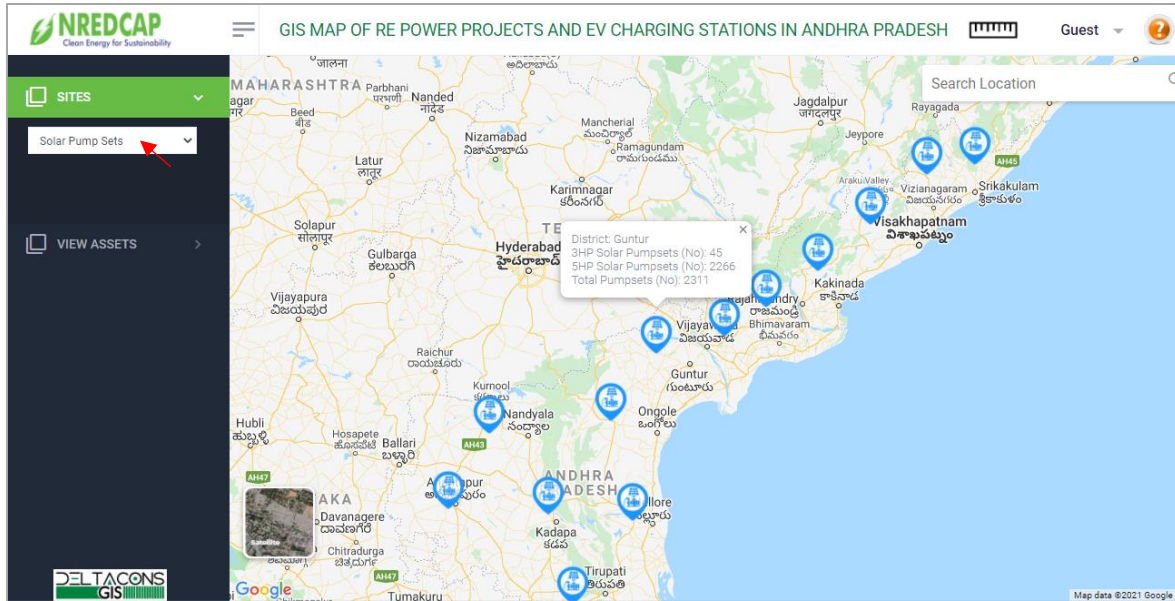Biomass ➔ All Districts/Each District ➔ All fuel type/All Biomass/All waste to Energy

All Biomass sites are displayed and move cursor on any icon on the screen to display Biomass details.

> Similarly, we can select based on District / Project type wise filters.
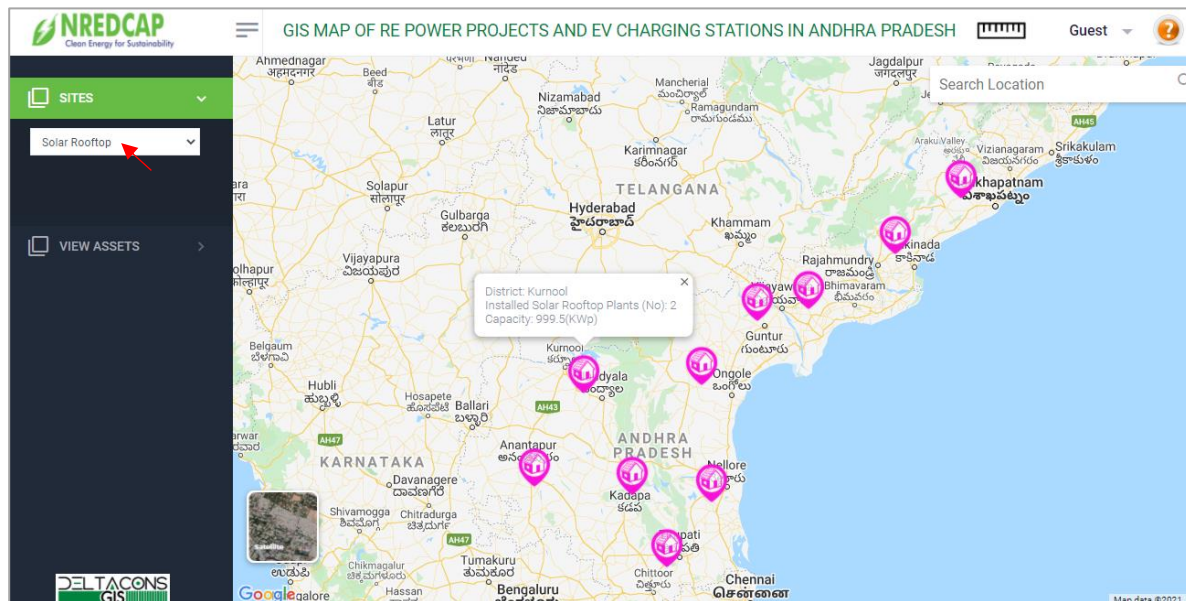
Select Project: Solar Pump Sets

- Click on the Solar pump sets to display the District wise Solar pump sets.

Move the cursor on icon to display details of Solar Pump sets.

Select Project: Solar Rooftop

- Click on the Solar Rooftop to display the District wise Solar Rooftop.
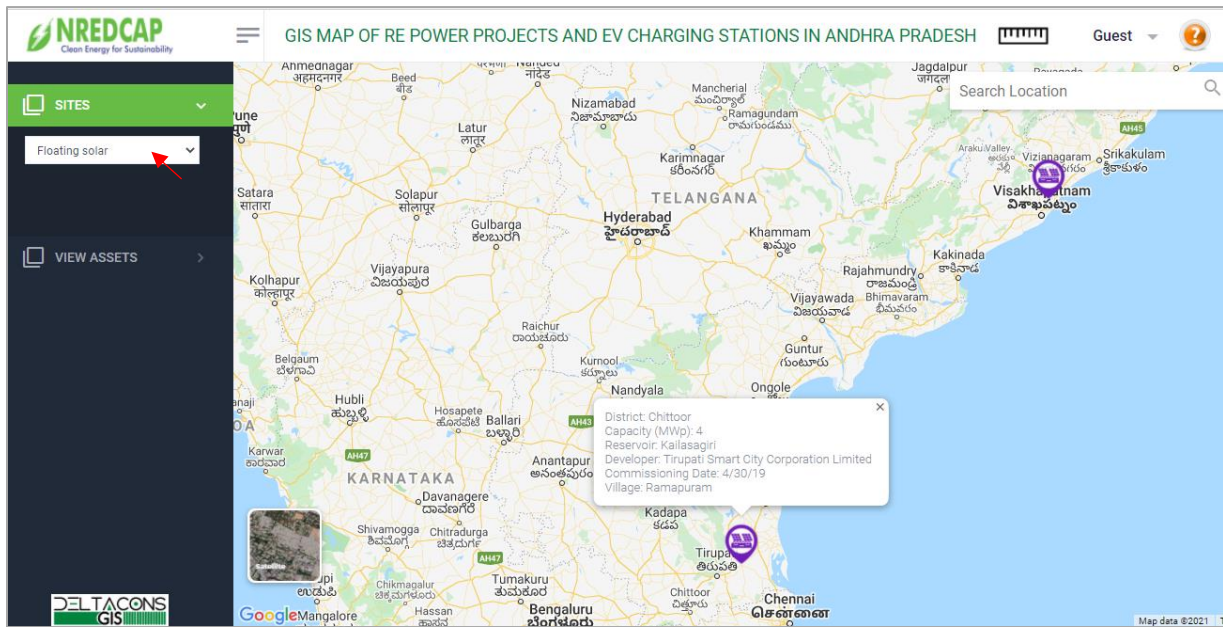

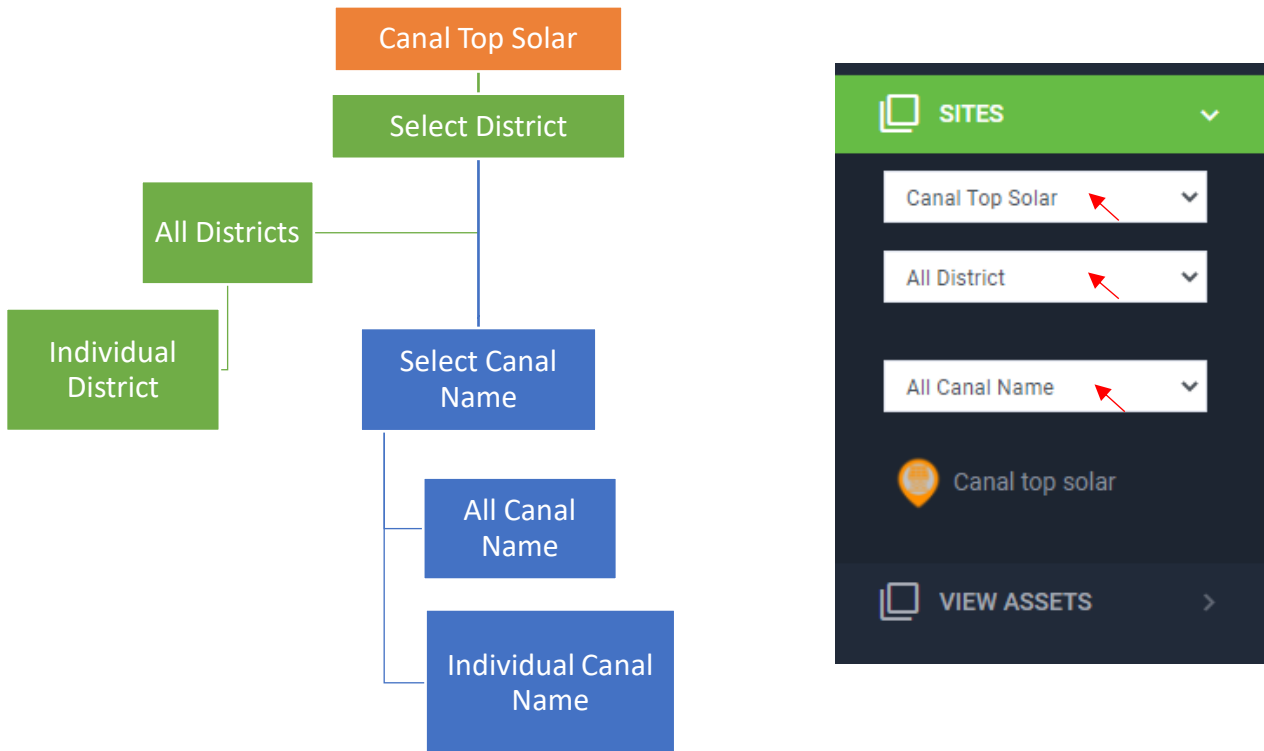Move the cursor on icon to display details of Solar Rooftop Plants.

Select Project: Floating Solar

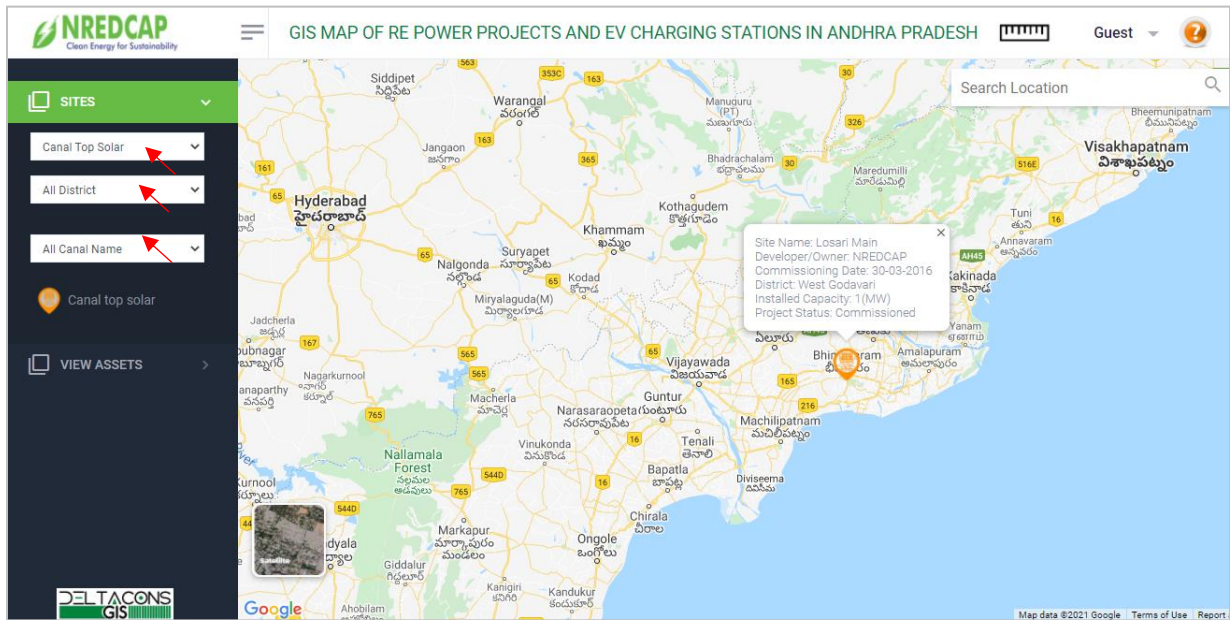- Click on the Floating Solar to display all Floating solar sites.

Move the cursor on the icon to display details of Floating solar sites.
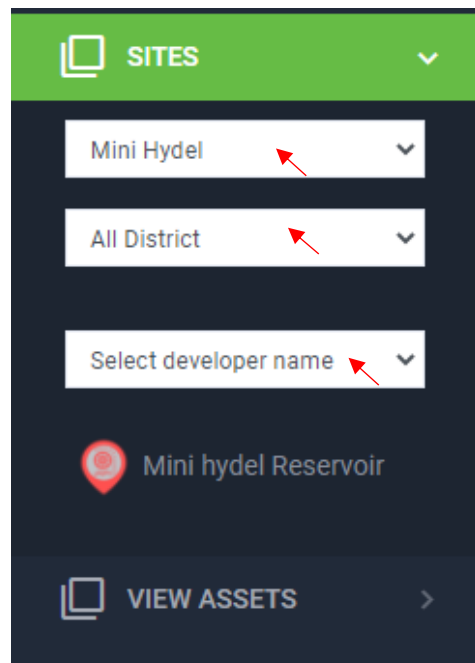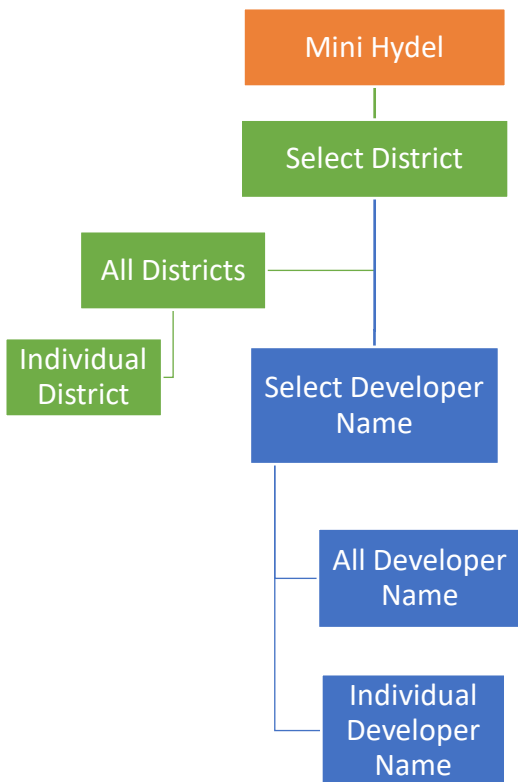
Select Project: Canal Top Solar
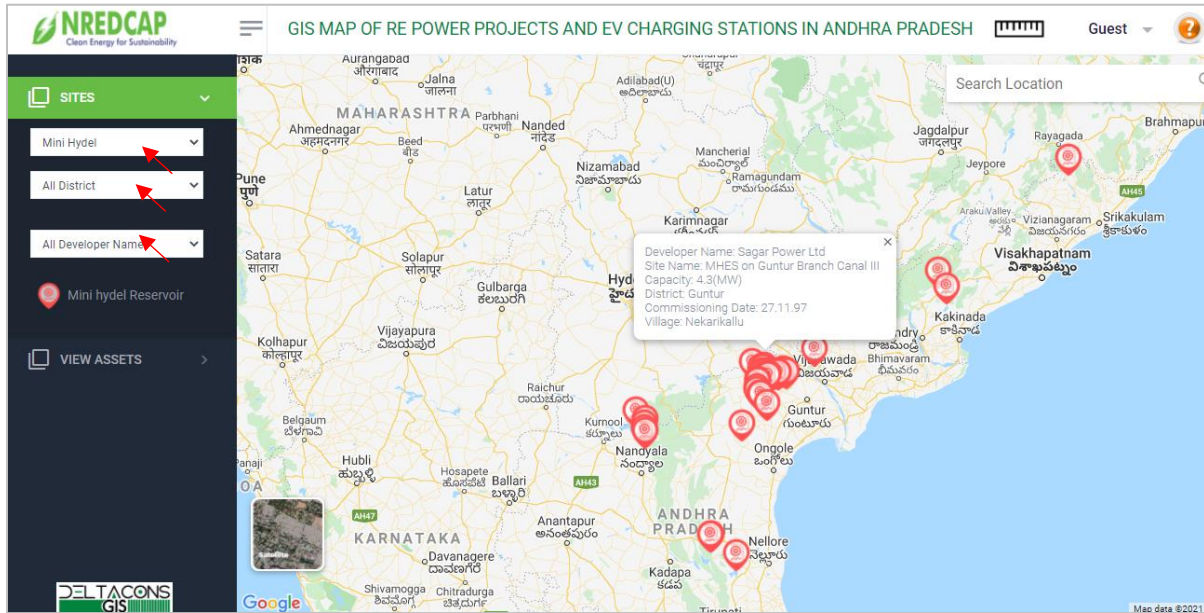
- Canal Top Solar ➔ All Districts ➔ All Canal Name

Canal Top Solar displayed and move the cursor on icon to shows site details.

Select Project: Mini Hydel

- Mini Hydel ➔ All Districts/Each District ➔ All Developer Name/ Each Developer Name
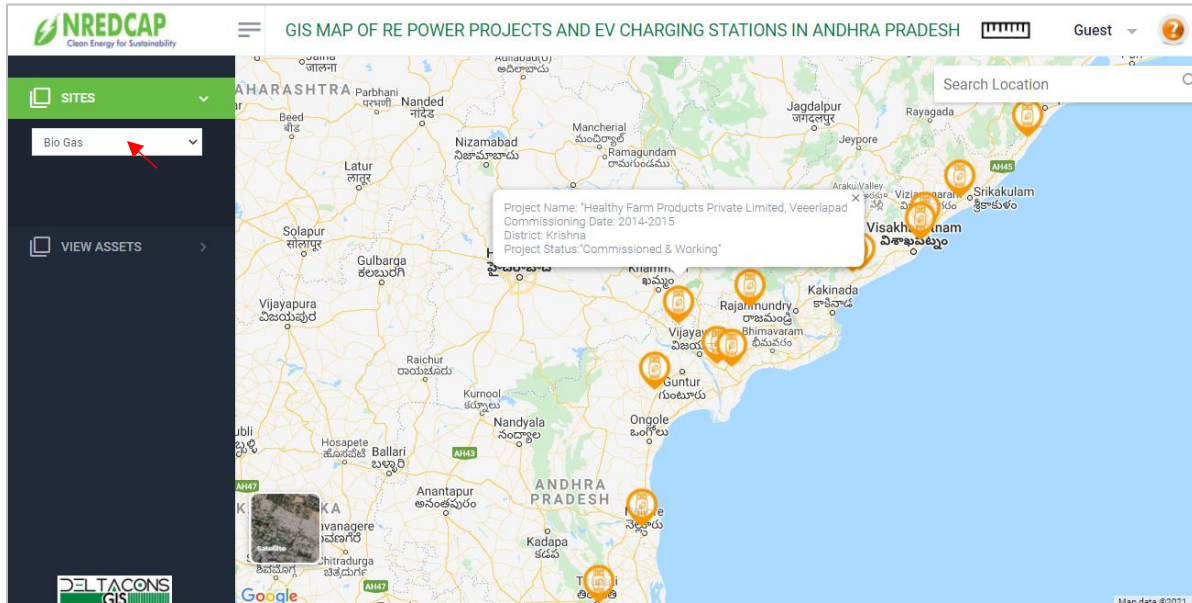

All Mini Hydel sites are displayed and move cursor on the icon to display details of Mini Hydel.

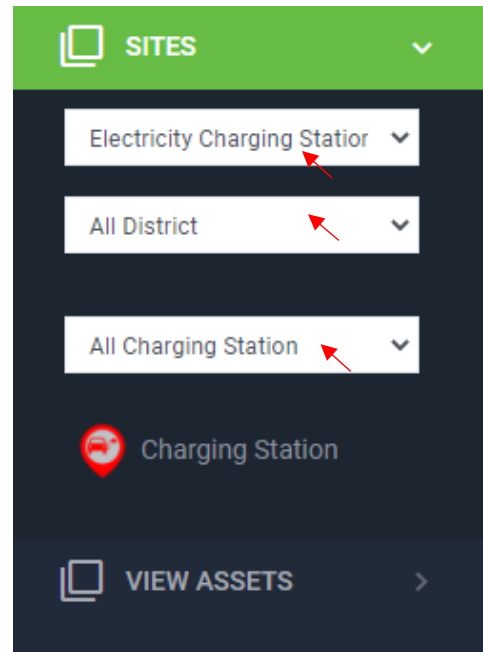Similarly, we can select based on District / Developer name wise filters.
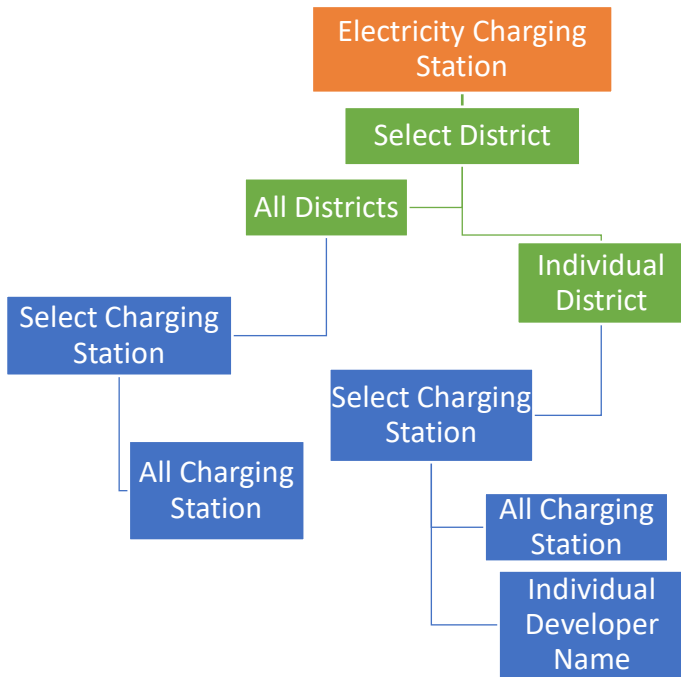
Select Project: Biogas
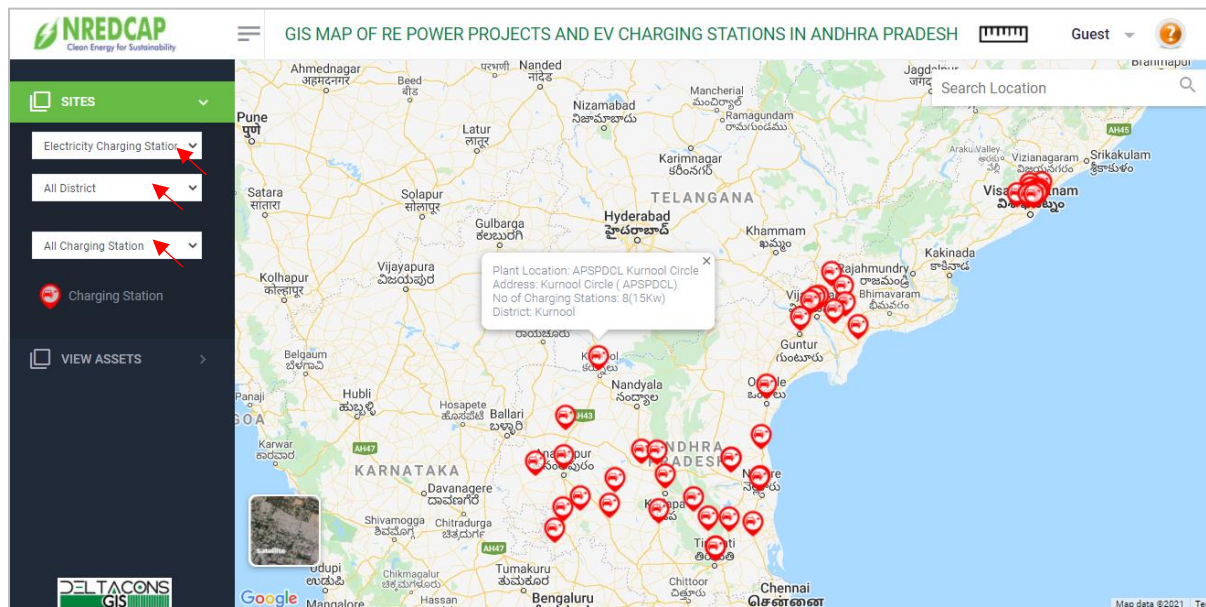
- Click on the Biogas it will display all Biogas sites.

Move the cursor on the icon to display details of Bio-Gas plants.

Select Project: Electricity Charging Station

- Electricity Charging Station ➔ All Districts/Each District ➔ All Charging Station / Each Charging Station
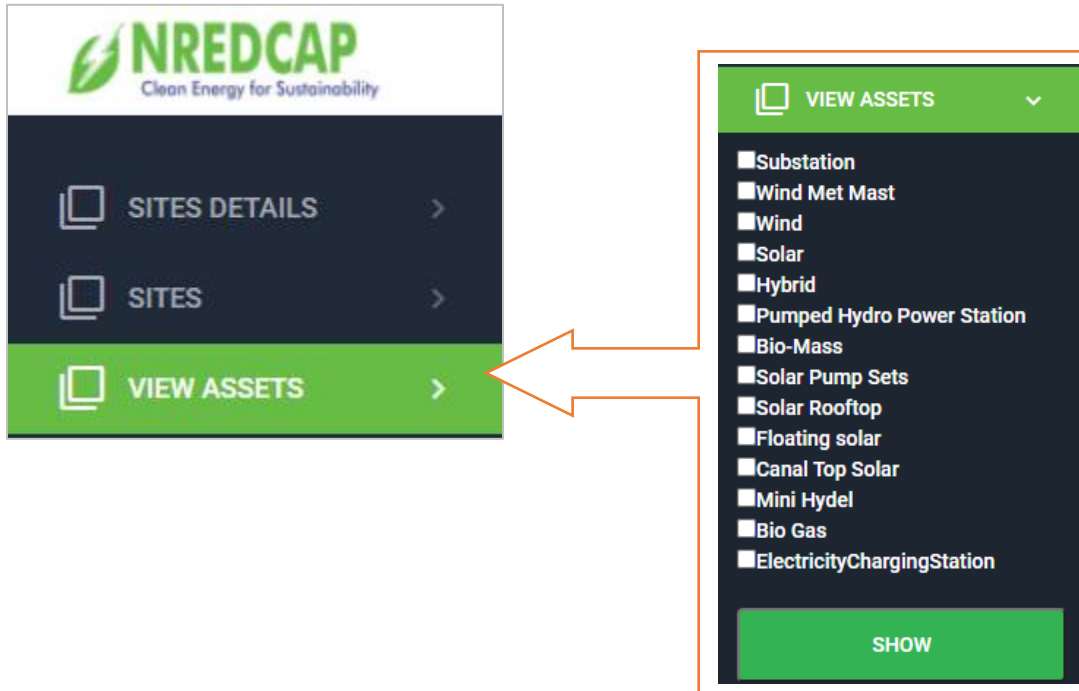

All Charging Stations are displayed and move cursor on the icon to display details of EV Charging Stations.

Similarly, we can select based on District/ Charging Station name wise filters.
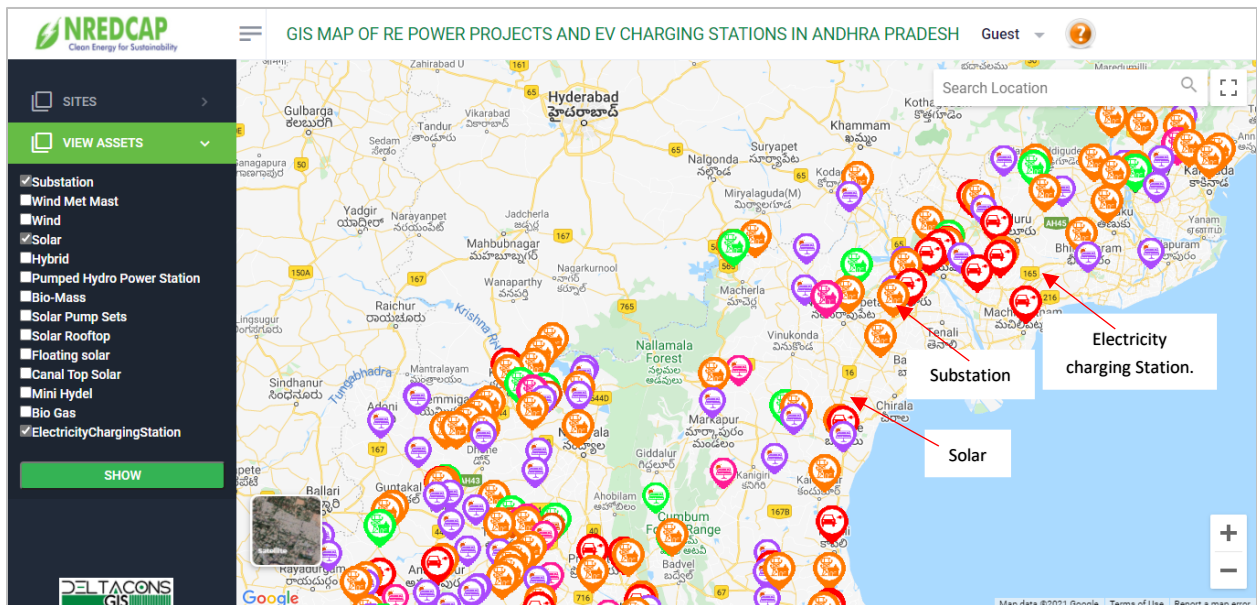
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To view RE Power Projects, click on **View Assets.**

View Assets: In View Assets we can select maximum   3   assets from total assets that will displays on the screen.

Selecting Substation, Solar & Electricity Charging Stations will display all 3 assets simultaneously. Zoom on the screen for better view.

For any queries, please write to info@deltacons.in

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New and Renewable Energy Development Corporation of Andhra Pradesh Ltd.

www.nredcap.in

Thank You

Developed by

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