TUTORIAL
How to create a site
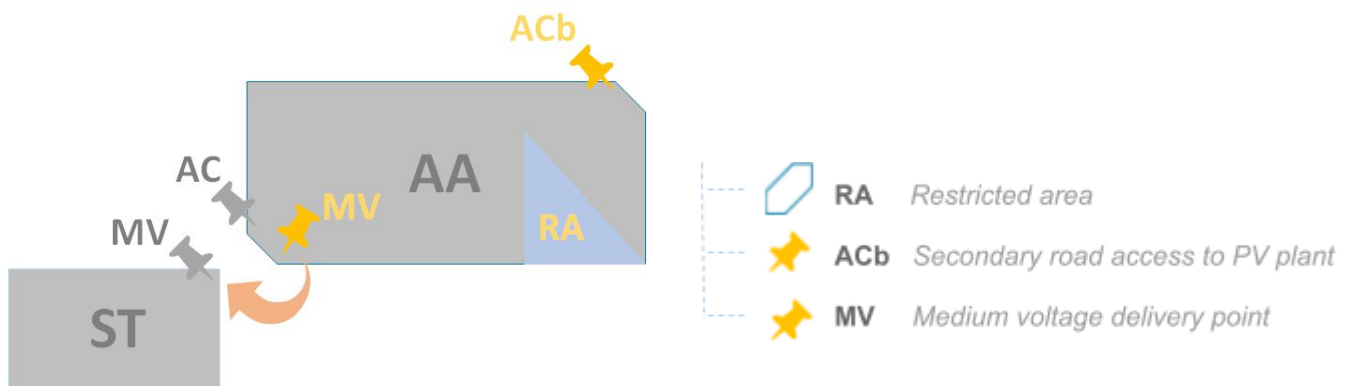
Google Earth (KML/KMZ) File

RatedPower
Updating Engineering

Create a site

A) Simple Case (includes the MANDATORY parameters only):

Project Name

	AA	Available area for the PV plant
	AC	Available Road access to PV
	ST	Available Substaion area
	MV	Available Medium voltage switchgear
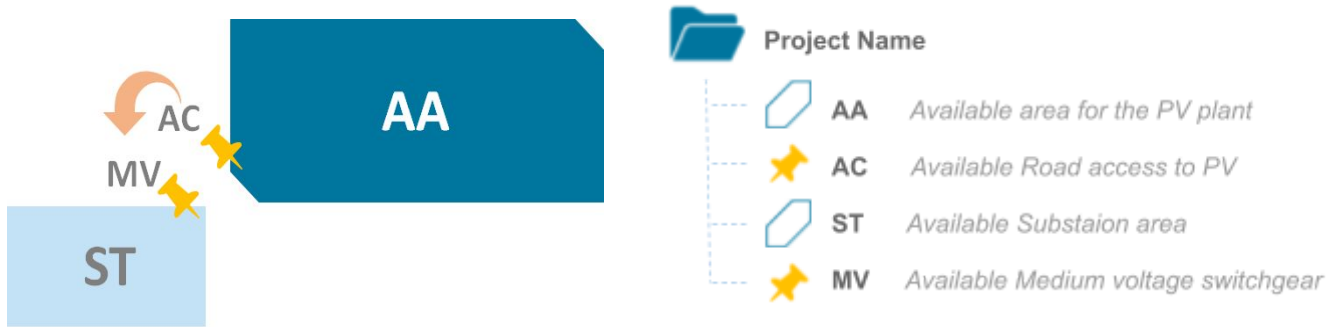
B) Additional features (OPTIONAL) that can be introduced are:

	RA	Restricted area
	ACb	Secondary road access to PV plant
	MV	Medium voltage delivery point

Remark: In this case, the medium voltage delivery point from polygon AA is point MV instead of being point AC.

C) Complex Site Example:
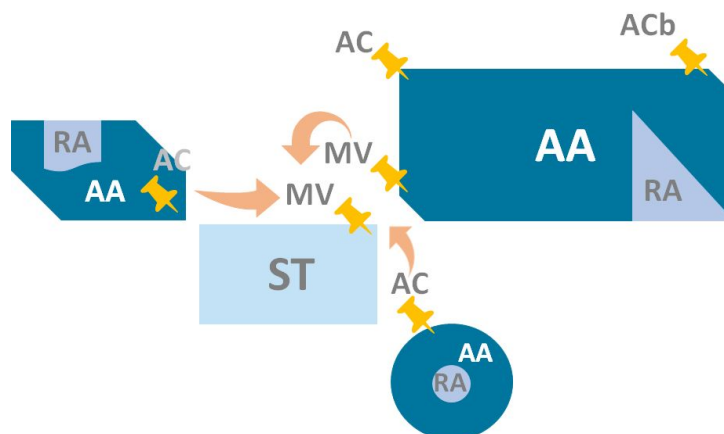
⚠ Notes

1) Place each position marker inside its corresponding polygon

2) Up to 9 AA areas are allowed with a total area of 4250 hectares

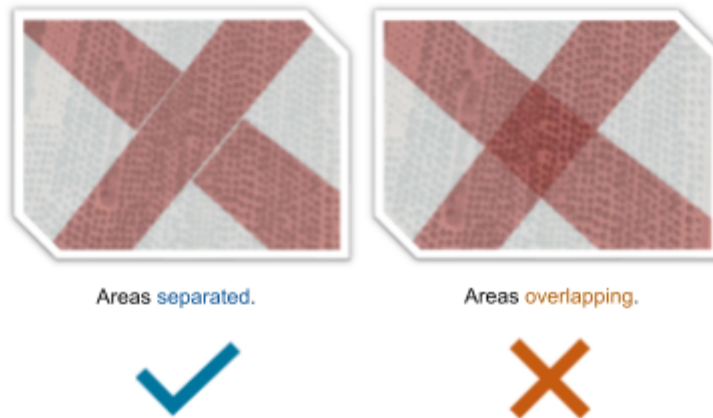### 3) Up to 75 RA areas are allowed

4) Two ways of defining medium voltage delivery point using AC or MV (priority given to MV)
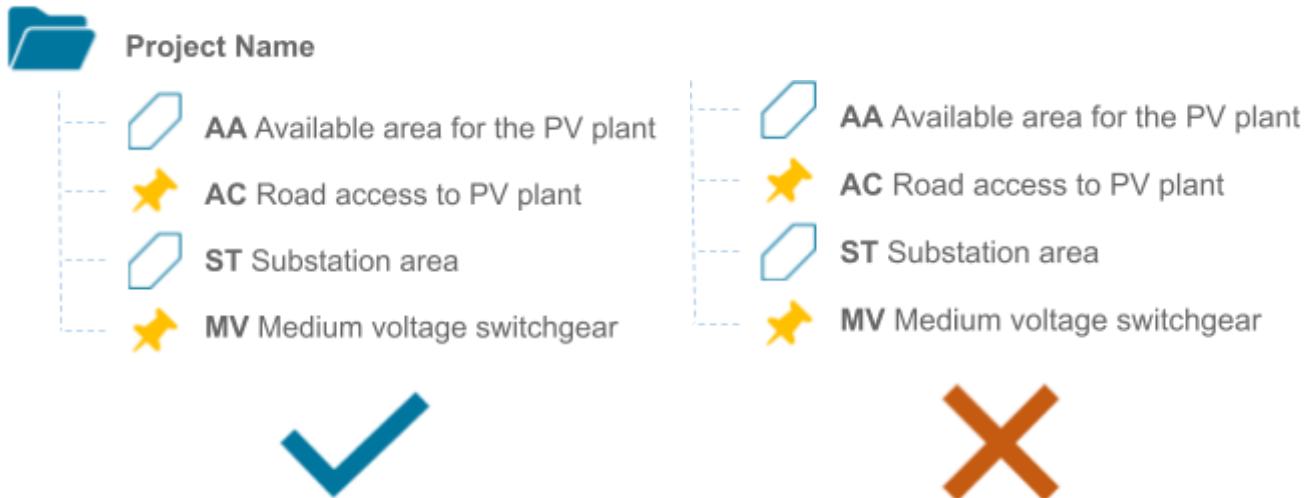
⚠ Common Errors

1) Areas overlapping: Overlapping present between any of the following areas is considered an error: between 2 AA polygons, 2 RA polygons or ST and RA polygons.

Areas separated. ✔   Areas overlapping. ✘

2) Using wrong tools: Only use the *polygon* tool to define areas and the *marker* tool to define the points of the site.

3) Not creating a folder that contains the polygons and markers:

Project Name

AA Available area for the PV plant
AC Road access to PV plant
ST Substation area
MV Medium voltage switchgear

✔

AA Available area for the PV plant
AC Road access to PV plant
ST Substation area
MV Medium voltage switchgear

✘

4) Not following the nomenclature defined by pvDesign

AA
AC
MV
ST
✔

Polygon
access
MV
STN
✘