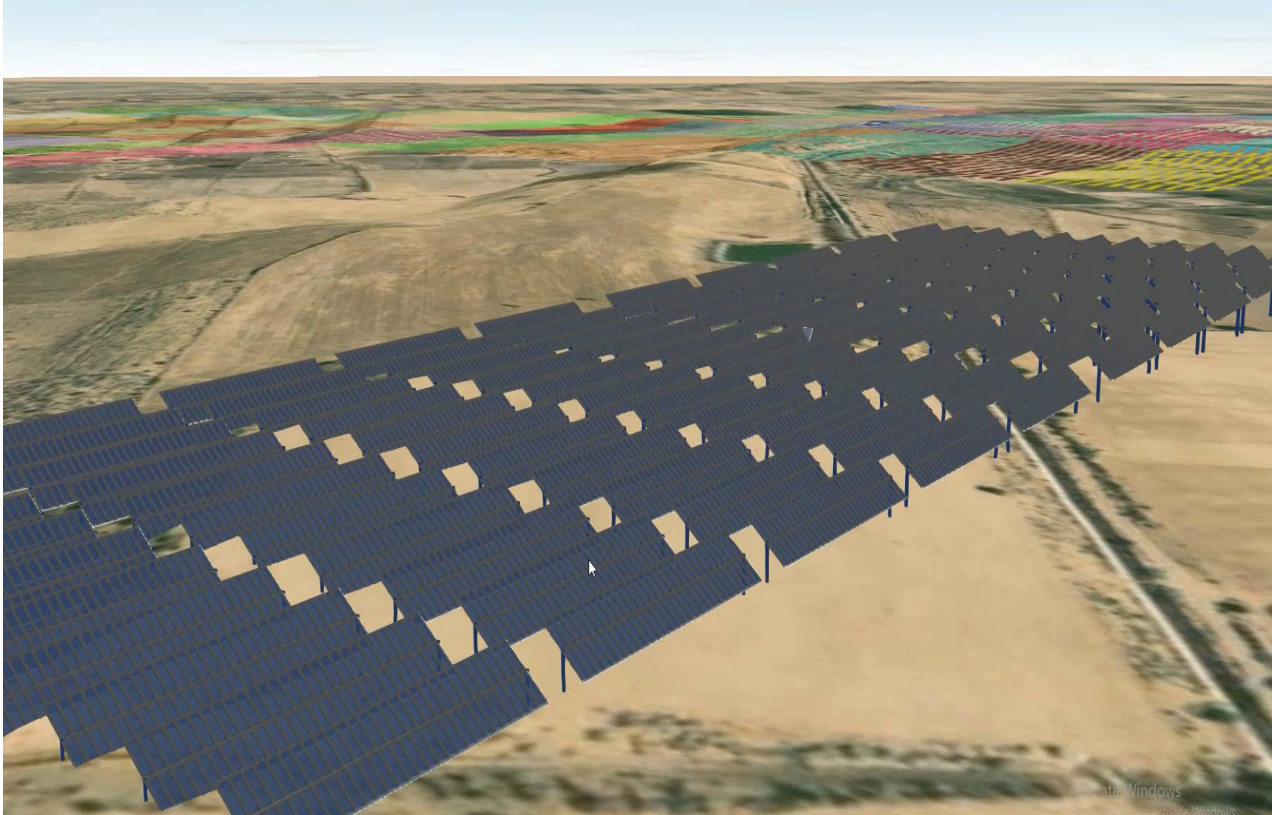




# pvNXT Simulation Data



Project Info	
Project name	Bhadla_Project
Project Type	Ground Mounted
Plant Capacity	100MW
DC Capacity	140 MW
Loading	40%
Location	Bhadla - India
Module	Jinko-JKM535M-72HL4-V
Inverter	Sineng-EP-3250-HA-UD



# pvNXT Simulation Data

Site Data	
Latitude	27.531411519273973
Longitude	72.01074600219724
Nearest Weather Station	Bikaner Weather Station
Client	Bhadla Client
EPC Contrator	Terranxt Pvt Ltd

Keepout Data	
Physical Fence 1	2m
Plot Boundary to Physical Fence	4m
Plot Boundary to Lighting Pole/Camera	6m
Plot Boundary to Peripheral Road	8m
Plot Boundary to ModuleMountingStructure	10m

Module Data	
Maximum Power (PNom)	535.0
Maximum Power Voltage (Vmp)	40.88
Maximum Power Current (Imp)	13.09
Open-circuit Voltage (Voc)	49.40
Short-circuit Current (Isc)	13.770



# pvNXT Simulation Data

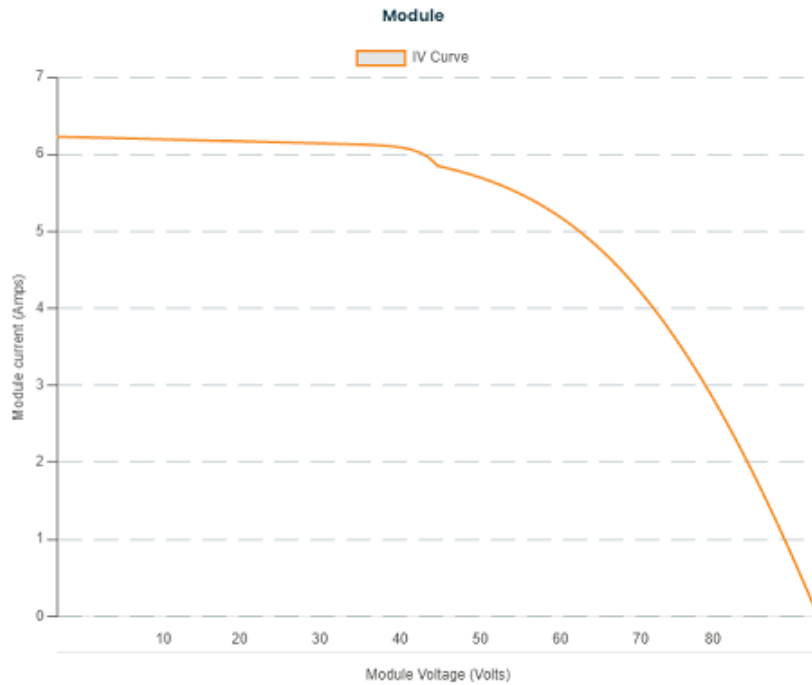
Inverter Data	
Rated Power	3250.000
MPPT Min (Vdc)	945
MPPT Max (Vdc)	1300
Number of MPPT	2
Max Permissible DC Voltage Vdc	1500
Weight kg / lbs	2700.000
Height	2.250
Depth	1.800
Width	2.650
Inverter Efficiency (Max)	99.00

System Data	
Orientation	Potrait
String Size(Module in series)	22
Connected Inverter	1 inverter
Rows per Table	2 rows
Internal Road width	6m
Structure to Structure Gap(E-W)	0.2m
Azimuth (deg)	180
Selected Pitch	4m
Path Width	6m

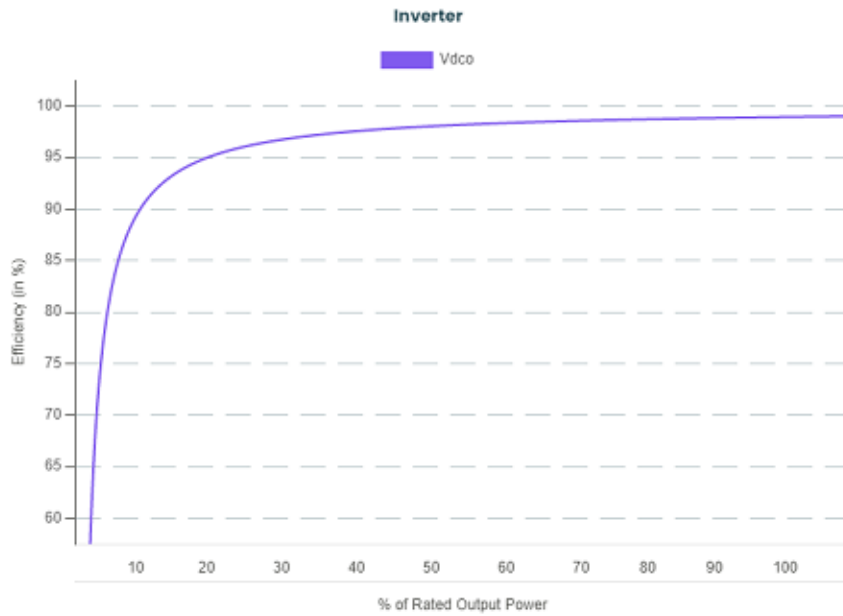


# pvNXT Simulation Data

## Module



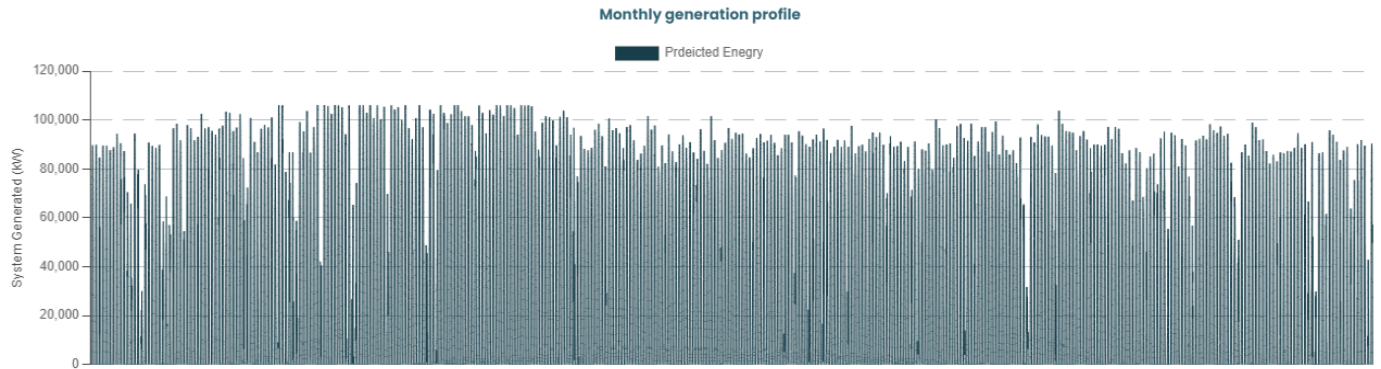
## Inverter



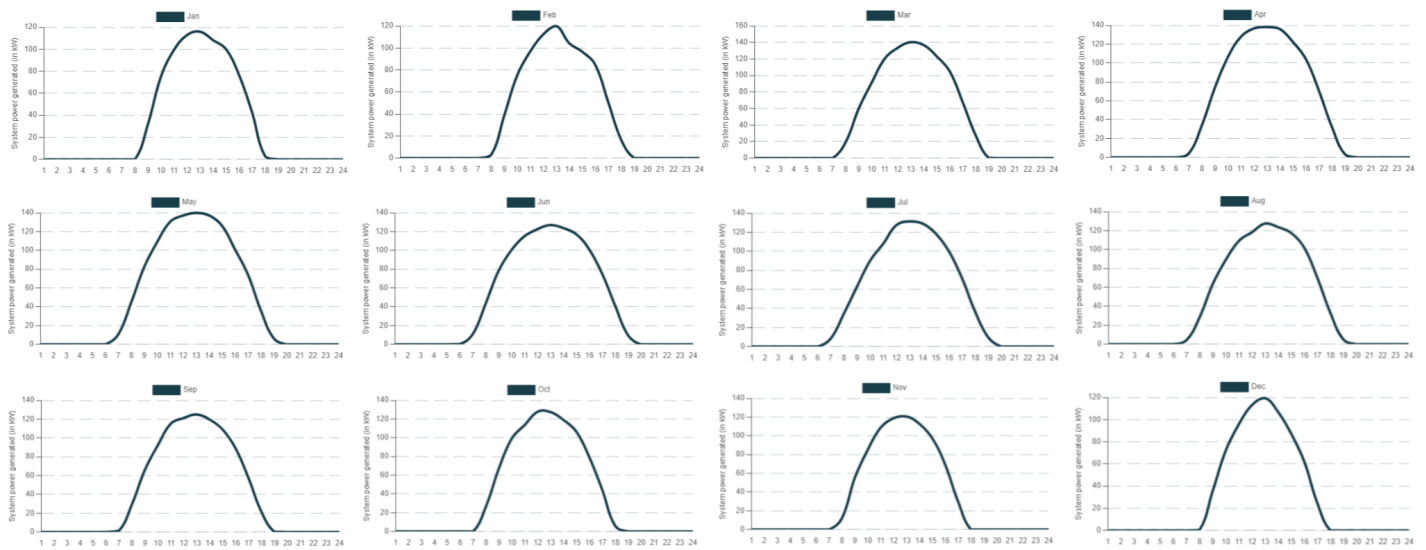


# pvNXT Simulation Data

## TimeSeries



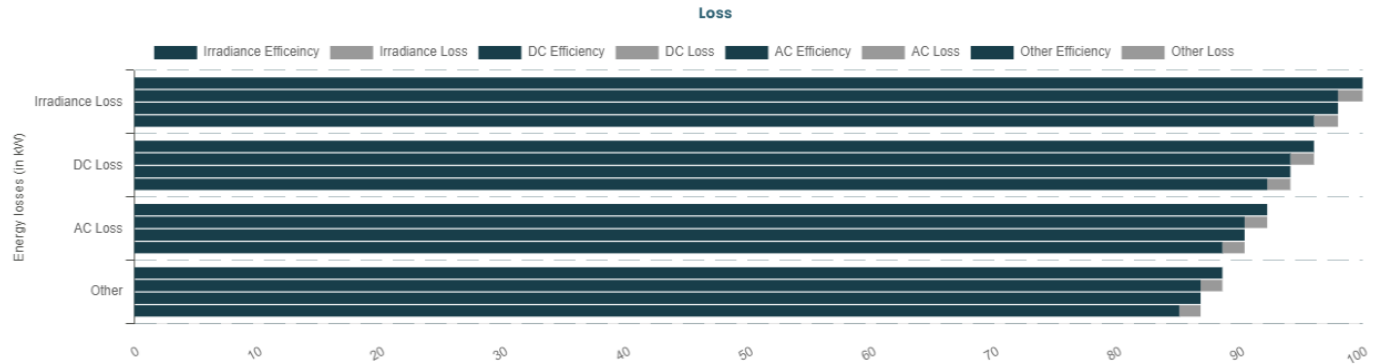
## Profile



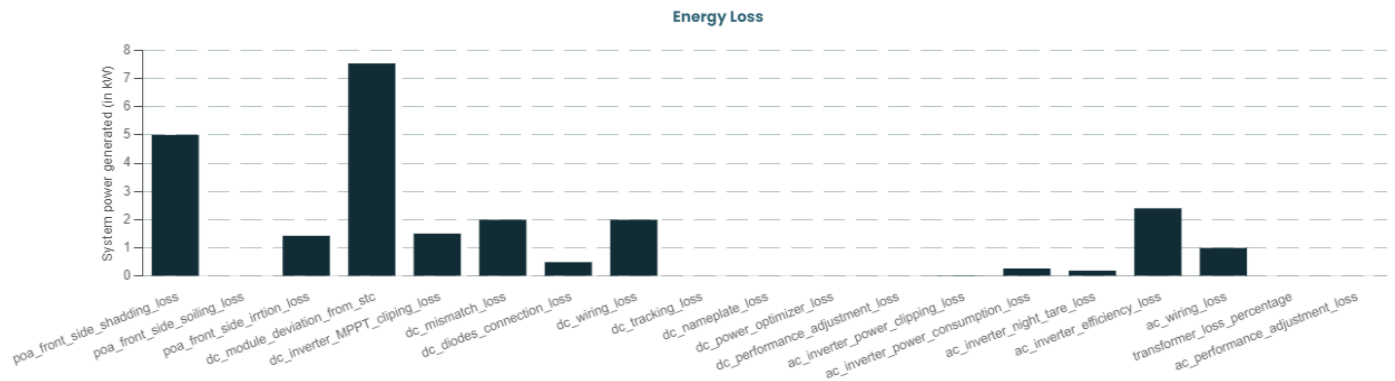


# pvNXT Simulation Data

## Loss



## Energy Loss





## HeatMap

