O /. D. . (L . . LID) H. . . Y. G . . N- . .
C . . P- . . N . ,CN

Highlights:

1. Energy yield performance

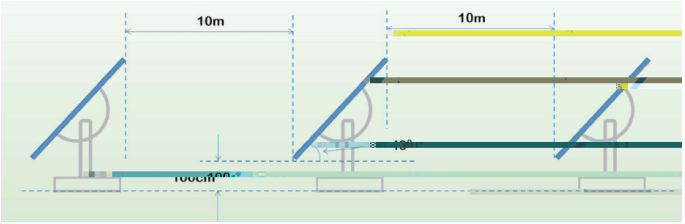
3.69%

2. Degradation

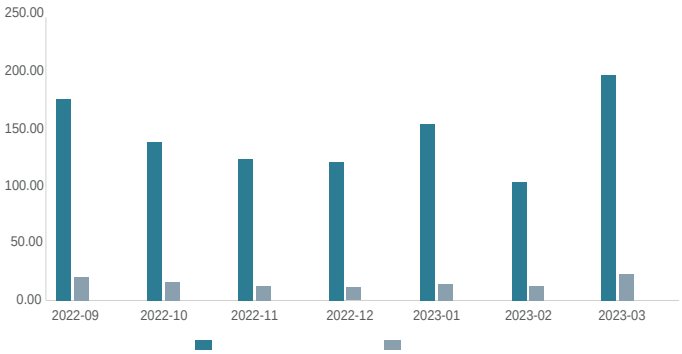
0.51%

1.38%,

Experimental Photovoltaic Test Facility



Month	Fixed Axis- Cumulative Irradiation(kWh/m²/month)		Reflectance (%)
	Front side	Rear side	



Group	Module	Number	Type	Mounting System

Calculator:

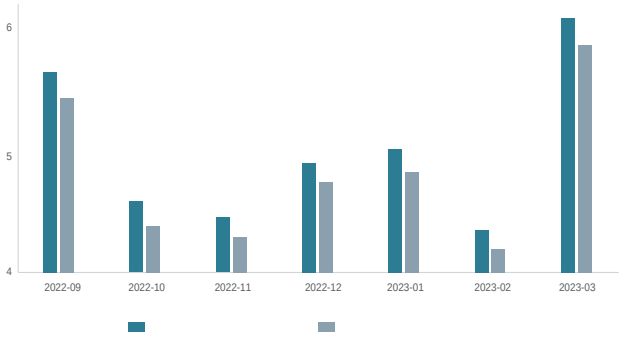
Formula 1:

$$\text{Power generation per watt(Wh/W)} = \frac{\text{Cumulative power generation(kWh) x 1000}}{\text{Average test power of array modules(W) x modules quantity}}$$

Formula 2:

$$\text{Power degradation(\%)} = \frac{\text{Initial Test Power (W)- Period Test Power (W)}}{\text{Initial Test Power (W)}}$$

Month	Group 1-Power generation per watt (Wh/W)	Group 2-Power generation per watt (Wh/W)
Average		



	Isc(A)	Voc(V)	Imp(A)	Vmp(V)	Pmax(W)	FF(%)	Eff.(%)

	Isc(A)	Voc(V)	Imp(A)	Vmp(V)	Pmax(W)	FF(%)	Eff.(%)

Conclusions:

1. Energy yield performance

3.69%.

2. Degradation:

0.51% 1.38%,

D t , , : , t . . . . t t t . . . t

-J K (2022.09-2023.3)