Energ ield comparison of N-TOPCon bifacial and PERC bifacial in Yinch an, Ningxia

An experimental study on the energy yield performance of TOPCon bifacial PV modules compared to PERC bifacial PV

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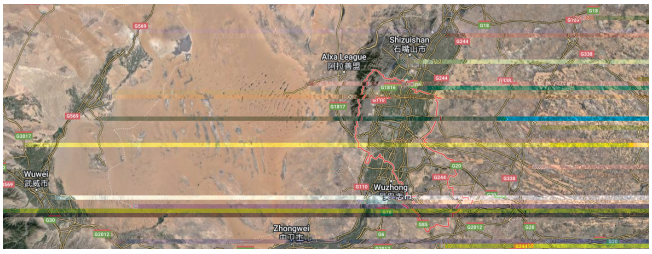
modules.



energy gain of TOPCon modules is significantly higher based

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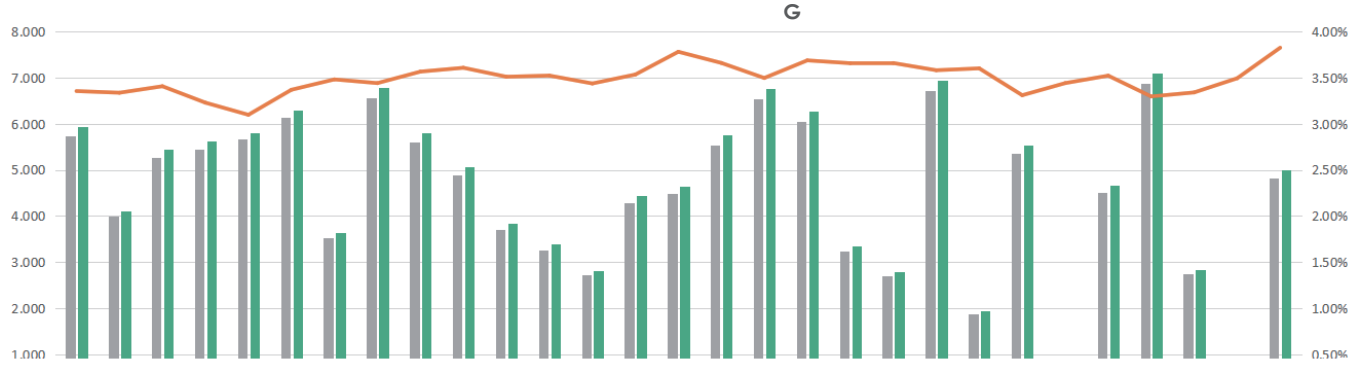
The panels are installed on adjustable mounting system with

	P-type Bifacial Module	N-type Bifacial Module
Module Type	JKM540M-72HL4-BDVP	JKM560N-72HL4-BDV
No. of Modules/string	10 pieces	10 pieces
Ground condition	Grass	
Mounting	Fixed adjustable tilted 40°	
Minimum standoff	1m(From module bottom to ground)	
Inverter	20RT-20	
Collection Frequency	Once a minute	
Generation per watt kWh/kW	baseline	+3.49%

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