

2.56% Yield Gain of TOPCon Over P-Type BC in 15-Mon h Roof o System Comparison

Test Background :

Test Introduction :

Conclusions :

Results :

1.The total energy yield of TOPCon solely contributed by front side was at most **2.56%** higher than that of P-type BC modules due to TOPCon' s higher generation capability (kWh/kW). Putting aside its advantage of bifaciality, TOPCon still has more potential than BC for rooftop applications.

2.Both types of modules exhibited a strong linear correlation between irradiance, temperature and energy yield. The stronger the irradiance and temperature, the higher the yield gain of TOPCon.

3.TOPCon showed better low light performance in the morning and dusk.