鹿児島の実証データ報告

TOPConの発電量はN型バックコンタクト(BC)製品と比較し　8.82%プラス

Ḋ TUV Nord ḃ Ḋ ḍ
, ḃ Ḋ N TOPCon
2024 10 Ç 2024 12 , 3 (
1) 1 ç N BC ḃ ç
8.82% Ç ç,
9.84% , ç,

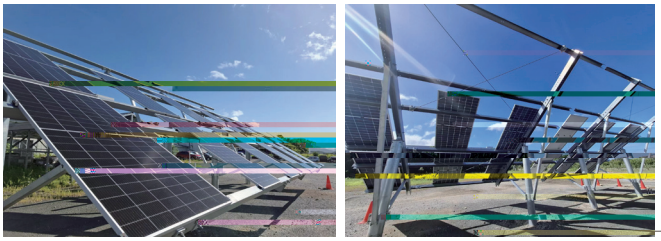
1. 2024 10 Ç 2024 12 ç ḃ
ḋ Ḍ ç, Ḍ
TOPCon
ḍ , 10 15 Ç 10 29 , 15 ḃ
ç ḍ ˋ Ḋ 1 9.13% ç
, !

2. TOPCon 80% ḍ Ç
, ,
ḍ
, ḍ TOPCon
ḃ ç Ḋ ḍ , ḍ ,

3. Ç 2km ḋ ,
,
TOPCon ḃ ḍ
ç ạ ḍ
ḍ ,

実証プロジェクトの背景：

N TOPCon ḍ
ç , 1 XBC
ḍ , XBC
ḃ ç Ḋ
, TOPCon ḃ XBC
ḋ Ḋ ḃ ạ Ḍ Ç ḋ Ç
ḃ Ḋ ḍ Ḋ ,
ḋ, Ḍ ḋ ,TOPCon
Ḋ ḋ ,



図：案件写真

実証プロジェクト情報：

(32 3 57 130 19 53)
Ḍ ḋ, 2
ḍ , :N TOPCon N BC
2 Ç 1.2
32° ç Ç ḋ,

SAT ḍ
ḋ, Ḍ 1
ḍ 1 CR1000X ,
ḍ 1

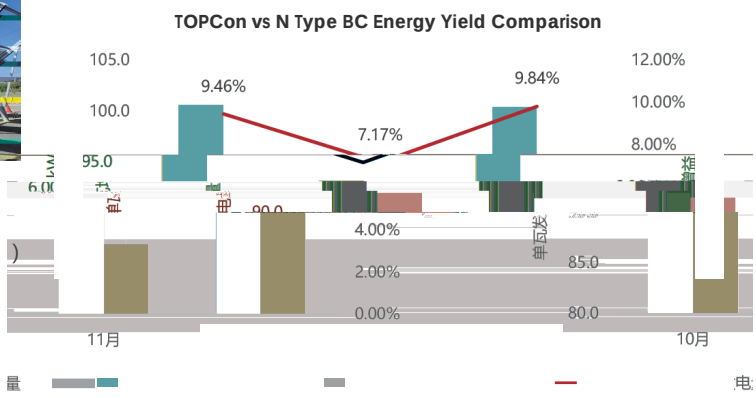
Cell Technology	Module Size(mm)	Module type

テスト結果：

2024 10 1 Ç 12 31 , 2 Ḋ
ḋ, ,TOPCon
3 **294.2 kWh/kW**, N BC
270.2 kWh/kW TOPCon
8.82% ,

Month	N Type TOPCon Normalized Energy Yield kWh/kW	N Type BC Normalized Energy Yield kWh/kW	Gain Per Watt

Ḋ ḍ Ḋ
Ḍ 1000W/m2
ç N TOPCon 8.05%
, TOPCon 3
(1000W/m2) 174.04kWh ḍ N BC
ç 8.10% ḍ ,

ḋ TOPCon ḋ ḃ ç ḃ
ç ạ ḃ ç ḍ Ḋ ḍ ,

PR Ç ạ ḍ Ḋ , ,
, ḃ
ḍ Ḋ TOPCon
PR 97.8% , N BC PR 89.9%
TOPCon ḍ , ḋ
TOPCon ḋ Ḋ
ḍ ,