



Mulilo Sonnedix Prieska PV Solar Farm

Location

- 50km South-West of Prieska, Northern Cape Province, South Africa
- Agricultural land
- GPS coordinates 30°02'15.62"S 22°21'07.02" E elev 3575ft

Parties

- Owner: Mulilo Sonnedix Prieska PV (Pty) Ltd
- Developer: Mulilo Renewable Project Developments (Pty) Ltd
- Legal Advisors: Norton Rose Fulbright (Owner), Webber Wentzel and Linklaters (Lender)
- Lender: Nedbank and Standard Bank
- EPC Contractor: juwi Solar ZA Construction 3 (Pty) Ltd
- Construction Project Manager (Sonnedix): Torsten Keller
- Project Manager (juwi): Andre Steffen

Basic information

- Mode of operation: Grid connected
- Installed capacity ~ 86 MWp
- Site extent ~ 125 Ha
- Grid connection 05/2016
- Commercial Operation 07/2016
- Expected useful life 20 years
- Value of project ~ R1.3bn
- Largest solar plant built by juwi
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Solar power details

Number of modules Module type	~ 274,000
Module manufacturer	BYD South Africa
Number of inverters Type	80
Manufacturer of inverters	ABB, South Africa
Racking system	PiA Solar, South Africa



➤ High level milestones

- Commencement of Construction 28 April 2015
- Mechanical Completion 29 April 2016
- Commercial Operation 22 July 2016

➤ Economic Development

- Job Creation (during Construction):

Job Creation	Man Months	Employees
Total Man Months	7838	653
RSA Based Citizens	7620	635
RSA Based Black Citizens	7051	587
Skilled Employees	2463	205
RSA Based Skilled Black Citizens	1274	106
Citizens from Local Communities	2472	206

- Local business opportunities: The EPC Contractor has contracted a local Joint venture initiative to construct the facility operations building. The contract value is ~ R3.5m. Local contractors are also delivering inter alia electrical, quality inspection, waste management and fencing services to the project during construction.
- SED (post Construction) : ZAR 3.09 million
- ED : (post Construction) ZAR 72 million