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Lesedi



Key Facts

HOMES POWERED

MEGAWATTS (MW)

Eskom will purchase 100% of the electricity produced under a 20-year contract, and will then use this electricity for distribution to its customers in South Africa

LOCAL CONTENT

45% of the total project value was local content spend, with 60% of the local content with BBBEE providers.

MEGAWATT-HOURS POWER PER YEAR

The project will deliver approximately 150,000 megawatt hours annually, enough to power about 65,000 South African homes with clean energy.



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SOLAR PANELS

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325,360 solar panels were installed, with more than 800 workers on-site during peak construction.



EMISSIONS

The Lesedi Solar Power Project completed construction in May 2014. In addition to helping South Africa meet its critical electricity needs, the Lesedi project brought long lasting economic benefits to the region. The project reserves a percentage of total project revenues for enterprise and socio-economic development of local communities.



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POSTMASBURG, NORTHERN CAPE, SOUTH AFRICA

South Africa is a country at the forefront of the solar energy revolution.

The Lesedi Solar Power Project completed construction in May 2014 and is fully operational, successfully helping to power the Eskom South African electricity grid. [Contact Us \(https://sr.energy/contact-us/\)](https://sr.energy/contact-us/) is playing a part in helping South Africa meet its renewable energy targets, in addition to stimulating long-term economic development and creating new jobs. The Lesedi Project generates enough clean electricity to power approximately 65,000 homes in South Africa.

PROJECT OVERVIEW

- **Location:** Postmasburg, Northern Cape Province, South Africa
- **Technology:** Photovoltaic (PV)
- **Size:** 75 MW-DC installed capacity; 64 MW-AC net generation
- **Electricity Production:** approximately 150,000 MW-hours annually
- **Power Purchaser:** 20-year government supported PPA with Eskom
- **Homes Powered:** 65,000 homes



KEY PROJECT BENEFITS

- Clean, zero-emission solar energy in South Africa
- Helping South Africa meet its renewable energy targets
- Direct and indirect employment
- Local Content: 45% of the total project value is local content spend
- Preferential Procurement: 60% of the local content is with BBBEE providers
- Operating Expenses: During the 20+ year operating life, the project will expend in excess of ZAR 2 billion on operations and maintenance costs
- Long term Enterprise Development and Socio-Economic Development investments

HISTORY

In 2011, SolarReserve joined with local empowered infrastructure investors and local developers in the South African market to develop large-scale photovoltaic solar energy projects.

The Lesedi Power Project was awarded by the South Africa Department of Energy in the first round of bidding under the South Africa Renewable Energy Independent Power Producer Procurement Program (REIPPPP). Lesedi began full commercial operations in May 2014.

