

Uninterruptible Power Supply Capability in Namibia





Overview

Why does Namibia require a power supply?

Namibia requires a power supply because 61% of its energy is currently imported, and local generation only produces 39% of its electricity.

How much power does Namibia have?

Installed generation capacity currently stands at 611 MW, of which 521 MW is available against a peak power demand of 672 MW in 2018. Lack of access to energy remains a critical barrier to poverty alleviation and Namibia's industrialisation efforts.

Does Namibia have a supply gap?

Namibia's average consumption rate surpasses 3000 GWh/year, while its generation capacity is around 1305 GWh/year . Therefore, there is a supply gap, which is covered by importing power from South-Africa, Zambia, and Mozambique . Most of the final consumed energy goes to the country's transport sector .

Why is Namibia not getting enough electricity?

Namibia's domestic electricity supply has failed to keep pace with rising demand, and Namibia generates less than half of the energy it consumes.



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ENERGY PROFILE Namibia

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by ...

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Namibia Energy Situation

IntroductionEnergy SituationRenewable EnergyFossil FuelsKey Problems of The Energy SectorPolicy Framework, Laws and RegulationsInstitutional Set Up in The Energy SectorFurther InformationFor Namibia to develop its energy sector and achieve energy security for the decades to come, some challenges need to be mitigated and handled properly at the first place, from which some are listed below: 1. The needed technology and engineering skills in the country are limited and underdeveloped. 2. The foreign investment in the country's energy See more on energypedia NSA[PDF]

Namibia Statistics Agency ELECTRICITY REPORT



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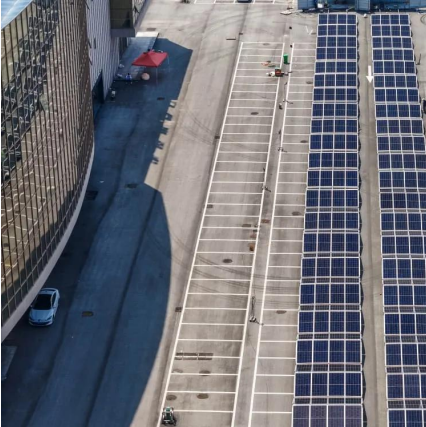
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Namibia Energy Situation

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ENERGY SECTOR

Energy Sector One of the most important inputs for economic growth is an abundance of reliable, affordable energy and Namibia is increasingly coming under pressure to deliver a power ...



Namibia

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