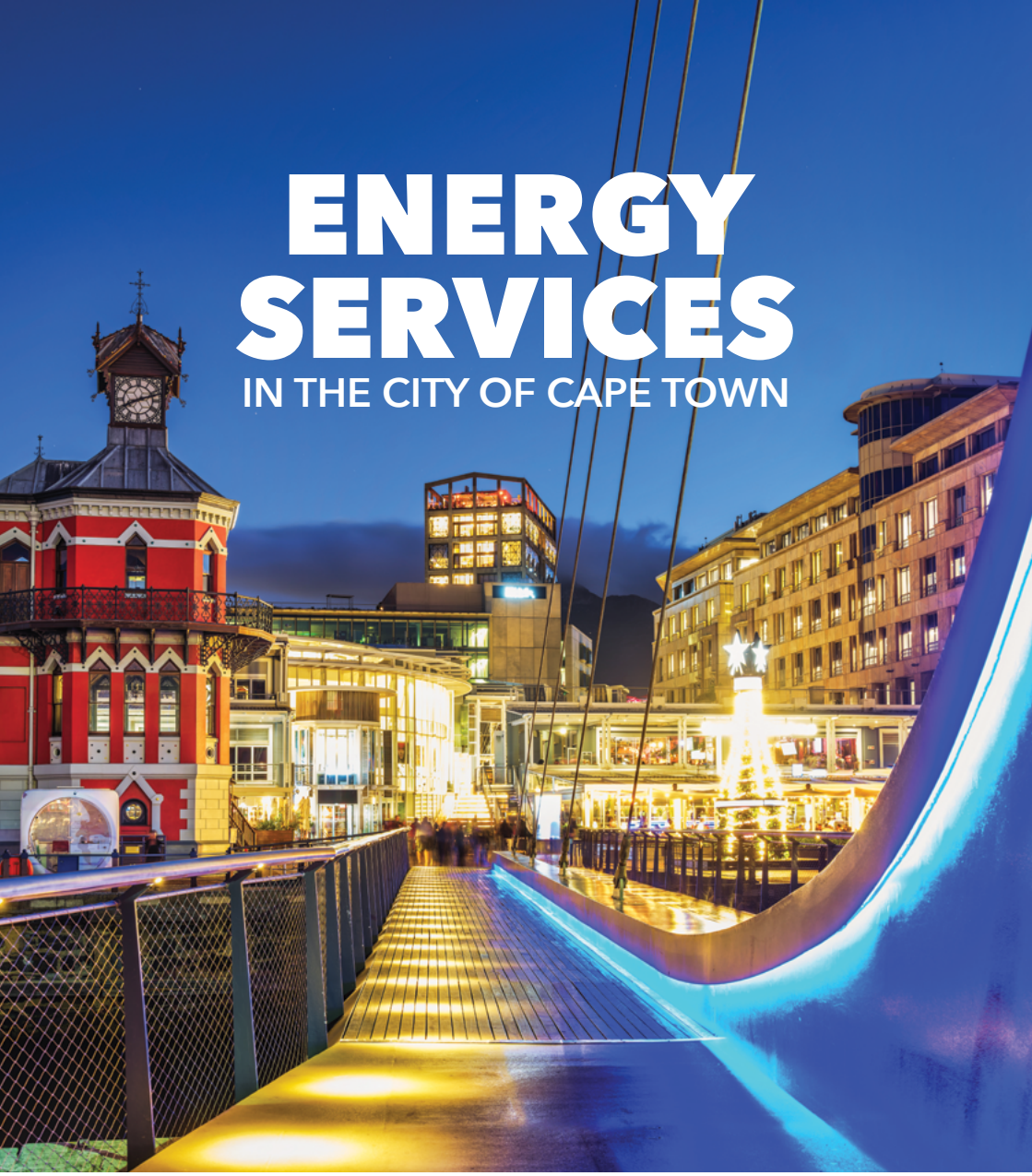

ENERGY SERVICES

IN THE CITY OF CAPE TOWN

CITY OF CAPE TOWN
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LOCATE YOUR DEVELOPMENT IN THE CITY OF CAPE TOWN

Securing a reliable electricity supply is one of the key success factors for any large-scale development. With industry-leading grid stability, competitive tariffs and a transparent policy framework guided by its Energy 2050 Strategy, the City of Cape Town provides a reliable, cost-competitive, and renewable-ready energy platform for energy-intensive customers to develop and grow their operations.

All developments in the city are regulated by the Municipal Planning By-law (2025), and the City Map Viewer holds all relevant spatial and land information. For spatial and development information, please visit the City's planning portal.

ENERGY SERVICES FOR LARGE POWER USERS

Grid reliability

Cape Town offers a significant electricity grid reliability advantage, with customers experiencing significantly fewer outage hours than other South African metros, aligning Cape Town with global standards for reliability. The City of Cape Town maintains an excellent Quality of Supply that is significantly better than the national average. As at June 2025:

Average System Interruption Frequency Index (ASIFI).
How often interruptions occur:
0,5 per customer

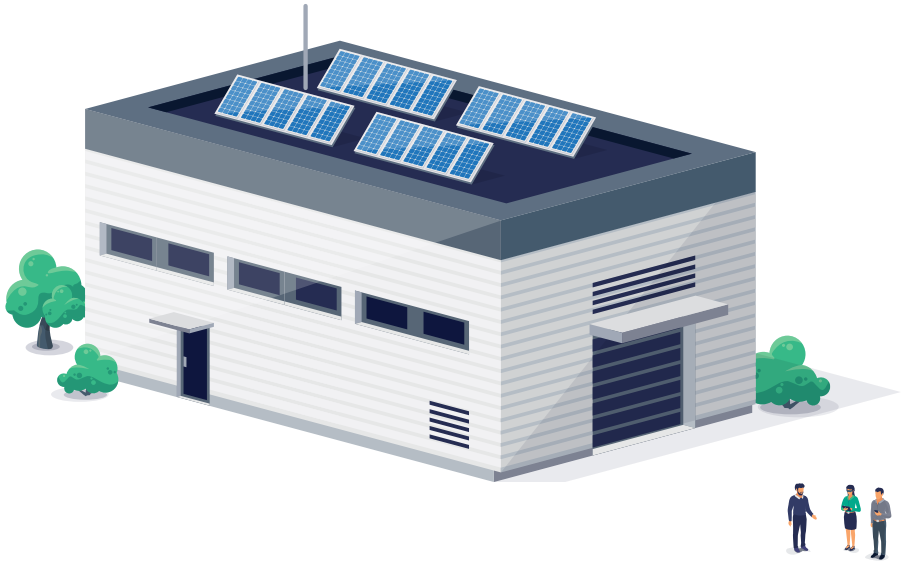
Average System Interruption Duration Index (ASIDI).
How long interruptions last:
2,3 hrs/ year

Grid capacity

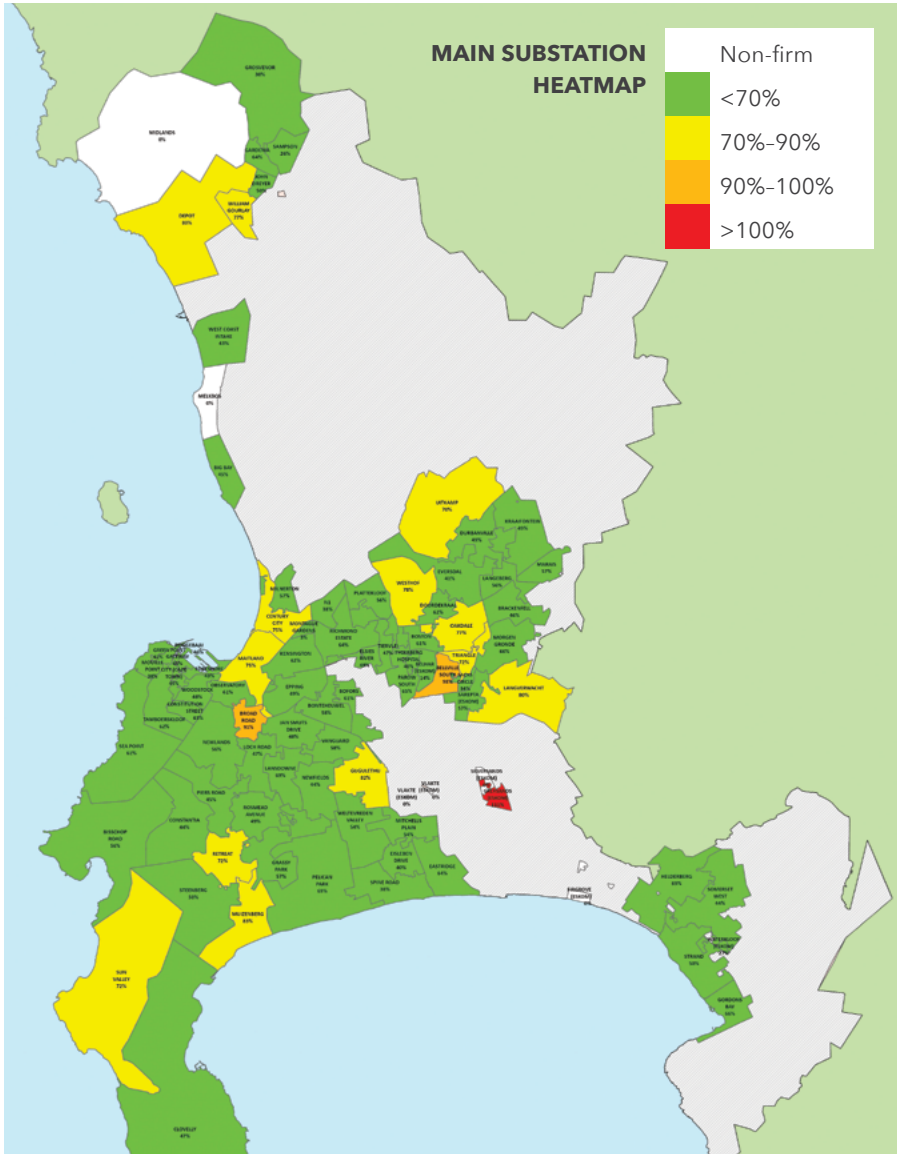
Cape Town has the following localised grid capacity available – these figures apply only to load connections and should not be considered as hosting capacity available for embedded generation or wheeling applications: [i]

ATLANTIS	PHILIPPI/ GRASSY PARK	MITCHELLS PLAIN	PAARDEVLEI
+/- 100 MVA	+/- 50 MVA	+/- 100 MVA	+/- 70 MVA

[i] Indicative figures only. Detailed studies required to confirm exact capacity availability.



PEAK 2024 LOAD AS A PERCENTAGE OF FIRM CAPACITY



Energy data is available to support the choice of location closer to main transmission stations.

Competitive tariffs

With tariffs trending below the Eskom averages and multi-year tariff planning, Cape Town offers a cost-competitive and stable energy landscape for business development: **2025/26 average tariff increase at ~7% compared to Eskom's 11,32%**.

Electricity tariffs are updated in July of every year and can be found at www.capetown.gov.za/CostofElectricity

Green energy supply options

Cape Town is driving renewable energy innovation in South Africa, creating a competitive environment for businesses to invest and grow sustainably. With diverse green energy solutions being added to the local grid and for onsite consumption, the City enables companies to meet global sustainability goals and reduce Scope 2 emissions with a range of initiatives:

- **Wheeling:** One-to-one wheeling for medium voltage (MV) and high voltage (HV) customers, with "pooled" wheeling pilots under way.
- **Small-scale embedded generation (SSEG) enablement:** An enabling environment for SSEG and EG uptake through feed-in tariffs, the Cash for Power programme, and efficient authorisation processes.
- **Independent Power Producer (IPP) programme and utility-scale own generation:** Diversification of our local energy mix to increase renewable sources.
- **Sale of green electricity:** Exploring options to enable the sale of green electricity, via a green tariff or renewable energy certificates, to respond to market needs.

Energy resilience
The City has implemented ground-breaking initiatives to enhance reliability and security of electricity supply, with further measures in the pipeline. These are designed to mitigate the impact of load-shedding, cushion businesses against rising wholesale electricity costs, and build resilience to external changes.

- **Steenbras pumped storage facility:** Including a planned R1,1 bn upgrade; used at peak times to limit grid pressure.
- **Independent Power Producer (IPP) programme:** Procurement of energy at competitive rates on the open market.
- **Utility-scale own generation:** Projects are under way, including the 7 MW Atlantis solar PV plant and a planned 70 MW Paardevlei solar PV plant which is in the feasibility stage.
- **Battery Energy Storage Systems (BESS):** A detailed roadmap for the City has been completed and is moving into the feasibility and implementation phase, with the first installation set to take place at the Atlantis GMPV site in 2026.
- **Curtailment programme:** Allows for customers who reduce their load to remain operational during load-shedding periods.

Utility-scale own generation projects
To build our energy resilience and bring more renewables into our local grid, the City is developing two ground-mounted solar PV plants:

	Atlantis	Paardevlei PROPOSED
Capacity	7 MWp	70 MWp
Energy production	~10–15 GWh/year	~130–150 GWh/year
Lifespan	25–30 years	25–30 years
Equivalent power	~4 000–4 500 homes	~25 000–30 000 homes
Operation date	End 2026	December 2030
Emissions reduced	12 524 tCO2e per annum	1 901 225 tCO2e per annum
Future expansion	5 MW BESS; 10 MWp	50 MW BESS

KEY RESOURCES

Energy	www.capetown.gov.za/Energy
Electricity tariffs	www.capetown.gov.za/CostofElectricity
Electricity wheeling	www.capetown.gov.za/ElectricityWheeling
Independent power producers	www.capetown.gov.za/IPP
Going solar	www.capetown.gov.za/SolarPV
Apply for authorisation for SSEG	www.capetown.gov.za/ApplyForSSEG
Apply for service connection	www.capetown.gov.za/ApplyForElecServ

City Map Viewer

https://citymaps.capetown.gov.za/EGISViewer/

Planning Portal
https://www.capetown.gov.za/work%20and%20business/planning-portal

CONTACT

Economic Growth: Investment facilitation, ecosystem development and market intelligence, site readiness, property-related possible vacant land parcels.

- **Email:** info@investcapetown.com
- **Email:** investment.facilitation@capetown.gov.za

Energy: Technical support, electricity supply options, and regulatory procedures.

- **Email:** SustainableEnergyMarkets.Enquiries@capetown.gov.za
- **Email:** ElectricityApplication.Queries@capetown.gov.za

Partner with Cape Town to secure reliable, cost-competitive, and sustainable energy for your operations.

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