

KEEP YOUR BUSINESS RUNNING



APPLY TO PARTICIPATE IN THE LOAD CURTAILMENT PROGRAMME

What is the Load Curtailment Programme?

The City of Cape Town allows qualifying businesses to be excluded from load-shedding in exchange for voluntarily reducing their electricity consumption to meet a predefined curtailment target in accordance with the national code of practice for load-shedding (NRS048-9: 2019 section 4.5.3).

What is load curtailment?

The reduction of energy consumption by either actively reducing your electrical consumption or by the use of dispatchable generation that does not form part of your base load.

- The customer must be capable of the required percentage curtailment for an extended period, the emergency can last through out the day from 06:00 to 22:00 and repeat daily.
- The curtailment target, measured at the supplying main substation or the feeder(s) supplying the curtailment area, is illustrated below:

10% of load - under stage 1 & 2

15% of load - under stage 3

20% of load - under stage 4

30% of load - under stage 5 & 6

What are the advantages of the program?

- **Operational Continuity:** Businesses can remain partially operational during load-shedding, avoiding complete shutdowns.
- **Reduced Financial Losses:** By maintaining critical operations, companies can minimize productivity and revenue losses.
- **Flexibility:** Participants can tailor their curtailment plans to suit their operational needs, if they meet the required reduction targets.
- **Support for Essential Services:** It helps businesses that provide essential services to continue functioning during power outages.

Who can apply to be considered for participation in the program?

The curtailment program can be implemented for Large Power Users that are supplied directly at main substation level. Large Power Users in an industrial or commercial area can also collaborate with each other and, as a group, achieve the required load curtailment at the main substation (The minimum requirement for an area to be considered for the curtailment programme will be 80% participation).

What are the requirements?

- The customer must be capable of the required percentage curtailment for an extended period, either singularly
- or collaboratively at the main substation supplying the customer or the group of customers.
- The customer or participating customers of the main substation area must respond to the load-shedding communication received
- via various media platforms, and reduce load by the required amounts. The required load reduction amount depends on the
- Eskom declared load-shedding stage.
- Load curtailment starts and ends at the load-shedding start and end times declared by Eskom. (Note, this is not just for the 2.5
- hours that the area would have been shed, but for the full duration of the emergency, which can last for the entire day).
- Failure to meet the minimum curtailment requirements will result in cancellation of the exclusion in which case normal
- load-shedding will resume for the large customer or the curtailment area.
- Cancellation of the exclusion can also occur for network operational reasons such as a failure on the remote switching facilities.
- It is advised that a Large Power User appoint an aggregator to aid in managing the load curtailment program effectively.
- Customers can also subscribe to be notified by clicking the following link: [here](#)

Being on the curtailment programme does not guarantee exclusion from load-shedding.

Please note in order to achieve % reduction requirement a loss of production will be incurred in most cases.

How does a company sign up for the Programme?

To join the Load Curtailment Programme, companies must:

1. **Submit an Application:** Interested businesses that meet the criteria above must indicate interest via email to Aldert.cuperus@capetown.gov.za and an application form will be provided.
2. **Develop a Curtailment Plan:** The company must outline how it will reduce its load during curtailment periods.
3. **Undergo Assessment and Approval:** The City will review the application and plan to ensure it meets technical and operational requirements.
4. **Implement and Monitor:** Once approved, the company must implement the plan and comply with curtailment instructions during load-shedding events. In order to participate successfully in this programme, it is advised that an operator / aggregator be appointed for the area to perform the co-ordination effort.

For more information, contact Business Retention and Expansion Office on 021 444 2830 or investment.facilitation@capetown.gov.za.

www.capetown.gov.za/businesshub
www.investcapetown.com



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