



a world class African city



City Power Johannesburg

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## A GUIDE TO HOUSEHOLD SOLAR INSTALLATIONS WITHIN THE CITY OF JOHANNESBURG

**28 OCTOBER 2024**

City Power has taken note of misinformation concerning spread and circulated by councillors regarding the management of customer's solar installations and pre-paid meters. That notice makes a number of false claims including that City Power will not install meters for customers who already have a solar system. Additionally, it claims that the entity will cut off supply and impose a R30 000 fee if customers purchase electricity units in large amounts. City Power would like to put it on record that this is untrue and we are calling for those who are spreading these lies to desist.

The guideline for the application of solar installation within the city is contained below.

As a part of a move towards promoting renewable energy, City Power has streamlined the process for the Small-Scale Embedded Generation (SSEG) application, designed to facilitate the installation of photovoltaic (PV) systems for our valued customers. As the implementing agent, we are committed to ensuring that all installations comply with safety and regulatory standards, thereby fostering a sustainable energy future for our community.

To embark on this journey, customers must first obtain a Notification Number from the City of Johannesburg (CoJ) by completing the Electricity Supply application form. This crucial step allows customers to engage with City Power's SSEG department, where they can submit their application via email at [jozipvpower@citypower.co.za](mailto:jozipvpower@citypower.co.za). Following this, a site inspection will be arranged, and once the inspection is complete, customers will be added to our database. It is essential to note that customers will be notified when City Power is ready to facilitate backfeeding, should they express interest.

The application process requires the submission of several key documents, including a fully completed Electricity Supply Form, a Single Line Diagram, Inverter Datasheet, Inverter NRS Certificate, Design/Drawings, Site Plan/Layout, Maintenance Procedure, PV Commissioning Form, and a Certificate of Compliance. For systems exceeding 350kVA, a Grid Impact Study is mandatory and must receive approval from the Planning Evaluation Committee (PEC). This ensures that all installations are not only efficient but also safe for integration into the existing grid.

Once the installation is complete, it is vital that the system undergoes testing and commissioning. Customers must submit the Certificate of Compliance (CoC) along with the PV Commissioning Form to City Power. Following a successful review, City Power will issue a pre-approval letter, leading to the final approval letter. To facilitate the measurement of both electricity import and export, a smart/bi-directional meter will be installed at the customer's expense.

This means that those seeking to install solar will be converted to post-paid to enable City Power to monitor consumption and ensure that they contribute towards network service fee like all other customers.

In terms of financial considerations, City Power has established a transparent fee structure for the Grid Assessment impact study, which varies based on the size of the generator facilities. The following cost estimate fees are applicable for the Maximum Export Capacity:

**Non-Executive Directors:** M Kharodi (Chairperson of the Board), M Kekana, N Kgope, W Mathamela, M Mbuli, S Mlauzi, P Mokhele, N Mtembu, S Nkwanyana, M Seopela, M Qhomane

**Executive Directors:** T Mashava (Chief Executive Officer), R Sadiki (Chief Financial Officer) - Company Secretary: M Smith

Registration number: 2000/030051/30 - VAT number: 4710191182

Customer Supply Size	Category as per Grid Code	Applicable Cost Estimate Fee
0-1MVA	A3	R30 000 + vat
1MVA – 5MVA	B	R45 000 + vat
5MVA ≤ 10 MVA	B	R66 991.30 + vat
10 MVA ≤ 20 MVA	B	R81 991.30 + vat
20 MVA ≤ 40 MVA	C	R100 521.74 + vat
≥ 40 MVA	C	R115 521.74 + vat

It is crucial for all customers to understand that compliance with City Power's bylaws is mandatory. Each connection must be declared and approved by City Power, and any new amendments will be reviewed in accordance with the SSEG policy. By adhering to these guidelines, customers not only contribute to a greener future but also ensure the safety and reliability of our energy infrastructure.

City Power is dedicated to supporting customers throughout this process, and we encourage anyone interested in installing a PV system to reach out to our SSEG department for assistance by contacting us on 011 490 7484. Together, we can harness the power of the sun and pave the way for a sustainable energy landscape.

**ISSUED BY CITY POWER**  
**Isaac Mangena, Spokesperson**  
**Department of Public Relations and Communication**