



Western Cape  
Government



CITY OF CAPE TOWN  
ISIXEKO SASEKAPA  
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Presented by:

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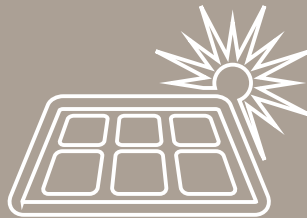
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# Rooftop solar PV installation for homes and businesses

- The safe and legal way to do it

If you want to  
install a rooftop  
photovoltaic (PV)  
system, it is important  
to understand:



The benefits of  
grid-tied PV



The legal and  
safety requirements  
of an installation



take charge

**switch & save**

Energising the Western Cape  
**BETTER TOGETHER.**

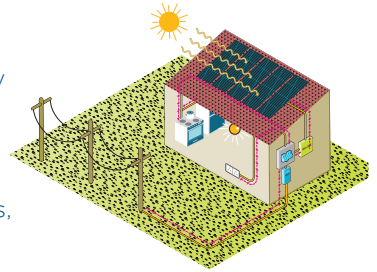
The Western Cape Government is encouraging the installation of grid-tied rooftop PV so that we have enough green power for growth in our province

## What is a grid-tied feed-in PV system?

This is a solar PV system that generates the electricity needed for your property & then feeds the extra electricity back into the electricity grid.

Unlike other PV systems, you stay connected to the grid and the excess electricity is contributed to others, ensuring enough power for growth in our province.

Installing a grid-tied feed-in PV system is much cheaper than going completely off grid.



Grid-tied feed-in PV is **only permitted if you are a municipal electricity customer**. Eskom customers currently cannot feed in to the grid.

## Safety Check

Illegally connected systems can compromise the safety of your family and the electrical staff.

Poor quality installations that do not meet national wiring standards can expose your house to fires and electrical hazards.



CONNECTING WITHOUT APPROVAL IS ILLEGAL AND DANGEROUS.

- To install this grid-tied system, you need to **obtain approval from your municipality in writing**. Most Western Cape municipalities allow grid-tied feed-in PV and you can contact them directly for details. For the City of Cape Town, visit: [www.capetown.gov.za/ElecServiceForms](http://www.capetown.gov.za/ElecServiceForms)
- To ensure that your PV installation is safe and legal, the City of Cape Town has designed a **checklist to guide you through the process**. For the full checklist, including other PV system options, visit: [http://www.savingelectricity.org.za/pdf/cct\\_safe\\_and\\_legal\\_pv\\_requirements\\_march\\_2016.pdf](http://www.savingelectricity.org.za/pdf/cct_safe_and_legal_pv_requirements_march_2016.pdf)