



14 July 2022

All Members  
The Hills Game Reserve Lifestyle Estate

Dear Member

### **THE HILLS – SOLAR INSTALLATION APPLICATION PROCEDURE**

With the number of solar installations being undertaken in the estate increasing significantly, we would like to draw your attention to the following procedure to be followed should you decide to proceed with such an installation at your property.

- Application documentation will be forwarded upon request from the contractor / owner.
- The application for solar plant installation must be completed and submitted along with the single line diagram and installer estate access form.
- For a grid-tie solar system, the inverter NRS certificate and PV module specifications must be forwarded along with the above-mentioned forms (Where the solar system is connected to the ESKOM network to export excess electricity or use electricity from ESKOM if/when needed).
- For an off-grid solar system, an off-grid declaration form must be submitted along with the above-mentioned forms (Where the solar system is connected to the ESKOM network but the excess electricity cannot be exported into the electrical grid).
- Once the completed documentation has been received, it will be forwarded to the Engineer for approval.
- Once approved, the Engineer will return the signed installer estate access form (please note that a maximum of seven working days will be granted for solar installation and commissioning).
- Within seven days, after the completion of the solar installation, a completed commissioning report form must be submitted along with a solar inspection request form and a valid COC. The inverter name and serial number must be completed on the solar COC under Section 3- "DESCRIPTION OF INSTALLATION COVERED BY THIS REPORT".
- Once received, an invoice for inspection will be provided.
- Once the funds reflect in RNM's account, date and time for inspection and tests will be arranged.
- The solar application will be complete once the inspection has passed, and all the relevant documentation has been received.

Also please take note of the following:

- For a grid-tie solar application you are limited to a 50% maximum generation capacity of 6.9kWp on a single phase 60A connection and 20.8kWp on a 3 phase 60A connection. Only an NRS approved inverter will be accepted for a grid-tie application.

**The Hills Home Owners Association**

Registration No. 2007/016285/08

Directors: YS Atcha, MA Corbett, J du T Vos, MG Escobar, B Hennessy, J Hofmeyr, LM Makhubalo, K Motseme, C Musah, H Schreurs, IG Setshedi

Address: 74 St Andrew Street, Birdhaven, Johannesburg Tel: 011 214 5200



- For an off-grid solar application you are not limited by the 6.9kWp and 20.8kWp and the NRS approved inverter, however, should you decide to feed back into the grid in the future (grid-tie), the kWp and inverter requirements must be met.
- During the solar inspection, an island test will be conducted to ensure that the system does not feed back into the network and the inverter is correct. The maximum allowed voltage measured (loss of mains) must be less than 1V between Live & Neutral, Live & Earth and Neutral & Earth.
- The exporting of power into the grid is monitored on a continuous basis via the smart metering system. If export is detected a notice will be served that the service connection will be disconnected within 7 days. It will be required from the customer to correct the installation immediately. The notice will only be withdrawn after a successful re-inspection is done at the cost of the customer.

We trust this will provide you with the necessary guidance on the process to follow but as always, you are welcome to contact the office of the Home Owners Association with any further enquiries.

Kind regards

**FOR AND ON BEHALF OF THE HOME OWNERS ASSOCIATION**

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