

New Solar Power System for Glaxo Smith Kline, Cape Town

As part of a global initiative to reduce the energy consumption and carbon emissions at its facilities, leading international pharmaceutical company, **Glaxo Smith Kline** requested **Power Solutions** to design and install a solar system on the roof of its warehouse in Cape Town.

The system will allow the Administration Building at the facility to operate as a carbon neutral zone.

Power Solutions installed a 30kWp system at GSK consisting of 132 solar PV modules. A walkway was installed around and between sections of the array to ensure safe and easy access to the panels. Power Solutions used non-roof penetrating mounting technology to secure the panels to the roof to prevent any leakages from inclement weather. The system feeds power into the **GSK** electricity grid, which allows **GSK** to offset its consumption of electricity, thus reducing its electricity costs significantly. In addition, GSK is able to reduce its carbon emissions by 55 tons of CO₂ per year.

The electricity generated by the system is monitored and displayed on LCD screens which are distributed throughout the various GSK buildings. This has created significant awareness among staff members, who are able to evaluate firsthand how much energy is being consumed, and saved at the site.

We commend Glaxo Smith Kline on taking this step and making a visible and vital contribution towards a more sustainable future.



A few may believe what you say. But everyone will believe what you do.