



Basic Assessment: Boven Lang Kloof

Project Summary:

The Boven Lang Kloof study area is located within the scenically attractive mountainous region of the Witzenberg Municipality to the northeast of Ceres. The dominant topographical units or terrain types are low mountains and high mountains. Some slightly undulating plains are located in the far east and west of the study area. The area is characterised by a very low occurrence of any built infrastructure and a landuse characterised by extensive agriculture.

The Ann & Ray Lunt Family Trust is proposing the development of a <20MW photovoltaic solar array for the production of renewable energy that will feed electricity directly into the national ESKOM grid. Phase 1 of the development will see the development of 1.2 MW of generation capacity from a static PV Solar Array covering an area of <10ha's. An area of approximately 18 ha's has been identified for the full extent of the proposed array with associated infrastructure which should provide a maximum generation capacity for the site of 12MW when fully developed. This estimate based on the technology available at the present time. The ESKOM grid in the area is such that it cannot accommodate more than 1.2MW at this juncture and therefore will need to be upgraded before following phases of the proposed development can be undertaken.

FOOTPRINT Environmental Services were appointed to do a Basic Assessment Report in terms of the NEMA Environmental Impact Assessment Regulations, 2010

Client:

Ann & Ray Lunt Family Trust