



**MINISTRY OF ENERGY
REPUBLIC OF SOUTH AFRICA**

NATIONAL ASSEMBLY QUESTION 1493

Mr M G P Lekota (Cope) to ask the Minister of Energy:

Whether any new carbon sinks are being created parallel with the building of the Kusile and Medupi coal-fired power stations to help offset their future carbon emissions in order that South Africa meets its carbon emission commitments in terms of the Kyoto Protocol and other international agreements; if not, why not; if so, (a) in which localities, (b) by whom, (c) of what type and (d) at what cost? NW1772E

Reply

Eskom itself has not created new carbon sinks parallel with the building of Kusile and Medupi coal fired power stations. Parallel to Eskom, Independent Power Producers (IPP) are responsible for introducing about 2400MW of renewable energy generators into the grid. It does not view emissions reductions on a project by project basis, but does so holistically for the whole organisation. There is a comprehensive strategy in place, outlined in the Integrated Resource Plan, to reduce relative emissions in the short to medium term and reduce absolute emissions in the long term (which goes beyond offsetting). The table below provides details on the short to medium term strategy.

(a), (b), (c), and (d)

LOCALITY	WHOM	TYPE	COST	DATE
All Eskom facilities in the country	Eskom	Energy Efficiency	R105 m over the last 2 years	Already in place
Megawatt Park	Eskom	Solar PV	Commercial process	Already in place
Lethabo and Kendal Coal fired power stations	Eskom	Solar PV	Commercial process	Already in place
All coal fired power	Eskom	Solar PV; Solar	Commercial process	In process of

stations		augmentation; co-firing with biomass		being developed/researched
Vredendaal	Eskom	100MW wind facility	Commercial process	2013
Upington	Eskom	100 MW CSP facility	Commercial process	2016
Eastern Cape, Western Cape, Northern Cape, Free State	IPP	2400MW of wind and solar facilities	R80bn	To reach financial close in 2013

