LESEDI PV PROJECT- 64 MW PV POWER PLANT

Terence Govender, Director: Development

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**WHO IS BUILDING THE PROJECT?**

**SOLAR RESERVE**
- California-based developer of large-scale solar power projects
- Company formed in 2008 to realise exclusive concentrated solar power (“CSP”) technology with thermal storage
- In addition to CSP, the company uses development expertise to build photovoltaic (“PV”) projects
- Developing >1000 MW of PV projects and >300 MW of CSP tower projects
- South African Offices in Sandton, Johannesburg

**KENSANI CAPITAL INVESTMENTS (PTY) LTD**
- Kensani Capital Investments is a Broad-Based Black Economic Empowerment business
- Established in 1997 as an investment holding company for the economic upliftment and empowerment of women in South Africa
- Expertise is in project finance and infrastructure investments in the South African empowerment sector

**INTIKON ENERGY**
- Experts in developing renewable energy projects including over 700MW of wind projects in construction and development
- Based in Australia
LESEDI PROJECT STRUCTURE

Local Trust

Lesedi Power Company

O&M Provider – Siemens/ACS Cobra

Equipment Supplier – Suntech

EPC Provider – Siemens/Schneider/ACS Cobra

INTIKON ENERGY

SOLAR RESERVE

RAND MERCHANT BANK

KENSANI CAPITAL INVESTMENTS (PTY) LTD
Project Details

• Full name of applicant (business name) and business registration number: **Current business name: Oakleaf Investments Holdings 79 (Pty) LTD, Registration No.: 2011/105139/07;**

• The name of which will be changed to **Lesedi Power Company** or such other name as the Companies and Intellectual Property Commission may approve-(Actual name)

• Desired Date, before 01 May 2012

• Proposed Construction Start date: 01 June 2012

• Proposed Commissioning date: 01 May 2013
• 64 MW ac PV Power plant
• The PV plant will be connected to the 132kV Eskom Distribution Network lines, situated between Groenwater Traction and Clifton Traction
• Rezoning is underway
• Water secured, CAA Approval
• Name of Province: NC, South Africa
• Town/farm: The portion of the remainder of the Farm 469 (Humansrus), Hay RD, Siyanda District Municipal Region
WHAT WILL THE PROJECT LOOK LIKE?
When will the project commence?

Construction begins: June 2012

Commencement of Energy Production: December 2013

Minimum Project Life Span: 20 years
HOW WILL THE PROJECT BENEFIT THE COMMUNITY?

The Project will deliver meaningful and sustainable economic and social benefits:

- Total Economic Benefit (GDP) estimated at R10bn

- Job creation and training:
  - Will create circa 2,800 full-time equivalent direct and indirect jobs during the construction phase
  - Will create circa 176 full-time equivalent direct and indirect jobs during the operations and maintenance phase
  - The construction phase will be approximately 18 months
  - The types of skills that will be required for the construction phase include road construction, site clearance, security and general construction and assembly
  - Skills development

- A minimum of 30% of total capex spend with preferential vendors (e.g. BBBEE enterprises and women)
HOW WILL THE PROJECT BENEFIT THE COMMUNITY?

- Enterprise development would encompass formal trades, such as:
  - Earthmoving and construction of plants
  - Electrical, mechanical and civil engineering for construction and on-going maintenance
  - Landscaping design, implementation, and maintenance
  - Security development and maintenance for the project
  - Goods and services
  - Uniforms and personal protective clothing (PPE); and flow down effects to the informal sector

- Socio-economic development entails fulfilling the community needs through initiatives such as:
  - Mothers for All
  - Food and Trees For Africa
  - MaAfrika Tikkun
  - The Barefoot College
  - The Sports Trust
  - The Kensani Foundation
  - Basic education programmes

The Project shareholders are experienced in and are committed to ensuring that the socio-economic benefits, local content and empowerment objectives are achieved throughout the Project life.
CONCLUSION

- The 64 MW Lesedi Project is a world class, utility scale solar park that will have a long term sustainable impact on South Africa and the local communities.

- The project will create clean, renewable energy for ~20,000 households. The power will be fed directly to the national grid.

- The Project will be constructed by an international, highly experienced contractor that will deliver global best practice and significant skills transfer and development.