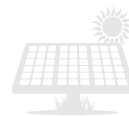




**SANDFIRE RESOURCES NL**

A QUALITY COPPER-GOLD COMPANY ASX Code- SFR



## Mine Details:

### DeGrussa mine

- Gold and Copper Mining Site
- Location: Doolgunna (900 km north of Perth)

### Energy consumption

- Diesel genset capacity: 19 MW
- Diesel genset owner: KPS
- Avg. load:  
~ 11 MW
- Avg. power usage:  
~ 100 GWh p.a.
- Avg. diesel usage:  
~25 million litres p.a.

## About Stakeholders:

### Sandfire Resources NL

- Australian mining and exploration company which owns the DeGrussa Mine;
- Offtaker / Customer.

### Juwi Renewable Energy Pty Ltd

- A worldwide leading project developer and EPC company in the renewable energy sector;
- Project Developer, Engineering, Procurement, Construction, Operation and Maintenance.

### OTOC Australia Pty Ltd

- A leading provider of non-process infrastructure solutions to customers in several markets including Government Infrastructure, Mining, Energy, Heavy & Light Industrial, Utilities, Facilities and Communications.

### Australian Renewable Energy Agency (ARENA)

- Federal Government Agency focused on increasing the affordability and amount of renewable energy used in Australia;
- Providing \$20.9 million funding support.

### Clean Energy Finance Corporation (CEFC)

- Federal Government Agency that invests in renewable energy efficiency and low emission technologies;
- Provider of debt funding.

### Neoen Australia Pty Ltd

- French based renewable energy IPP;
- Provider of equity funding.



**SANDFIRE**  
RESOURCES NL

**juwi**

**otoc**

**ARENA**



Australian Government  
Australian Renewable  
Energy Agency

**CEFC**  
CLEAN ENERGY FINANCE CORPORATION

**neoen**  
renewing energy

## At a Glance:

### Solar Hybrid System

- Solar PV panels 10.6 MWp (34,080 modules of 310 Wp)
- Mounting system single axis tracking
- PV inverter 10 MWac
- Storage system 4 MW / 1.8 MWh (6 MW peak)
- Storage system Lithium Ion
- PV area ~20 ha
- Planned commissioning Early 2016

### Commercial

- Supply term (PPA) initial period 6 years
- Total cost ~ A\$40 m
- Australian Content ~ A\$21.2 m
- Solar production ~ 21 GWh p.a.
- Diesel savings ~ 5 million litres p.a. (~ 20 % of total)
- CO<sub>2</sub> savings ~ 12,000 tonnes p.a.

