



agriculture, forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

Enquiries: J. Mans
E-mail: JacolineMa@daff.gov.za
Telephone: 054 338 5909
Ref: NCU 8070118

LICENCE NCU 8070118

TO AUTHORISE CUT, REMOVE & DAMAGE OR DESTROY a) *INDIGENOUS TREES* IN *NATURAL FORESTS*, AND/OR b) *PROTECTED TREES*, OR THE ACQUISITION OR DISPOSAL IN ANY MANNER OF SUCH TREES OR THEIR PRODUCTS.

[SECTIONS 7(1) AND 15(1) OF ACT NO. 84 OF 1998, REGULATION 20(1) AND 21(1)]

This licence:

- Grants authority under National Forests Act (Act No. 84 of 1998), as amended, to carry out one or more of the activities, upon such conditions, and for such a period, as specified in more details below;
- Does not exempt the licensee from adhering to the provisions of any other law
- Must be renewed at nearest Forestry office after expiry of the specified period if still required
- Is valid for the period **04 January 2018 to 04 January 2020**

A		PARTICULARS OF LICENSEE		
Institution	ACWA Power SolarReserve Redstone Solar Thermal Power Plant Registration No. 2014/287655/07			
Surname	Jessop			
First Names	Alistair David			
ID Number	Passport Number 517984849 (United Kingdom of Great Britain and Northern Ireland)			
Postal Address	Office XX 007001, 90 Grayston Drive, Sandton, 2196			
Residential Address	Office XX 007001, 90 Grayston Drive, Sandton, 2196			
Contact Details	Tel: (011) 582 6880	Cell: 071 181 5598	Fax: 086 733 8849	
E-mail address	Alistair.jessop@solarreserve.com ; cc Alicia.Govender@solarreserve.com ; cc Leanna.JansevanRensburg@solarreserve.com ;			
Name and Number of property	Construction of 2 x 132 kV power lines and associated infrastructure from ACWA Power SolarReserve Redstone Thermal Power Plant to Olien Substation near Lime Acres. Linear power line development over a distance of \pm 36 km crossing several properties as specified in the Addendum – Farm Properties attached to this License.			
Location of property	Northern Cape Province			

In respect of protected trees:

B		LICENSED ACTIVITIES
1	Cut / Destroy / Damage / Disturb: Thirty two (32) <i>Vachellia haematoxylon</i> distributed over a distance of \pm 36 km for construction of a 132 kV power line as per DEA authorisation.	
2	Possess / Transport / Donate: Timber and branches derived from the 32 trees specified above must be donated to the respective landowners for domestic use or it can be destroyed on site. The timber may not be sold.	
3	Cutting of living trees done according to approved sustainable management plan.	DEA Ref: 14/12/16/3/3/1/1201/AM3. Further amendments may affect the validity of this license.
4	Sizes and numbers of tree species: Thirty two (32) <i>Vachellia haematoxylon</i> trees / shrubs. Most are small to medium-sized with heights < 4m and of low shrubby variety. No large single-stemmed tree-like individuals are present.	
5	Condition of trees: Healthy, vigorous trees. Dead trees may also be encountered.	
6	Estimated quantity: Thirty two (32) <i>Vachellia haematoxylon</i> trees / shrubs.	

7	Origin: Hay District, Postmasburg & Lime Acres. Route Alternative 4 as per layout map with GPS reference points attached , Northern Cape Province.	
8	Destination: As in number 7 above or the nearest registered landfill or municipal dumping site.	
9	Specifications, prescriptions and remarks	<ol style="list-style-type: none"> 1. This license is a renewal of License NCU 6420316 expiring 02 March 2018 and not utilized due to project delays. 2. This license permits disturbance and felling of ± 32 <i>Vachellia haematoxylon</i> distributed over a distance of ± 36 km for construction of two 132 kV power lines and associated infrastructure from the ACWA Power Solar Reserve Redstone Solar Thermal Power Plant to Olien Substation near Lime Acres. 3. The power line route must be clearly demarcated and tree removal restricted to the permitted area and the 4m buffer alongside. The whole servitude / wayleave of 31m <u>may not</u> be cleared of vegetation. 4. The position of a tree is marked by the base of its trunk. The buffer area is measured as 4 meters from the nearest line to the tree; i.e. to the base of the trunk nearest to the line. Any protected tree within this buffer area can be removed if necessary. Tree crowns protruding into the buffer area may be trimmed, but the whole tree <u>cannot</u> be removed. 5. Proper pruning requires that branches be removed as close to the branch forks as possible, and this may result in more of the tree crown removed than the part protruding into the buffer area. 6. Protected trees with significant biodiversity features such as active bird nests may not be disturbed without a valid Fauna Permit from the provincial Department of Environment and Nature Conservation (DENC), under the Northern Cape Nature Conservation Act, Act 9 of 2009 (NCNCA), if affected. 7. The Licensee must attain written permission from affected land owners, prior to commencement or entry onto private land, and must liaise with such owners beforehand to determine trees of special significance, in which case such trees shall be conserved. 8. Affected landowner(s) may personally supervise pruning / cutting of protected trees on their properties, should they wish to do so. 9. Removal of trees may only commence shortly prior to construction, to avoid unnecessary removal of slow growing protected trees, in the event that the project is cancelled or the position of the powerline(s) changed. 10. The licensee shall train all personnel who undertake activities under this license to avoid unnecessary destruction and damage to protected trees, based on a lack of knowledge.

C LICENCE CONDITIONS

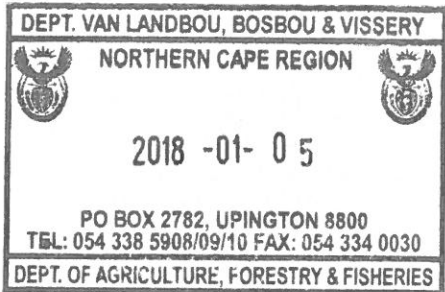
1. **General license rules**
This licence is –
 - (a) Not transferable (you cannot pass it on to another person), and
 - (b) Only valid for the period it was issued for.
2. **Showing this license**
 - (a) You must produce this licence on demand to any forest officer or police officer.
 - (b) The person moving or transporting timber or other products must at all times be in possession of a certified / stamped copy of this license.

Any further conditions	The Department of Agriculture, Forestry and Fisheries (DAFF) may at any time conduct a site inspection to monitor compliance. Non-compliance and/or miss-use of this license may result in the immediate cancellation thereof and criminal prosecution which may include a fine and imprisonment or both such a fine and imprisonment.
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DATE STAMP

1 pp J. Mans

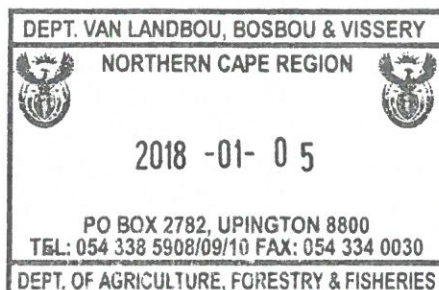
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DIRECTOR-GENERAL



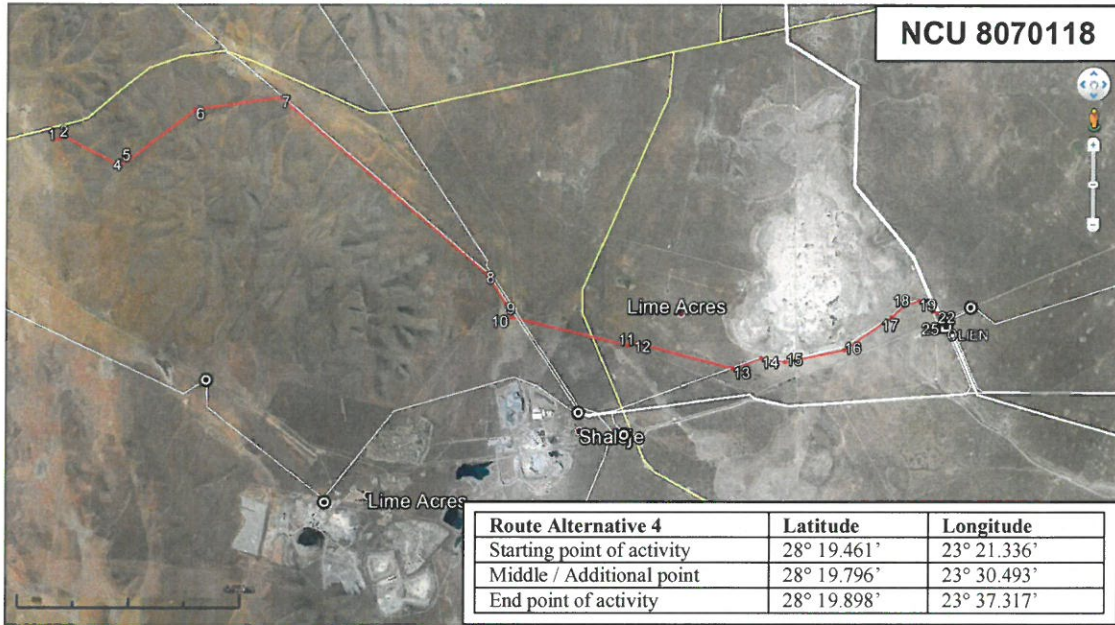
ADDENDUM - FARM PROPERTIES:

NCU 8070118

Farm 1	Name	Remaining Extent of the Farm Number 469	RE of Portion 5 of the Farm Carter Block No. 458
	Number	469	458
	Hectares	2229.4651	1561.8004
	Title Deed Nr.	T880/1988	T454/1953
	District	Hay	Hay
	Nearest Town	Postmasburg	Postmasburg
	Province	Northern Cape	Northern Cape
Farm 2	Name	Remaining Extent of the Farm Number 468	RE of Portion 7 of the Farm Carter Block No. 458
	Number	468	458
	Hectares	2179.1348	753.4233
	Title Deed Nr.	T668/2007	T2943/2003
	District	Hay	Hay
	Nearest Town	Postmasburg	Postmasburg
	Province	Northern Cape	Northern Cape
Farm 3	Name	Remaining Extent of the Farm Number 457	RE of Portion 4 of the Farm Number 300
	Number	457	300
	Hectares	764.2644	1843.9209
	Title Deed Nr.	T1407/2009	T2943/2003
	District	Hay	BarkleyWest
	Nearest Town	Postmasburg	Danielskuil
	Province	Northern Cape	Northern Cape
Farm 4	Name	RE of Portion 4 of the Farm Carter Block No. 458	RE of Portion 65 of the Farm Carter Block No. 458
	Number	458	458
	Hectares	1136.9216	N/a
	Title Deed Nr.	T228/1953	N/a
	District	Hay	Hay
	Nearest Town	Postmasburg	Postmasburg
	Province	Northern Cape	Northern Cape
Farm 5	Name	RE of Portion 24 of the Farm Carter Block No. 458	RE of Portion 16 of the Farm Carter Block No. 458
	Number	458	458
	Hectares	1565.3851	2614.5409
	Title Deed Nr.	T2704/1995	T1835/1976
	District	Hay	BarkleyWest
	Nearest Town	Postmasburg	Danielskuil
	Province	Northern Cape	Northern Cape
Farm 6	Name	RE of Portion 15 of the Farm Carter Block No. 458	
	Number	458	
	Hectares	256.9596	
	Title Deed Nr.	T591/1956	
	District	Hay	
	Nearest Town	Postmasburg	
	Province	Northern Cape	
Farm 7	Name	RE of Portion 14 of the Farm Carter Block No. 458	
	Number	458	
	Hectares	171.3064	
	Title Deed Nr.	T590/1956	
	District	Hay	
	Nearest Town	Postmasburg	
	Province	Northern Cape	
Farm 8	Name	RE of Portion 28 of the Farm Carter Block No. 458	
	Number	458	
	Hectares	782.9351	
	Title Deed Nr.	T1269/1979	
	District	Hay	
	Nearest Town	Postmasburg	
	Province	Northern Cape	

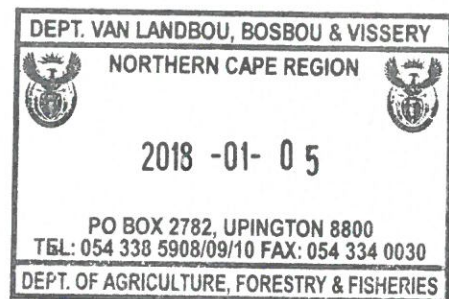


LAYOUT MAP SHOWING POWERLINE ROUTE IN RED FOR CONSTRUCTION OF 2 X 132 kV LINES FROM ACWA POWER SOLARRESERVE REDSONE THERMAL POWER PLANT TO OLIEN SUBSTATION NEAR LIME ACRES OVER A DISTANCE OF ± 36 KM.

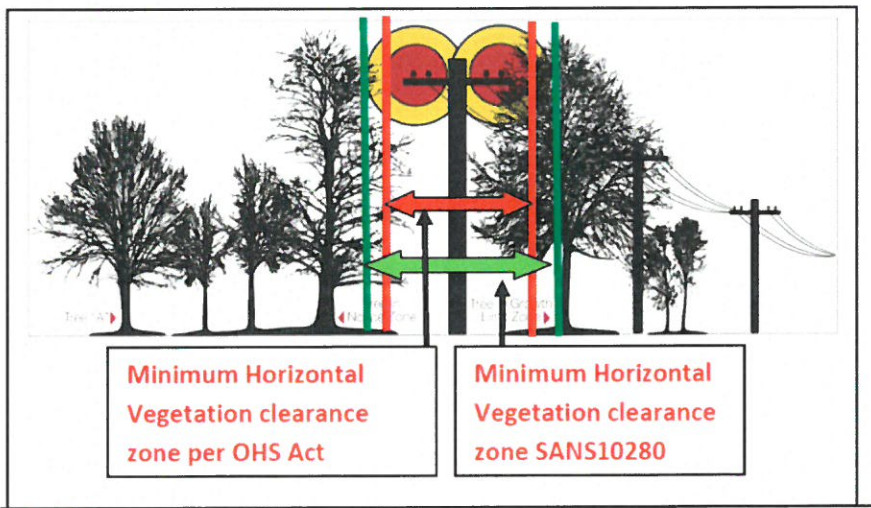
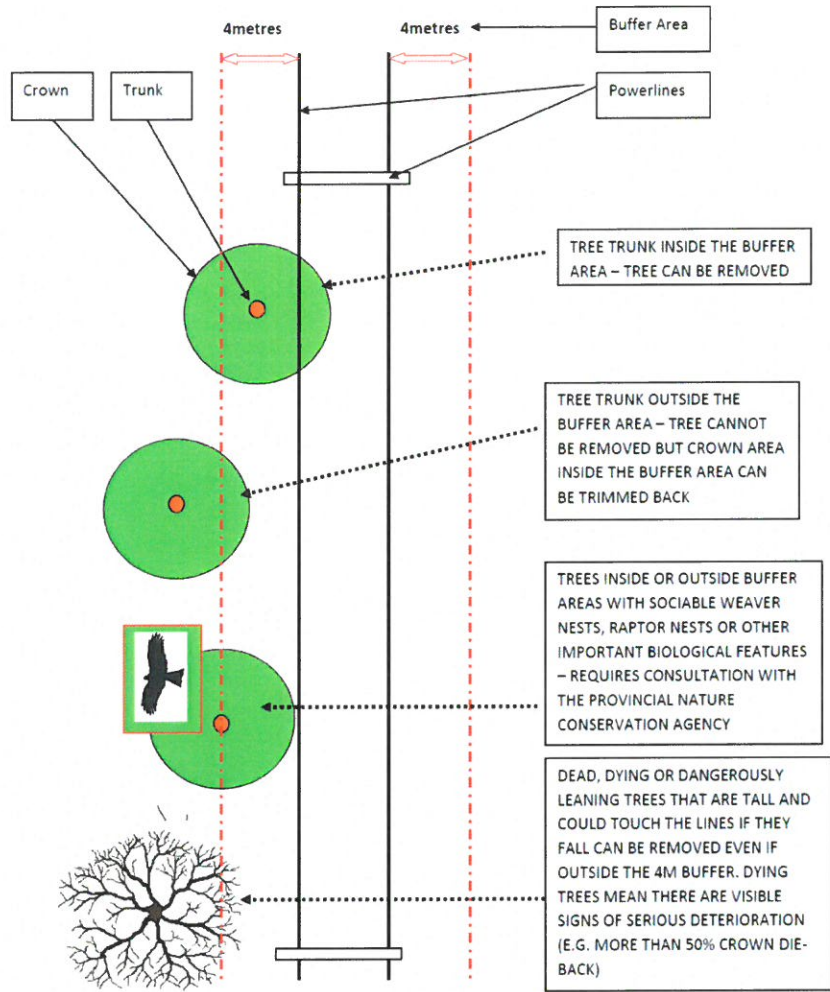


Route Alternative 4	Latitude	Longitude
Starting point of activity	28° 19.461'	23° 21.336'
Middle / Additional point	28° 19.796'	23° 30.493'
End point of activity	28° 19.898'	23° 37.317'

ID	Latitude	Longitude
1	-28,2858591994153	23,3755260275853
2	-28,2928693488008	23,3909929345117
3	-28,2915956330606	23,3926922043034
4	-28,2916806451446	23,3932205649565
5	-28,2790013194928	23,4124757373972
6	-28,2761075961408	23,4362904387359
7	-28,3193019461618	23,4939093220194
8	-28,3268296007954	23,4996173630553
9	-28,330071684266	23,5010674247717
10	-28,3369424598838	23,5342205854433
11	-28,3361926454651	23,5357395164127
12	-28,3426521269564	23,5637722183684
13	-28,3400943418591	23,5717160649752
14	-28,3410007027222	23,5783938244993
15	-28,3381352744181	23,5948034144323
16	-28,3300280204922	23,6081129749492
17	-28,3273106667749	23,6113781262298
18	-28,3258732568849	23,6158210568377
19	-28,3259386227841	23,6182513401048
20	-28,3285015203659	23,6198227281047
21	-28,3289807922277	23,6211186345269
22	-28,3301982012425	23,6218843020738
23	-28,33135831441	23,6224116419587
24	-28,3318312130095	23,6224499871054



The illustrations below are schematic representation indicating when trees can be felled within the buffer area of 4 meters of a powerline wayleave.





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ENQ: Kgomanyane RJ Tel: 053 8072621 Fax: 053 8072621 Email: JuliusKq@daff.gov.za

Dear Ms Jacoline Mans

APPOINTMENT AS ACTING DEPUTY DIRECTOR: FORESTRY MANAGEMENT (OTHER REGIONS) NORTHERN CAPE

In terms of section 32 of the Public Service Act, 1994, I hereby appoint you as the Acting Regional Head: Forestry Management (Other Regions) NC with effect from the 19 December 2017 - 13 January 2018.

During this period of your appointment, you will be responsible for the execution of allocated responsibilities, duties and delegated competences associated with the post. Notwithstanding the provision of Chapter Five of the PFM Act, you will be expected to make decisions on all matters.

Please be notified that your acting does not automatically qualify you for permanent appointment in the position in future

Your cooperation in this regard is highly appreciated


Yours sincerely


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Mr Cyril Ndou
DIRECTOR: FORESTRY MANAGEMENT (OTHER REGIONS)

DATE: 20/12/17

I hereby accept the appointment of Acting Regional Head: Forestry Management (Other Regions) NC with effect from 19 December 2017 to 13 January 2018.


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Ms Jacoline Mans
Chief Forester: NFA Implementation
DATE: 18/12/2017