



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

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AMENDMENT LICENCE IN TERMS OF SECTION 50 AND 158 OF THE NATIONAL WATER ACT, 1998 (ACT NO 36 OF 1998)

I, **Sifiso Mkhize**, in my capacity as Director-General (Acting) in the Department of Water and Sanitation: and acting under authority of the powers delegated to me by the Minister of Water and Sanitation, hereby authorises the amendment of licence dated 05 August 2016, licence no: **07/D73A/CI/4709**

SIGNED: 

DATE: 20/12/2016

The above mentioned licence is amended as follows:

Amendment of the Licensee

1. The Licensee is hereby amended-
 - a by substitution the name of "ACWA Power Solar Reserve Solar Thermal Power Plant RF (Pty) Ltd-Construction of two 132kV power lines" of the following:

"ACWA Power Solar Reserve Solar Thermal Power Plant RF (Pty) Ltd [**Construction of two 132kV power lines**]"

Amendment of Description of the activities

2. Description of the activities is hereby amended-
 - a by substitution the description for the activities of the following:

"The proposed activity entails the construction of two 132kV power lines and associated infrastructure from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project Site. A 30km power line from ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant which will be constructed from Grid to Noko substation to the Olien MTS Substation. Towers 62, 63, 64, 65, 66, 67, 68, 70, 71, 112, 115 and 116 of the power line will be constructed directly within the wetland areas. Towers 61, 69, 72, 96, 97, 98, 100, 101, 102, 103, 107, 108, 109, 113, 114, 117 will be located within the 50m buffer zone of the wetlands. The above-mentioned towers will affect Depression Wetlands and Unchannelled Valley Bottom Wetlands. It is situated within D73A and C92A quaternary catchment in the Lower Vaal Water management".

Amendment of condition 1 of Appendix II

3. Condition 1. of the licence is hereby amended-
 - a by substitution for condition 11 of the following condition:

B 07555

"1.1 This license authorises for the construction of a 30km power line from ACWA Power SolarReserve Redstone Solar Thermal Energy Plant which will be constructed to Olien MTS substation. Towers 62, 63, 64, 65, 66, 67, 68, 70, 71, 112, 115 and 116 of the power line will be constructed directly within the wetland areas. Towers 61, 69, 72, 96, 97, 98, 100, 101, 102, 103, 107, 108, 109, 113, 114, 117 will be located within the 50m buffer zone of the wetlands. The above-mentioned towers will affect Depression Wetlands and Unchannelled Valley Bottom Wetlands as indicated in Table 1.

Table 1: Water use activities

Water use(s) activity	Purpose	Dimensions	Property Description	Tower Co-ordinates	
				Longitude (Start)	Latitude (Start)
Section 21 (c) and (i)					
Construction of Tower 61 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation	Height : 30m Width: 1m Length: 1m	Remaining Extent of Portion 24 of the Farm Carter Block No. 458	E 23° 29' 50.64"	S 28° 19' 26.06"
Construction of Tower 62 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 29' 54.87"	S 28° 19' 31.64"
Construction of Tower 63 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 29' 58.62"	S 28° 19' 36.58"
Construction of Tower 64 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 30' 0.86"	S 28° 19' 41.60"

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RESOURCE PROTECTION AND WASTE
2016 -12- 12
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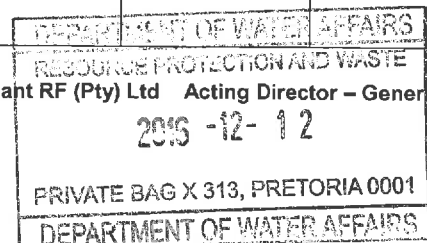
Water use(s) activity	Purpose	Dimension s	Property Description	Tower Co-ordinates	
				Longitude (Start)	Latitude (Start)
Section 21 (c) and (i)					
Construction of Tower 65 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 30' 3.84"	S 28° 19' 48.25"
Construction of Tower 66 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 30' 8.44"	S 28° 19' 49.21"
Construction of Tower 67 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 30' 12.37"	S 28° 19' 50.02"
Construction of Tower 68 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 30' 16.48"	S 28° 19' 50.87"
Construction of Tower 69 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to			E 23° 30' 25.45"	S 28° 19' 52.73"

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Water use(s) activity	Purpose	Dimensions	Property Description	Tower Co-ordinates	
				Longitude (Start)	Latitude (Start)
Section 21 (c) and (i)					
	Olien MTS substation				
Construction of Tower 70 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 30' 34.46"	S 28° 19' 54.60"
Construction of Tower 71 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 30' 43.51"	S 28° 19' 56.48"
Construction of Tower 72 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 30' 52.83"	S 28° 19' 58.41"
Construction of Tower 96 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation		Portion 7 of the Farm Carter Block No. 458	E 23° 34' 18.17"	S 28° 20' 24.33"
Construction of Tower 97 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar			E 23° 34' 26.60"	S 28° 20' 25.48"

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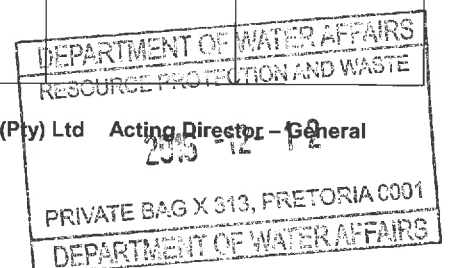
Water use(s) activity	Purpose	Dimension s	Property Description	Tower Co-ordinates	
				Longitude (Start)	Latitude (Start)
Section 21 (c) and (i)					
	Thermal Energy Plant Project to Olien MTS substation				
Construction of Tower 98 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 34' 34.24"	S 28° 20' 26.52"
Construction of Tower 100 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 34' 51.57"	S 28° 20' 25.96"
Construction of Tower 101 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 35' 1.92"	S 28° 20' 24.16"
Construction of Tower 102 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 35' 11.92"	S 28° 20' 22.41"
Construction of Tower 103 within the 50m buffer of	To convey electricity from the ACWA Power Solar			E 23° 35' 21.48"	S 28° 20' 20.74"



Water use(s) activity	Purpose	Dimension s	Property Description	Tower Co-ordinates	
				Longitude (Start)	Latitude (Start)
Section 21 (c) and (i)					
a wetland	Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation				
Construction of Tower 107 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation		Portion 16 of the Farm Carter Block No. 458	E 23° 35' 58.08"	S 28° 20' 7.05"
Construction of Tower 108 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation.			E 23° 36' 6.62"	S 28° 20' 1.85"
Construction of Tower 109 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 36' 14.79"	S 28° 19' 56.87"
Construction of Tower 112 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 36' 35.36"	S 28° 19' 42.93"

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Water use(s) activity	Purpose	Dimension s	Property Description	Tower Co-ordinates	
				Longitude (Start)	Latitude (Start)
Section 21 (c) and (i)					
Construction of Tower 113 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 36' 40.88"	S 28° 19' 38.30"
Construction of Tower 114 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 36' 49.00"	S 28° 19' 35.69"
Construction of Tower 115 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation		Remaining Extend of Portion 4 of the Farm 300	E 23° 36' 56.95"	S 28 19' 33.14"
Construction of Tower 116 within a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to Olien MTS substation			E 23° 37' 5.70"	S 28 19' 33.38"
Construction of Tower 117 within the 50m buffer of a wetland	To convey electricity from the ACWA Power Solar Reserve Redstone Solar Thermal Energy Plant Project to			E 23° 37' 8.88"	S 28° 19' 38.56"



Water use(s) activity	Purpose	Dimension s	Property Description	Tower Co-ordinates	
				Longitude (Start)	Latitude (Start)
Section 21 (c) and (i)					
	Olien MTS substation				

[END OF LICENCE AMENDMENT]

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