

Private Bag X313, Pretoria, 0001, Sedibeng Building, 185 Francis Baard Street, Pretoria Tel: (012) 336-6817 Fax: (012) 326-4472/ (012) 326-2715

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: 21/12/2016

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-

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a. by substitution for condition 11 of the following condition:

"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	Dimension s	Property Description	Tower Co-ordinates		
				Longitude (Start)	Latitude (Start)	
Section 21 (c)	and (i)	dit di di sa				
Construction of Tower 61 within the 50m buffer of a wetland	To convey electricity from the ACWA	30m	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 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 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				S 28° 19' 41.60" T OF WATER AFROTECTION AND V	

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DEPARTMENT OF WATER AFFAIRS

Water use(s)	Purpose	Dimension	Property	Tower Co-ordinates	
activity		s	Description	Longitude Latitude	
				(Start)	(Start)
Section 21 (c)	and (i)				
Construction	To convey			E 23° 30'	S 28° 19'
of Tower 65	electricity from			3.84"	48.25"
within a	the ACWA				
wetland	Power Solar				
	Reserve				
	Redstone Solar				
	Thermal Energy				
	Plant Project to Olien MTS				
	substation				
Construction	To convey			E 23° 30'	S 28° 19'
of Tower 66	electricity from			8.44"	49.21"
within a	the ACWA			0.11	10.27
wetland	Power Solar				
	Reserve				
	Redstone Solar				
	Thermal Energy				
	Plant Project to Olien MTS				
	substation				
Construction	To convey			E 23° 30'	S 28° 19'
of Tower 67	electricity from			12.37"	50.02"
within a	the ACWA			1	00.02
wetland	Power Solar				
	Reserve				
	Redstone Solar				
	Thermal Energy				
	Plant Project to Olien MTS				
	substation				4.
Construction	To convey			E 23° 30'	S 28° 19'
of Tower 68	electricity from			16.48"	50.87"
within a	the ACWA				
wetland	Power Solar				
	Reserve				
	Redstone Solar Thermal Energy				\$
	Plant Project to				
	Olien MTS				
	substation				
Construction	To convey			E 23° 30'	S 28° 19'
of Tower 69	electricity from			25.45"	52.73"
within the	the ACWA				
50m buffer of a wetland	Power Solar				
a welland	Reserve Redstone Solar				
	Thermal Energy				
	Plant Project to				

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Water use(s)	Purpose	Dimension	Property	Tower Co-ordinates	
activity		S	Description	Longitude	Latitude
				(Start)	(Start)
Section 21 (c)	and (i)				
	Olien MTS				
	substation				
Construction	To convey			E 23° 30'	S 28° 19
of Tower 70	electricity from			34.46"	54.60"
within a	the ACWA				
wetland	Power Solar				
	Reserve				
	Redstone Solar				
	Thermal Energy				
	Plant Project to Olien MTS				
	substation				
Construction	To convey			E 23° 30'	S 28° 19'
of Tower 71	electricity from			43.51"	56.48"
within a	the ACWA			45.51	30.40
wetland	Power Solar				
	Reserve				
	Redstone Solar				
	Thermal Energy				
	Plant Project to				
	Olien MTS				
	substation				
Construction	To convey			E 23° 30'	S 28° 19'
of Tower 72	electricity from			52.83"	58.41"
within the	the ACWA				
50m buffer of a wetland	Power Solar Reserve				
a welland	Redstone Solar				
İ	Thermal Energy				
	Plant Project to				
	Olien MTS				
	substation				
Construction	To convey		Portion 7 of	E 23° 34'	S 28° 20'
of Tower 96	electricity from		the Farm	18.17"	24.33"
within the	the ACWA		Carter Block		
50m buffer of	Power Solar		No. 458		
a wetland	Reserve				
İ	Redstone Solar				
	Thermal Energy				
	Plant Project to				
	Olien MTS substation				
Construction	To convey			E 23° 34'	C 200 001
of Tower 97	electricity from			26.60"	S 28° 20' 25.48"
vithin the	the ACWA			20.00	20.40
0m buffer of	Power Solar				
a wetland	Reserve				
	Redstone Solar				

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Water use(s)			Property	Tower Co-ordinates	
activity	s	S	Description	Longitude Latitude	
				(Start)	(Start)
Section 21 (c)	and (i)				
	Thermal Energy				
	Plant Project to				
	Olien MTS				
	substation				
Construction	To convey	1		E 23° 34'	S 28° 20'
of Tower 98	electricity from			34.24"	26.52"
within the	the ACWA				
50m buffer of	Power Solar				
a wetland	Reserve				
	Redstone Solar				
	Thermal Energy				
	Plant Project to				
	Olien MTS				
	substation				
Construction	To convey			E 23° 34'	S 28° 20'
of Tower 100	electricity from			51.57"	25.96"
within the	the ACWA				
50m buffer of	Power Solar				
a wetland	Reserve				
	Redstone Solar				
	Thermal Energy				
	Plant Project to				
	Olien MTS				
	substation				
Construction	To convey			E 23° 35'	S 28° 20'
of Tower 101	electricity from			1.92"	24.16"
within the	the ACWA				
50m buffer of	Power Solar				
a wetland	Reserve	VIR			
	Redstone Solar				
	Thermal Energy Plant Project to				
	Olien MTS				
	substation				
Construction	To convey			E 23° 35'	S 28° 20'
of Tower 102	electricity from			11.92"	22.41"
within the	the ACWA			17.02	22.71
50m buffer of	Power Solar				
a wetland	Reserve				
	Redstone Solar				
	Thermal Energy				
	Plant Project to				
	Olien MTS				
	substation				
Construction	To convey			E 23° 35'	S 28° 20'
of Tower 103	electricity from			21.48"	20.74"
vithin the	the ACWA				
50m buffer of	Power Solar			SENT OF WATER	Market or a section of the second of the party of the par

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DEPARTMENT OF WATER AFFAIRS

Water use(s)	Purpose Dimension		Property	Tower Co-ordinates	
activity		S	Description	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		j n	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)	Purpose	Dimension	Property	Tower Co-ordinates		
activity	s	S	Description	Longitude		
				(Start)	(Start)	
Section 21 (c)	and (i)					
Construction	To convey			E 23° 36'	S 28° 19'	
of Tower 113	electricity from			40.88"	38.30"	
within the	the ACWA					
50m buffer of a wetland	Power Solar Reserve					
a wellanu	Redstone Solar					
	Thermal Energy					
	Plant Project to					
	Olien MTS					
	substation					
Construction	To convey			E 23° 36'	S 28° 19'	
of Tower 114 within the	electricity from the ACWA			49.00"	35.69"	
50m buffer of	Power Solar					
a wetland	Reserve					
	Redstone Solar					
	Thermal Energy					
	Plant Project to					
	Olien MTS					
Construction	substation To convey		Remaining	E 23° 36'	S 28 19'	
of Tower 115	electricity from		Extend of	56.95"	33.14"	
within a	the ACWA		Portion 4 of	00.50	00.14	
wetland	Power Solar		the Farm 300			
	Reserve		life railii 500			
	Redstone Solar					
	Thermal Energy Plant Project to					
	Olien MTS			_		
	substation					
Construction	To convey			E 23° 37'	S 28 19'	
of Tower 116	electricity from			5.70"	33.38"	
within a	the ACWA					
wetland	Power Solar Reserve					
	Redstone Solar					
	Thermal Energy					
	Plant Project to					
	Olien MTS					
0 1 0	substation					
Construction of Tower 117	To convey			E 23° 37'	S 28° 19'	
within the	electricity from the ACWA			8.88"	38.56"	
50m buffer of	Power Solar					
a wetland	Reserve					
	Redstone Solar	1				
	Thermal Energy		<u> </u>	EPARTMENT OF	MATER AFFAIRS	
	Plant Project to			EPARTMENT OF RESOURCE PROTEC	TION AND WASTE	

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

[END OF LICENCE AMENDMENT]

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