

Department of Energy

Energy Programmes and Projects

Electricity Infrastructure/ Industry Transformation

Presenter : Lebogang Mojanaga

23rd September 2014



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REPUBLIC OF SOUTH AFRICA

Bid Window 1

REIPPPP Projects Status Update

BW1 projects that have reached Commercial Operation Date

Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
RustMo1	North West	6.93	Solar PV	25°44'2.41"S 27°24'57.67"E

Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Hopefield	Western Cape	65.4	Onshore Wind	Y:56,328 X:3.662.975
Dassiesklip Wind Energy Facility	Western Cape	27	Onshore Wind	-34.22961041°N +19.38437759°E
Total		92.4 MW		



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Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
MetroWind (Van Standens)	Eastern Cape	27	Onshore Wind	33°57'44.200"S 25°14'56.480"E
Jeffreys Bay Wind Farm	Eastern Cape	135.11	Onshore Wind	-33°59'46.49"S 24°50'37.96"E
Total		162.11 MW		



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Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Konkoonsies Solar	Northern Cape	9.65	Solar PV	-28.886133 19.553941
Kalkbult Solar Park	Northern Cape	72.4	Solar PV	30°09'38.7052"S 24°08'08.7081"E
Droogfontein Solar Power	Northern Cape	45.4	Solar PV	28°38'000"S 24°43'919"E
Aries Solar	Northern Cape	9.65	Solar PV	-29.49116 20.790461
De Aar Solar Power	Northern Cape	45.6	Solar PV	28°36'57.12"S 24°44'52.96"E
Herbert PV Power Plant	Northern Cape	19.9	Solar PV	29.003583 S23.802972 E



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Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Greefspan PV Power Plant	Northern Cape	9.9	Solar PV	-29.392307'S 23.309981'E
Lesedi	Northern Cape	64	Solar PV	28°17'7.19"S 23°21'49.50"
Mulilo De Aar	Northern Cape	10	Solar PV	30°37'40.44"S 24°0'19.63"E
Noblesfontein	Northern Cape	73.8	Onshore Wind	31°42'57.2"S 023°10'57.2"E
Kathu Solar Energy Facility	Northern Cape	75	Solar PV	27°36'1.8"S 22°54'26.5E
Solar Capital De Aar	Northern Cape	75	Solar PV	30°35'39.93"S 24°6'6391"E
Total		510.3 MW		

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BW1 projects that have reached Commercial Operation Date

Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Letsatsi	Free State	64	Solar PV	28°54'31.57"S 25°55'31.57"

Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Soutpan	Limpopo	27.94	Solar PV	22°59'33.06"S 29°15'5.47"E



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REIPPPP Projects Status Update

Total Capacity (MW) connected to the Grid = 1082.71 MW

Total Capacity(MW) still to be connected to the Grid from BW 1 projects = 333.22 MW

BW1 projects that are on Early Operation / MW confirmed with IPP & ESKOM

Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Dorper Wind Farm	Eastern Cape	97.53	Onshore Wind	31°27'18"S 26°25'46"E
Cookhouse Wind Farm	Eastern Cape	101.5	Onshore Wind	32°44.609'S 25°53.838'E

Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Mulilo Prieska	Northern Cape	20	Solar PV	29°58'3.58"S 22°19'10.86"E



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REIPPPP Projects Status Update

BW2 projects that have reached Commercial Operation Date

Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Linde	Northern Cape	36.8	Solar PV	31°00'10.4"S 024°39'32.0"E
Upington Solar	Northern Cape	8.9	Solar PV	28°23'58.6"S 21°16'3.05"E
Total		45.7 MW		

Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Vredendal	Western Cape	8.8	Solar PV	31°38'11.41"S 18°30'32.00"E



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REIPPPP Projects Status Update

BW2 projects that are on Early Operation / MW confirmed with IPP & ESKOM

Projects	Province	Actual Capacity (MW)	Technology	GPS Coordinates
Dreunberg	Eastern Cape	69.6	Solar PV	30°49'55.8"S 026°12'33.6"E


Total Capacity (MW) connected to the Grid = 124.1 MW

Total Capacity(MW) still to be connected to the Grid from BW 2 projects = 919.76 MW



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With regard to Bid Window 2 projects most projects are at initial construction stage and will be complete around 2016.

However Five (5) IPP's out of nineteen (19) IPP's will reach Commercial Operation Date by the end of 2014.



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Thank You



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