

TRANSMISSION GENERATION CONNECTION CAPACITY ASSESSMENT OF THE 2024 TRANSMISSION NETWORK (GCCA – 2024)

Reference No.: GP_22/52

March 2022

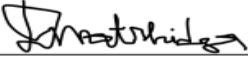

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Date: 30/03/2022	Date: 30/03/2022	Date: 31/03/2022	Date: 31 Mar 2022

Table 3: Hydra cluster summary of results

Hydra 400kV Capacity = 16

Substation	Trfr Size (MVA)	No. of Trfrs	Transformation (kV/kV)	Installed Transformer (MVA)	Load	Solar REIPPP Gen Allocated (MW)	BQ Issued & Valid	Wind REIPPP Gen Allocated (MW)	RMIPPPP (MW)	Transformer Limit (MW)	Substation Limit (MW)
Hydra	240	2	400/132	480	50	319	0	79	0	108	17
	500	1	400/132	500	0	75	0	235	75	90	
	315	2	400/220	630		0	0	0	0	49	0
Roodekuil	125	1	220/132	125	5	0	0	0	0	60	0
Hydra D	500	1	400/132	500	0	0	0	420	0	55	10
Ruigtevallei	250	1	220/132	250	38.93	75	0	0	0	60	0
	20	2	132/66	40	6	0	3.6	0	0	40	