

Table 1: Power Plants connected to the Main Grid and Isolated Mini Grids

Power Plant	Owner	Location	Commissioned Year	Technology	Installed Capacity in MW
KIDATU	TANESCO	Kidatu	1975	Hydro	204
KIHANSI	TANESCO	Kihansi	2000	Hydro	180
KINYEREZI I	TANESCO	Kinyerezi	2016	Natural Gas	150
UBUNGO II	TANESCO	Ubungo	2012	Natural Gas	129
UBUNGO I	TANESCO	Ubungo	2007	Natural Gas	102
MTERA	TANESCO	Mtera	1988	Hydro	80
ISOL GRID TOWNS	TANESCO			Diesel	79
NEW PANGANI FALLS	TANESCO	Korogwe	1995	Hydro	68
KINYEREZI II	TANESCO	Kinyerezi	2018	Natural Gas	168
NYAKATO	TANESCO	Mwanza	2013	Diesel	63
TEGETA	TANESCO	Tegeta	2008	Natural Gas	45
HALE	TANESCO	Korogwe	1970	Hydro	21
NYUMBA YA MUNGU	TANESCO	Kisangara	1970	Hydro	8
SPP- MAIN GRID	SPP			Renewable	16
SPP- ISOL. GRID	SPP			Renewable	7
ZUZU	TANESCO	Dodoma	1982	Diesel	7.40
SONGAS	IPP	Ubungo	2002	Natural Gas	189
TOTAL					1517

As seen in Table 1 above, the Installed Capacity of the country is 1517 MW (status of May 2018) but Peak Maximum Demand attained so far is 1051 MW reached in February 2017.