

GRID AND OFF-GRID POWER PLANTS

PART I MAIN GRID POWER PLANT INSTALLED CAPACITY					
1)	Main Grid Power Plant Owned by TANESCO	Owner	Location	Source	Capacity (MW)
	(a) Hydro				
	1. KIDATU	TANESCO	Kidatu - Morogoro	Hydro	204
	2. KIHANSI	TANESCO	Kihansi - Morogoro	Hydro	180
	3. MTERA	TANESCO	Mtera - Iringa	Hydro	80
	4. NEW PANGANI FALLS	TANESCO	Hale - Tanga	Hydro	68
	5. HALE	TANESCO	Hale - Tanga	Hydro	21
	6. NYUMBA YA MUNGU	TANESCO	Kisangara - Kilimanjaro	Hydro	8
	7. UWEMBA	TANESCO	Uwemba - Njombe	Hydro	0.84
	Sub-Total Hydro				561.84
	(b) Natural Gas				
	1. UBUNGO I	TANESCO	Ubungo - Dar es salaam	Natural Gas	102
	2. TEGETA	TANESCO	Tegeta - Dar es salaam	Natural Gas	45
	3. UBUNGO II	TANESCO	Ubungo - Dar es salaam	Natural Gas	129
	4. KINYEREZI I	TANESCO	Kinyerezi - Dar es salaam	Natural Gas	150
	5. KINYEREZI II	TANESCO	Kinyerezi - Dar es salaam	Natural Gas	248.22
	6. MTWARA	TANESCO	Mtwara	Natural Gas	22
	7. SOMANGA	TANESCO	Somanga - Lindi	Natural Gas	7.5
	Sub-Total Natural Gas				703.72
	(c) IDO/HFO				
	1. NYAKATO	TANESCO	Nyakato - Mwanza	HFO	63
	2. SONGEA	TANESCO	Songea	HFO	7.67
	3. ZUZU	TANESCO	Zuzu - Dodoma	HFO	7.4
	4. BIHARAMULO	TANESCO	Biharamulo - Kagera	HFO	4.14
	5. NGARA	TANESCO	Ngara - Kagera	IDO	2.5
	6. MBINGA	TANESCO	Mbinga - Ruvuma	IDO	2
	7. LUDEWA	TANESCO	Ludewa - Njombe	IDO	1.27
	8. MADABA	TANESCO	Madaba - Ruvuma	IDO	0.48
	9. NAMTUMBO	TANESCO	Namtumbo - Ruvuma	IDO	0.34

	Sub-Total HFO/GO				88.8
	Sub-Total Main Grid Power Plant Owned by TANESCO				1,354.36
2)	Main Grid Power Plant owned by Independent Power Producer (IPP)				
	1. SONGAS	Songas Limited	Ubungo - Dar es salaam	Natural Gas	189
	Sub-Total Main Grid Power Plant owned by IPP				189
3)	Main Grid Small Power Project (SPP) Power Plant				
	a) Hydro				
	1. TULLILA	Tulila Hydro Electric Company Limited	Songea	Hydro	5
	2. MWENGA	Mwenga Hydro Limited	Mufindi	Hydro	4
	3. ANDOYA	Andoya Hydro Electric Power Company Limited	Mbinga	Hydro	1
	4. IYOVI	Yovi Hydro Power Company Limited	Njombe	Hydro	0.95
	5. UWEMBA	Tanzania Electric Supply Company Limited	Uwemba	Hydro	0.84
	6. MATEMBWE	Matembwe Hydro Electric Power Company Limited	Matembwe	Hydro	0.59
	7. DARAKUTA	Darakuta Hydropower Development Co. Ltd	Manyara	Hydro	0.32
	Sub-total hydro (SPP)				12.7
	b) Biomass				
	1. TANWAT	Tanganyika Wattle Company Limited	Njombe	Biomass	1.5
	2. TPC	Tanganyika Planting Company Limited	Kilimanjaro	Biomass	9
	Sub-Total Main Grid SPP				10.5
	Main Grid Small Power Project (SPP) Power Plant				23.2
	TOTAL MAIN GRID POWER PLANT				1,566.56
PART II OFF-GRID POWER PLANT INSTALLED CAPACITY					
	Off-Grid Power Plant owned by TANESCO				
	1. KIGOMA	TANESCO	Kigoma	GO	8.25
	2. MPANDA	TANESCO	Mpanda - Katavi	GO	5.406

3. SUMBAWANGA	TANESCO	Sumbawanga	GO	5
4. LOLIONDO	TANESCO	Loliondo - Arusha	GO	3.75
5. TUNDURU	TANESCO	Tunduru - Ruvuma	GO	2.996
6. BUKOBA	TANESCO	Bukoba	GO	2.56
7. KASULU	TANESCO	Kasulu - Kigoma	GO	2.5
8. KIBONDO	TANESCO	Kibondo - Kigoma	GO	2.5
9. MAFIA	TANESCO	Mafia - Pwani	GO	1.89
10. INYONGA	TANESCO	Inyonga - Katavi	GO	0.476
Sub-Total Off-Grid Power Plant owned by TANESCO				35.328
TOTAL OFF-GRID POWER PLANT				35.328
NATIONAL SYSTEM TOTAL (MAIN GRID & OFF-GRID) INSTALLED CAPACITY				1,601.89