Appendix VI - Head details in the baseline assessment and Power Consumption (LT/LTCT/HT)

Madurai and Thanjavur Region

Sl. No.	Name of scheme	Location	LT/ HT	Type of Pumps	Nos of Pumps	HP	Head in meter	Service Connection No.	Actual annual energy consumption
1	CWSS to Thiruverumbur (Part of Trichy City Corporation), Thuvakudi Municipality, Koothappar TP, 90 Rural Habitations in Thiruverumbur Union and 18 Private Beneficiaries in Trichy District.	Panchakkarai HW in River Kollidam	LTCT	Vertical Turbine Pumpset	2	120x 2	34	62620091302	**713764**
2		Thiruverumbur BS	HT	Centrifugal	2	75 x 2	27	69094420111	**851384**
3	CWSS to 674 habitations in Manappari, Marungapuri Unions and Ponnampatty RTP in Trichy District.	Keelavathiyam	HT	Vertical Turbine Pumpset	2	150x2	59	69094430049	**1663639**
4		Kupachypatty	HT	Centrifugal	2	150x2	55	69094430050	**1339904**
5		Chinnarediyapatti	HT	Centrifugal	2	120 x 2	51	69094430051	**1011780**
6		Pannakombu	HT	Centrifugal	2	100 x 2;	73	69094430121	**434651**
		Pannankombu BS	HT	Centrifugal	2	75 x 2	55		
7		Malayadipatty	HT	Centrifugal	1	90 x 1	41	69094430122	**406867**
9		Puthanatham BS	LTCT	Centrifugal	2	50 x 2	52	6251021531	**75608.4**
10	CWSS to 645 habitations in Thirumanur, Ariyalur, Sendurai , Veppur and Alathur unions in Ariyalur and Perambalur Districts.	Thirumalapadi	HT	Vertical Turbine Pumpset	3	125 x 3	70	69094400068	**992126**
11	CWSS to 645 habitations	Keelapalur Booster	LT	Centrifugal	3	50 x 3	42	63100011577	**415983.2**
12		Kollapuram BS	LT	Centrifugal	1	50 x 1	35	6317005339	**113316.4**
13	CWSS to 227 Habitations	T.Palur	HT	Centrifugal	1	167.5	46	69094400056	**232053**

14	CWSS to 227 Habitations in Andimadam Union 13 Wayside Habitation Jayankondam Union and 10 Habitations in Thirumanur Union in Ariyalur District.	Vaippur	LTCT	Vertical Turbine Pumpset	1	125 x 1	41	6312016558	**258507.6**
15	CWSS to 227 Habitations	Jayankondam	HT	Centrifugal	2	125 x2	57	69094400057	**40810**
	Madurai								
16	20 MGD WSS in Thoothukudi District	Clear water at Manjalneerkayal	HT	Vertical Turbine Pumpset	2	135 x 2	15	79094700014	**1020618**
17		Wash water pumpset @ Manjalneerkayal WTP	HT	HSC Pumpset	2	100 x 2	10		
18		Clear water at SIPCOT booster station	LTCT	Vertical Turbine Pumpset	3	60 x 3	34	7349002337	**0**
19		Raw water at srivaikundam	HT	Vertical Turbine Pumpset	3	400 x 3	43	79094700273	**3341443**
20		TTPS booster station	LT	HSC Pumpset	3	100 X 3	22	7348005529	**355741**
21	CWSS to Manur and 483 rural habitations and sankarankoil Municipality , Thiruvengadam TP , Sivakasi municipal corporation in Tirunelveli , Tenkasi and Virudhunagar District	Vadakkuachampatti	HT	Vertical Turbine Pumpset	3	90 X 3	27	790294720163	**741464**
22		Naluvasankottai	HT	Vertical Turbine Pumpset	4	75 x 2 ;170 x2	170hp-70 75hp-24	790294720164	**1091490**

23		Sirukkankurichi	HT	Vertical Turbine Pumpset	2	170 x2	46	790294720158	**1499792**
24		Alagiapandiapuram	HT	Vertical Turbine Pumpset	3	200 x 3	68	790294720161	**1900148**
25	CWSS to Ayikudi, Achampudur, Vadakarai Kilpidagai, Panpozhi and 151 rural Habitations in Kadayam, Keelapavoor, Thenkasi and Shencottai Union	Sattupathu 180 HP	HT	HSC Pumpset	2	180 x 2	72	79094720184	**1704565**
26	CWSS to Manur and 483 rural habitations and sankarankoil Municipality , Thiruvengadam TP , Sivakasi municipal corporation in Tirunelveli , Tenkasi and Virudhunagar District	Palavoor	HT	Vertical Turbine Pumpset	2	150 x2	45	790294720157	**3265896**
27	CWSS to Ayikudi, Achampudur, Vadakarai Kilpidagai, Panpozhi and 151 rural Habitations in Kadayam, Keelapavoor, Thenkasi and Shencottai Union	Vanjinagar	LT	HSC Pumpset	2	75 x 2	39	70300131434	**230156**
28	CWSS to Ayikudi, Achampudur, Vadakarai Kilpidagai, Panpozhi and 151 rural Habitations in Kadayam, Keelapavoor, Thenkasi and Shencottai Union	Mathalamparai	LT	HSC Pumpset	2	60 x 2	33	70310141313	**261065.7**

29	CWSS to Ayikudi, Achampudur, Vadakarai Kilpidagai, Panpozhi and 151 rural Habitations in Kadayam, Keelapavoor, Thenkasi and Shencottai Union	Vaikalipatti	LT	HSC Pumpset	1	60 x 1	36	7039017688	**558567**
30	CWSS to Ayikudi, Achampudur, Vadakarai Kilpidagai, Panpozhi and 151 rural Habitations in Kadayam, Keelapavoor, Thenkasi and Shencottai Union	Kavoor	LT	HSC Pumpset	2	100x 2	42	7060013743	**582945.6**
31	Shencottai CWSS in Tenkasi district	Pottalpudur	HT	HSC Pumpset	2	175 x 2	70	79094720139	**1482016**
32	Shencottai CWSS in Tenkasi district	Madhapuram	HT	HSC Pumpset	2	175 x 2	66	79094720140	**971736**
33	Shencottai CWSS in Tenkasi district	Oorkadu	HT	HSC Pumpset	2	170 X 2	61	79094720138	**1666864**
34	Shencottai CWSS in Tenkasi district	Courtallam	LT	HSC Pumpset	2	75 x 2	40	7030004545	**355814.4**
35	Kadayanallur - Puliyangudi CWSS in Tenkasi district	Thalaisubramaniapuram	HT	Vertical Turbine Pumpset	2	270 x 2	75	79094720137	**1829072**
36	Kadayanallur - Puliyangudi CWSS in Tenkasi district	Sattupathu 170 HP	HT	HSC Pumpset	2	170 x 2	47	79094720135	**2080647**
37	Kadayanallur - Puliyangudi CWSS in Tenkasi district	Kalingapatti	HT	HSC Pumpset	2	170 x 2	52	79094720133	**957108**
38	Kadayanallur - Puliyangudi CWSS in Tenkasi district	Balaarunchalapuram	LT	HSC Pumpset	2	75 x 2	54	7102007765	**379538.4**

39	Kadayanallur - Puliyangudi CWSS in Tenkasi district	Velayuthapuram	HT	HSC Pumpset	2	150 x 2	61	79094720134	**821969**
40	CWSS to Kayathar, Kalugumalai, Ettayapuram Town Panchayats and Sattur Municipality in Thoothukudi District	Savalaperi	HT	HSC Pumpset	3	100 x3	64	79094700226	**862006**
41	CWSS to Kayathar, Kalugumalai, Ettayapuram Town Panchayats and Sattur Municipality in Thoothukudi District	Seevalaperi	HT	HSC Pumpset	3	100 x 3	51	79094720165	**1897572**
42	CWSS to Kayathar, Kalugumalai, Ettayapuram Town Panchayats and Sattur Municipality in Thoothukudi District	Kayathar booster station	LT	HSC Pumpset	3	50 x 3	30	73050031416	**535156**

Sd /-M.Ganesh, dt.26.08.2025
Chief Engineer(i/c),
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For Chief Engineer,
TWAD Board, Madurai