

Appendix

Table A1: KWH (Units) April 2018

KWH READING T-1								KWH READING T-2							
Sr NO	FEEDER NAME	PRESENT	PREVIOUS	DIFF	MF		TOTAL UNITS	Sr NO	FEEDER NAME	PRESENT	PREVIOUS	DIFF.	MF		TOTAL UNITS
1	INCOMING T-1	87032240	83060165	3972075	01	_____	3972075	1	INCOMING T-2	382790	81924	300866	01	_____	300866
2	DEFENCE ROAD	51129724	49443542	1686182	01	_____	1686182	2	JUBILEE TOWN-1	15044	0	15044	01	_____	15044
3	BUBTIAN CHOWK	20552049	19604335	947714	01	_____	947714	3	JUBILEE TOWN-2	0	0	0	01	_____	0
4	MONOO TEXTILE	10869783	9831011	1038772	01	_____	1038772	4	JUBILEE TOWN-3	167872	0	167872	01	_____	167872
5	SHAMAS BIN IKRAM	7111201	6597325	513876	0.5	_____	256938	5	JUBILEE TOWN-4	104074	0	104074	01	_____	104074
6								6							
7								7							
8															
9	AUXILIARY	106569	103371	3198	1	_____	3198								
T-1								T-2							
Received Units		3972075						Received Units		300866					
Sent Out Units		3932804						Sent Out Units		286990					
Difference		39271						Difference		13876					
% Age		0.99						% Age		4.61					

Table A2: Maximum Load (Ampere) April 2018

T-1												
1		INCOMING T-1	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 75 = 675	465	15:00	25-04-2018	396
2	112701	DEFENCE ROAD	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	250	11:00	04-04-2018	212
3	112703	BUBTIAN CHOWK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	130	20:00	01-04-2018	110
4	112702	MONOO TEXTILE	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	110	20:00	09-04-2018	93
5	112704	SHAMAS BIN IKRAM	SCHNEIDER	FICO	200/400/5	200/5	3 x 500MCM (single core)	3 x 115 = 345	40	17:00	01-04-2018	34
T-2												
1		INCOMING T-2	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 95 = 855	45	17:00	14-04-2018	29
2		JUBILEE TOWN-1	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 110 = 330	5	01:00	27-04-2018	5
3		JUBILEE TOWN-2	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	ON	ON	ON	ON
4		JUBILEE TOWN-3	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	40	20:00	09-04-2018	25
5		JUBILEE TOWN-4	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	20	17:00	14-04-2018	14

Table A3: KWH (Units) May 2018

KWH READING T-1								KWH READING T-2							
Sr NO	FEEDER NAME	PRESENT	PREVIOUS	DIFF	MF		TOTAL UNITS	Sr NO	FEEDER NAME	PRESENT	PREVIOUS	DIFF.	MF		TOTAL UNITS
1	INCOMING T-1	91436492	87032240	4404252	01	_____	4404252	1	INCOMING T-2	877774	382790	494984	01	_____	494984
2	DEFENCE ROAD	53068700	51129724	1938976	01	_____	1938976	2	JUBILEE TOWN-1 MOHILANVAL	94092	15044	79048	01	_____	79048
3	BUBTIAN CHOWK	21859350	20552049	1307301	01	_____	1307301	3	JUBILEE TOWN-2 AB	0	0	0	01	_____	0
4	MONOO TEXTILE	11736714	10869783	866931	01	_____	866931	4	JUBILEE TOWN-3	343026	167872	175154	01	_____	175154
5	SHAMAS BIN IKRAM	7624844	7111201	513643	0.5	_____	256821.5	5	JUBILEE TOWN-4	313809	104074	209735	01	_____	209735
6								6							
7								7							
8															
9	AUXILIARY	111401	106569	4832	1	_____	4832								
T-1								T-2							
Received Units		4404252						Received Units		494984					
Sent Out Units		4374862						Sent Out Units		463937					
Difference		29391						Difference		31047					
% Age		0.67						% Age		6.27					

Table A4: Maximum Load (Ampere) May 2018

T-1												
1		INCOMING T-1	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 75 = 675	530	10:00	23-05-2018	453
2	112701	DEFENCE ROAD	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	260	11:00	24-05-2018	226
3	112703	BUBTIAN CHOWK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	150	20:00	16-05-2018	131
4	112702	MONOO TEXTILE	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	120	10:00	23-05-2018	102
5	112704	SHAMAS BIN IKRAM	SCHNEIDER	FICO	200/400/5	200/5	3 x 500MCM (single core)	3 x 115 = 345	40	10:00	23-05-2018	31
T-2												
1		INCOMING T-2	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 95 = 855	60	21:00	16-05-218	46
2		JUBILEE TOWN-1	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 110 = 330	10	01:00	01-05-2018	9
3		JUBILEE TOWN-2	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	ON	ON	ON	ON
4		JUBILEE TOWN-3	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	25	21:00	16-05-2018	19
5		JUBILEE TOWN-4	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	25	22:00	11-05-2018	21

Table A5: KWH (Units) June 2018

KWH READING T-1								KWH READING T-2							
SL NO	FEEDER NAME	PRESENT	PREVIOUS	DIFF	MF		TOTAL UNITS	SL NO	FEEDER NAME	PRESENT	PREVIOUS	DIFF.	MF		TOTAL UNITS
1	INCOMING T-1	95412873	91436492	3976381	01	_____	3976381	1	INCOMING T-2	1414672	877774	536898	01	_____	536898
2	DEFENCE ROAD	54713120	53068700	1644420	01	_____	1644420	2	(A&B) BLOCK	179701	94092	85609	01	_____	85609
3	BUBTIAN CHOWK	23209786	21859350	1350436	01	_____	1350436	3	MOHALANWAL SCHEME	0	0	0	01	_____	0
4	MONOO TEXTILE	12599754	11736714	863040	01	_____	863040	4	(F&D) BLOCK	540272	343026	197246	01	_____	197246
5	SHAMAS BIN IKRAM	7798128	7624844	173284	0.5	_____	86642	5	(C&E) BLOCK	521979	313809	208170	01	_____	208170
6								6							
7								7							
8															
9	AUXILIARY	116352	111401	4951	1	_____	4951								
T-1								T-2							
Received Units		3976381						Received Units		536898					
Sent Out Units		3949489						Sent Out Units		491025					
Difference		26892						Difference		45873					
% Age		0.68						% Age		8.54					

Table A6: Maximum Load (Ampere) June 2018

T-1													
1		INCOMING T-1	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 75 = 675	560	15:00	04-06-2018	430	
2	112701	DEFENCE ROAD	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	270	11:00	01-06-2018	201	
3	112703	BUBTIAN CHOWK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	175	19:00	08-06-2018	139	
4	112702	MONOO TEXTILE	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	120	09:00	16-06-2018	102	
5	112704	SHAMAS BIN IKRAM	SCHNEIDER	FICO	200/400/5	200/5	3 x 500MCM (single core)	3 x 115 = 345	40	15:00	04-06-2018	18	
T-2													
1		INCOMING T-2	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 95 = 855	65	15:00	04-06-2018	54	
2	112705	(A&B) BLOCK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 110 = 330	10	01:00	01-06-2018	9	
3	112708	MOHALANWAL SCHEME	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	ON	ON	ON	ON	
4	112706	(F&D) BLOCK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	30	21:00	08-06-2018	22	
5	112707	(C&E) BLOCK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	30	15:00	04-06-2018	23	

Table A7: KWH (Units) July 2018

Table A9: KWH (Units) August 2018

KWH READING T-1								KWH READING T-2							
S.N.O	FEEDER NAME	PRESENT	PREVIOUS	DIFF	M.F		TOTAL UNITS	S.N.O	FEEDER NAME	PRESENT	PREVIOUS	DIFF.	M.F		TOTAL UNITS
1	INCOMING T-1	198504	95412873	4785631	01	_____	4785631	1	INCOMING T-2	2001430	1414672	586758	01	_____	586758
2	DEFENCE ROAD	56723775	54713120	2010655	01	_____	2010655	2	(A&B) BLOCK	256878	179701	77177	01	_____	77177
3	BUBTIAN CHOWK	24653688	23209786	1443902	01	_____	1443902	3	MOHALANWAL SCHEME	23720	0	23720	01	_____	23720
4	MONOO TEXTILE	13631510	12599754	1031756	01	_____	1031756	4	(F&D) BLOCK	748852	540272	208580	01	_____	208580
5	SHAMAS BIN IKRAM	8279505	7798128	481377	0.5	_____	240688.5	5	(C&E) BLOCK	739036	521979	217057	01	_____	217057
6								6							
7								7							
8															
9	AUXILIARY	121551	116352	5199	1	_____	5199								
T-1								T-2							
Received Units		4785631						Received Units		586758					
Sent Out Units		4732201						Sent Out Units		526534					
Difference		53431						Difference		60224					
% Age		1.12						% Age		10.26					

Table A10: Maximum Load (Ampere) August 2018

T-1												
1		INCOMING T-1	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 75 = 675	515	11:00	10-07-2018	447
2	112701	DEFENCE ROAD	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	260	10:00	10-07-2018	212
3	112703	BUBTIAN CHOWK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	170	19:00	10-07-2018	138
4	112702	MONOO TEXTILE	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	120	19:00	17-07-2018	95
5	112704	SHAMAS BIN IKRAM	SCHNEIDER	FICO	200/400/5	200/5	3 x 500MCM (single core)	3 x 115 = 345	35	19:00	06-07-2018	26
T-2												
1		INCOMING T-2	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 95 = 855	70	03:00	10-07-2018	55
2	112705	(A&B) BLOCK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 110 = 330	15	01:00	15-07-2018	8
3	112708	MOHALANWAL SCHEME	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	10	01:00	26-07-2018	3
4	112706	(F&D) BLOCK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	30	03:00	10-07-2018	24
5	112707	(C&E) BLOCK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	30	21:00	09-07-2018	23

Table A11: KWH (Units) September 2018

KWH READING T-1								KWH READING T-2							
SP NO	FEEDER NAME	PRESENT	PREVIOUS	DIFF	MF		TOTAL UNITS	SP NO	FEEDER NAME	PRESENT	PREVIOUS	DIFF.	MF		TOTAL UNITS
1	INCOMING T-1	9640367	5047301	4593066	01	_____	4593066 - 4466 = 4588600	1	INCOMING T-2	3174740	2653324	521416	01	_____	521416 + 4466 = 525882
2	DEFENCE ROAD	60321557	58566889	1754668	01	_____	1754668	2	(A&B) BLOCK	256878	256878	0	01	_____	0
3	BUBTIAN CHOWK	27590921	26247727	1343194	01	_____	1343194	3	MOHALANWAL SCHEME	230085	137090	92995	01	_____	92995
4	MONOO TEXTILE	15969691	14801600	1168091	01	_____	1168091	4	(F&D) BLOCK	1172391	984986	187405	01	_____	187405
5	SHAMAS BIN IKRAM	9185285	8632927	552358	0.5	_____	276179	5	(C&E) BLOCK	1181891	987528	194363	01	_____	194363
6								6							
7								7							
8															
9	AUXILIARY	131770	127257	4513	1	_____	4513								
T-1								T-2							
Received Units		4588600						Received Units		525882					
Sent Out Units		4546645						Sent Out Units		474763					
Difference		41955						Difference		51119					
% Age		0.91						% Age		9.72					

Table A12: Maximum Load (Ampere) September 2018

T-1												
1		INCOMING T-1	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 75 = 675	505	15:00	13-09-2018	420
2	112701	DEFENCE ROAD	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	260	10:00	11-09-2018	199
3	112703	BUBTIAN CHOWK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	155	20:00	07-09-2018	130
4	112702	MONOO TEXTILE	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 77 = 231	120	11:00	07-09-2018	103
5	112704	SHAMAS BIN IKRAM	SCHNEIDER	FICO	200/400/5	200/5	3 x 500MCM (single core)	3 x 115 = 345	40	22:00	07-09-2018	28
T-2												
1		INCOMING T-2	SCHNEIDER	FICO	800/1600/5	1600/5	9 x 1000 MCM	9 x 95 = 855	70	01:00	03-09-2018	56
2	112705	(A&B) BLOCK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM (single core)	3 x 110 = 330	on	on	on	ON
3	112708	MOHALANWAL SCHEME	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	15	23:00	11-09-2018	9
4	112706	(F&D) BLOCK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	35	02:00	07-09-2018	26
5	112707	(C&E) BLOCK	SCHNEIDER	FICO	200/400/5	400/5	3 x 500MCM	3 x 110 = 330	30	01:00	03-09-2018	27

Table A13: KWH (Units) April 2022

KWH READING T-1									
	INCOMING T-1	79577460	74494172	5083288	1		5083288	Received units	5083288
1	DEFENCE ROAD	35824333	33802091	2022242	1		2022242	Sent out units	5092349
2	BUBTIAN CHOWK	70012082	68597785	1414297	1		1414297	Difference	-9061
3	MONOO TEXTILE	60116171	58991551	1124620	1		1124620	% Age	-0.18
4	SHAMAS BIN IKRAM	19169524	19067648	101876	0.5		50938		
5	DAWOOD RESIDENCY	2012219	1880986	131233	0.5		65617		
6	INDUS HOSPITAL	858026	452402	405624	1		405624		
7	AUXILIARY	336351	327340	9011	1		9011		
KWH READING T-2									
	INCOMING T-2	28795804	27598514	1197290	1		1197290	Received units	1197290
1	(A&B) BLOCK	274063	274063	0	0.5		0	Sent out units	1205878
2	MOHALANWAL SCHEME	8256571	7873721	382850	0.5		191425	Difference	-8588
3	(F&D) BLOCK	16406667	15542935	863732	0.5		431866	% Age	-0.72
4	(C&E) BLOCK	17336310	16468421	867889	0.5		433945		
5	ARMY WELFARE TRUST	1705585	1408300	297285	0.5		148643		
6									
7	AUXILIARY								

Table A14: Maximum Load (Ampere) April 2022

T-1 & T-2												
Sr No:	FEEDER CODE	FEEDER CATEGORY	11 KV INCOMING/ FEEDERS NAME	PANEL MAKE	C.T. RATIO		CABLE		MAXIMUM LOAD			P.F
					AVAILABLE	CONNECT	SIZE	LENGTH	LOAD	DATE	TIME	
			INCOMING T-1	SCHNEIDER	800/1600/5	3	3 x 1000 MCM	9 x 75 = 675	580	09-04-2022	11:00	0.96
1	112701	INDUSTRUAL DOMINATED	DEFENCE ROAD	SCHNEIDER	200/400/5	4	500MCM	3 x 77 = 231	255	08-04-2022	12:00	0.89
2	112703	DOMESTIC	BUBTIAN CHOWK	SCHNEIDER	200/400/5	400/5	500MCM	3 x 77 = 231	160	27-04-2022	21:00	0.93
3	112702	INDEPENDENT	MONOO TEXTILE	SCHNEIDER	200/400/5	1	500MCM	3 x 77 = 231	150	10-04-2022	14:00	0.92
4	112704	INDEPENDENT	SHAMAS BIN IKRAM	SCHNEIDER	200/400/5	200/5	500MCM	3 x 115 = 345	30	12-04-2022	01:00	0.92
5	112709	DOMESTIC	DAWOOD RESIDENCY	SCHNEIDER	200/400/5	200/5	500MCM	3 x 100 = 300	15	12-04-2022	01:00	0.82
6	STILL AWATED	INDEPENDENT HOSPITAL	INDUS HOSPITAL	SCHNEIDER	200/400/5	400/5	500MCM	3 x 100 = 300	40	07-04-2022	16:00	0.99
			INCOMING T-2	SCHNEIDER	800/1600/5	1600/5	3 x 1000 MCM	9 x 95 = 855	135	12-04-2022	23:00	0.98
1	112705	DOMESTIC	(A&B) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	ON	ON	ON	####
2	112708	DOMESTIC	MOHALANWAL SCHEME	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	20	02-04-2022	17:00	0.90
3	112706	DOMESTIC	(F&D) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	50	27-04-2022	16:00	0.91
4	112707	DOMESTIC	(C&E) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	50	27-04-2022	10:00	0.90
5	112710	DOMESTIC	ARMY WELFARE TRUST	PEL	200/400/5	200/5	500MCM	3 x 105 = 315	20	12-04-2022	20:00	0.92
6												
7												

Table A15: KWH (Units) May 2022

KWH READING T-1									
	INCOMING T-1	84590808	79577460	5013348	1		5013348	Received units	5013348
1	DEFENCE ROAD	37524152	35824333	1699819	1		1699819	Sent out units	5016215
2	BUBTIAN CHOWK	71524380	70012082	1512298	1		1512298	Difference	-2867
3	MONOO TEXTILE	61409333	60116171	1293162	1		1293162	% Age	-0.06
4	SHAMAS BIN IKRAM	19187437	19169524	17913	0.5		8957		
5	DAWOOD RESIDENCY	2152456	2012219	140237	0.5	4100	4100+70119=74219		
6	INDUS HOSPITAL	1260675	858026	402649	1	15900	15900+402649=418549		
7	AUXILIARY	345562	336351	9211	1		9211		
KWH READING T-2									
	INCOMING T-2	30277527	28795804	1481723	1		1481723	Received units	1481723
1	(A&B) BLOCK	274063	274063	0	0.5		0	Sent out units	1495234
2	MOHALANWAL SCHEME	8715690	8256571	459119	0.5		229560	Difference	-13511
3	(F&D) BLOCK	17483159	16406667	1076492	0.5		538246	% Age	-0.91
4	(C&E) BLOCK	18427093	17336310	1090783	0.5		545392		
5	ARMY WELFARE TRUST	2069659	1705585	364074	0.5		182037		
6									
7	AUXILIARY								

Table A16: Maximum Load (Ampere) May 2022

T-1 & T-2												
Sr No:	FEEDER CODE	FEEDER CATEGORY	11 KV INCOMING/ FEEDERS NAME	PANEL MAKE	C.T. RATIO		CABLE		MAXIMUM LOAD			P.F
					AVAILABLE	CONNECT	SIZE	LENGTH	LOAD	DATE	TIME	
			INCOMING T-1	SCHNEIDER	800/1600/5	3	3 x 1000 MCM	9 x 75 = 675	570	10-05-2022	14:00	0.96
1	112701	INDUSTRUAL DOMINATED	DEFENCE ROAD	SCHNEIDER	200/400/5	4	500MCM	3 x 77 = 231	280	16-05-2022	15:00	0.89
2	112703	DOMESTIC	BUBTIAN CHOWK	SCHNEIDER	200/400/5	400/5	500MCM	3 x 77 = 231	170	12-05-2022	16:00	0.93
3	112702	INDEPENDENT	MONOO TEXTILE	SCHNEIDER	200/400/5	1	500MCM	3 x 77 = 231	150	06-05-2022	19:00	0.91
4	112704	INDEPENDENT	SHAMAS BIN IKRAM	SCHNEIDER	200/400/5	200/5	500MCM	3 x 115 = 345	5	20-05-2022	15:00	0.68
5	112709	DOMESTIC	DAWOOD RESIDENCY	SCHNEIDER	200/400/5	200/5	500MCM	3 x 100 = 300	15	20-05-2022	14:00	0.87
6	STILL AWATED	INDEPENDENT HOSPITAL	INDUS HOSPITAL	SCHNEIDER	200/400/5	400/5	500MCM	3 x 100 = 300	40	03-05-2022	12:00	0.99
			INCOMING T-2	SCHNEIDER	800/1600/5	1600/5	3 x 1000 MCM	9 x 95 = 855	180	21-05-2022	01:00	1.00
1	112705	DOMESTIC	(A&B) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	ON	ON	ON	1.00
2	112708	DOMESTIC	MOHALANWAL SCHEME	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	30	12-05-2022	21:00	0.92
3	112706	DOMESTIC	(F&D) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	80	09-05-2022	15:00	0.94
4	112707	DOMESTIC	(C&E) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	70	21-05-2022	01:00	0.92
5	112710	DOMESTIC	ARMY WELFARE TRUST	PEL	200/400/5	200/5	500MCM	3 x 105 = 315	20	12-05-2022	20:00	0.94
6												
7												

Table A17: KWH (Units) June 2022

KWH READING T-1									
	INCOMING T-1	89738376	84590808	5147568	1		5147568	Received units	5147568
1	DEFENCE ROAD	39422260	37524152	1898108	1		1898108	Sent out units	5148703
2	BUBTIAN CHOWK	72910697	71524380	1386317	1		1386317	Difference	-1135
3	MONOO TEXTILE	62670600	61409333	1261267	1		1261267	% Age	-0.02
4	SHAMAS BIN IKRAM	19221686	19187437	34249	0.5		17125		
5	DAWOOD RESIDENCY	2308738	2152456	156282	0.5		78141		
6	INDUS HOSPITAL	1758891	1260675	498216	1		498216		
7	AUXILIARY	355091	345562	9529	1		9529		
KWH READING T-2									
	INCOMING T-2	31747740	30277527	1470213	1		1470213	Received units	1470213
1	(A&B) BLOCK	274063	274063	0	0.5		0	Sent out units	1480711
2	MOHALANWAL SCHEME	9184443	8715690	468753	0.5		234377	Difference	-10498
3	(F&D) BLOCK	18556471	17483159	1073312	0.5		536656	% Age	-0.71
4	(C&E) BLOCK	19499383	18427093	1072290	0.5		536145		
5	ARMY WELFARE TRUST	2416725	2069659	347066	0.5		173533		
6									
7	AUXILIARY								

Table A18: Maximum Load (Ampere) June 2022

T-1 & T-2												
Sr No:	FEEDER CODE	FEEDER CATEGORY	11 KV INCOMING/ FEEDERS NAME	PANEL MAKE	C.T. RATIO		CABLE		MAXIMUM LOAD			P.F
					AVAILABLE	CONNECT	SIZE	LENGTH	LOAD	DATE	TIME	
			INCOMING T-1	SCHNEIDER	800/1600/5	3	3 x 1000 MCM	9 x 75 = 675	625	07-06-2022	12:00	0.96
1	112701	INDUSTRIAL DOMINATED	DEFENCE ROAD	SCHNEIDER	200/400/5	4	500MCM	3 x 77 = 231	290	14-06-2022	11:00	0.90
2	112703	DOMESTIC	BUBTIAN CHOWK	SCHNEIDER	200/400/5	400/5	500MCM	3 x 77 = 231	170	14-06-2022	18:00	0.93
3	112702	INDEPENDENT	MONOO TEXTILE	SCHNEIDER	200/400/5	1	500MCM	3 x 77 = 231	160	07-06-2022	13:00	0.90
4	112704	INDEPENDENT	SHAMAS BIN IKRAM	SCHNEIDER	200/400/5	200/5	500MCM	3 x 115 = 345	10	01-06-2022	18:00	0.80
5	112709	DOMESTIC	DAWOOD RESIDENCY	SCHNEIDER	200/400/5	200/5	500MCM	3 x 100 = 300	15	04-06-2022	01:00	0.88
6	STILL AWATED	INDEPENDENT HOSPITAL	INDUS HOSPITAL	SCHNEIDER	200/400/5	400/5	500MCM	3 x 100 = 300	50	26-06-2022	22:00	0.98
			INCOMING T-2	SCHNEIDER	800/1600/5	1600/5	3 x 1000 MCM	9 x 95 = 855	190	10-06-2022	04:00	1.00
1	112705	DOMESTIC	(A&B) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	ON	ON	ON	####
2	112708	DOMESTIC	MOHALANWAL SCHEME	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	30	12-06-2022	01:00	0.93
3	112706	DOMESTIC	(F&D) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	80	06-06-2022	02:00	0.95
4	112707	DOMESTIC	(C&E) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	80	10-06-2022	03:00	0.93
5	112710	DOMESTIC	ARMY WELFARE TRUST	PEL	200/400/5	200/5	500MCM	3 x 105 = 315	20	01-06-2022	20:00	0.95
6												
7												

Table A19: KWH (Units) July 2022

KWH READING T-1									
	INCOMING T-1	94665038	89738376	4926662	1		4926662	Received units	4926662
1	DEFENCE ROAD	41083292	39422260	1661032	1		1661032	Sent out units	4911626
2	BUBTIAN CHOWK	74397021	72910697	1486324	1		1486324	Difference	15036
3	MONOO TEXTILE	63831095	62670600	1160495	1		1160495	% Age	0.31
4	SHAMAS BIN IKRAM	19279861	19221686	58175	0.5		29088		
5	DAWOOD RESIDENCY	2455615	2308738	146877	0.5		73439		
6	INDUS HOSPITAL	2251378	1758891	492487	1		492487		
7	AUXILIARY	363853	355091	8762	1		8762		
KWH READING T-2									
	INCOMING T-2	33221756	31747740	1474016	1		1474016	Received units	1474016
1	(A&B) BLOCK	274063	274063	0	0.5		0	Sent out units	1484375
2	MOHALANWAL SCHEME	9638323	9184443	453880	0.5		226940	Difference	-10359
3	(F&D) BLOCK	19633858	18556471	1077387	0.5		538694	% Age	-0.70
4	(C&E) BLOCK	20584521	19499383	1085138	0.5		542569		
5	SPRING APARTMENTS	244	0	244	1		244		
6	ARMY WELFARE TRUST	2768582	2416725	351857	0.5		175928.5		
7	AUXILIARY								

Table A20: Maximum Load (Ampere) July 2022

T-1 & T-2												
Sr No:	FEEDER CODE	FEEDER CATEGORY	11 KV INCOMING/ FEEDERS NAME	PANEL MAKE	C.T. RATIO		CABLE		MAXIMUM LOAD			P.F
					AVAILABLE	CONNECT	SIZE	LENGTH	LOAD	DATE	TIME	
			INCOMING T-1	SCHNEIDER	800/1600/5	3	3 x 1000 MCM	9 x 75 = 675	650	05-07-2022	12:00	0.96
1	112701	INDUSTRIAL DOMINATED	DEFENCE ROAD	SCHNEIDER	200/400/5	4	500MCM	3 x 77 = 231	290	01-07-2022	11:00	0.90
2	112703	DOMESTIC	BUBTIAN CHOWK	SCHNEIDER	200/400/5	400/5	500MCM	3 x 77 = 231	170	05-07-2022	12:00	0.93
3	112702	INDEPENDENT	MONOO TEXTILE	SCHNEIDER	200/400/5	1	500MCM	3 x 77 = 231	160	02-07-2022	18:00	0.90
4	112704	INDEPENDENT	SHAMAS BIN IKRAM	SCHNEIDER	200/400/5	200/5	500MCM	3 x 115 = 345	30	05-07-2022	22:00	0.85
5	112709	DOMESTIC	DAWOOD RESIDENCY	SCHNEIDER	200/400/5	200/5	500MCM	3 x 100 = 300	10	01-07-2022	11:00	0.86
6	STILL AWATED	INDEPENDENT HOSPITAL	INDUS HOSPITAL	SCHNEIDER	200/400/5	400/5	500MCM	3 x 100 = 300	50	01-07-2022	17:00	0.98
			INCOMING T-2	SCHNEIDER	800/1600/5	1600/5	3 x 1000 MCM	9 x 95 = 855	205	19-07-2022	23:00	1.00
1	112705	DOMESTIC	(A&B) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	ON	ON	ON	####
2	112708	DOMESTIC	MOHALANWAL SCHEME	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	35	05-07-2022	01:00	0.91
3	112706	DOMESTIC	(F&D) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	80	04-07-2022	14:00	0.94
4	112707	DOMESTIC	(C&E) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	70	05-07-2022	11:00	0.93
5	112712	DOMESTIC	SPRING APARTMENTS	SCHNEIDER	200/400/5	400/5	500MCM	3 x 100 = 300	1	30-07-2022	01:00	1.00
6	112710	DOMESTIC	ARMY WELFARE TRUST	PEL	200/400/5	200/5	500MCM	3 x 105 = 315	20	01-07-2022	09:00	0.95
7												

Table A21: KWH (Units) August 2022

KWH READING T-1									
	INCOMING T-1	99725739	94665038	5060701	1		5060701	Received units	5060701
1	DEFENCE ROAD	42928325	41083292	1845033	1		1845033	Sent out units	5060398
2	BUBTIAN CHOWK	75945108	74397021	1548087	1		1548087	Difference	303
3	MONOO TEXTILE	64808969	63831095	977874	1		977874	% Age	0.01
4	SHAMAS BIN IKRAM	19399625	19279861	119764	0.5		59882		
5	DAWOOD RESIDENCY	2613335	2455615	157720	0.5		78860		
6	INDUS HOSPITAL	2792417	2251378	541039	1		541039		
7	AUXILIARY	373476	363853	9623	1		9623		
KWH READING T-2									
	INCOMING T-2	34805106	33221756	1583350	1		1583350	Received units	1583350
1	(A&B) BLOCK	274063	274063	0	0.5		0	Sent out units	1594560
2	MOHALANWAL SCHEME	10135614	9638323	497291	0.5		248646	Difference	-11210
3	(F&D) BLOCK	20792897	19633858	1159039	0.5		579520	% Age	-0.71
4	(C&E) BLOCK	21729851	20584521	1145330	0.5		572665		
5	SPRING APARTMENTS	4438	244	4194	1		4194		
6	ARMY WELFARE TRUST	3147654	2768582	379072	0.5		189536		
7	AUXILIARY								

Table A22: Maximum Load (Ampere) August 2022

T-1 & T-2												
Sr No:	FEEDER CODE	FEEDER CATEGORY	11 KV INCOMING/ FEEDERS NAME	PANEL MAKE	C.T. RATIO		CABLE		MAXIMUM LOAD			P.F
					AVAILABLE	CONNECT	SIZE	LENGTH	LOAD	DATE	TIME	
			INCOMING T-1	SCHNEIDER	800/1600/5	3	3 x 1000 MCM	9 x 75 = 675	570	23-08-2022	10:00	0.97
1	112701	INDUSTRIAL DOMINATED	DEFENCE ROAD	SCHNEIDER	200/400/5	4	500MCM	3 x 77 = 231	260	24-08-2022	15:00	0.90
2	112703	DOMESTIC	BUBTIAN CHOWK	SCHNEIDER	200/400/5	400/5	500MCM	3 x 77 = 231	170	02-08-2022	20:00	0.93
3	112702	INDEPENDENT	MONOO TEXTILE	SCHNEIDER	200/400/5	1	500MCM	3 x 77 = 231	160	23-08-2022	09:00	0.92
4	112704	INDEPENDENT	SHAMAS BIN IKRAM	SCHNEIDER	200/400/5	200/5	500MCM	3 x 115 = 345	25	17-08-2022	19:00	0.95
5	112709	DOMESTIC	DAWOOD RESIDENCY	SCHNEIDER	200/400/5	200/5	500MCM	3 x 100 = 300	10	02-08-2022	23:00	0.87
6	STILL AWATED	INDEPENDENT HOSPITAL	INDUS HOSPITAL	SCHNEIDER	200/400/5	400/5	500MCM	3 x 100 = 300	50	03-08-2022	16:00	0.98
			INCOMING T-2	SCHNEIDER	800/1600/5	1600/5	3 x 1000 MCM	9 x 95 = 855	195	02-08-2022	23:00	1.00
1	112705	DOMESTIC	(A&B) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	ON	ON	ON	####
2	112708	DOMESTIC	MOHALANWAL SCHEME	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	35	04-08-2022	23:00	0.91
3	112706	DOMESTIC	(F&D) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	75	02-08-2022	23:00	0.94
4	112707	DOMESTIC	(C&E) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	70	02-08-2022	23:00	0.93
5	112712	DOMESTIC	SPRING APARTMENTS	SCHNEIDER	200/400/5	400/5	500MCM	3 x 100 = 300	ON	ON	ON	1.00
6	112710	DOMESTIC	ARMY WELFARE TRUST	PEL	200/400/5	200/5	500MCM	3 x 105 = 315	20	03-08-2022	01:00	0.94
7												

Table A23: KWH (Units) September 2022

KWH READING T-1									
	INCOMING T-1	103995192	99725739	4269453	1		4269453	Received units	4269453
1	DEFENCE ROAD	44624229	42928325	1695904	1		1695904	Sent out units	4254946
2	BUBTIAN CHOWK	77278833	75945108	1333725	1		1333725	Difference	14507
3	MONOO TEXTILE	65490834	64808969	681865	1		681865	% Age	0.34
4	SHAMAS BIN IKRAM	19434458	19399625	34833	0.5		17417		
5	DAWOOD RESIDENCY	2750806	2613335	137471	0.5		68736		
6	INDUS HOSPITAL	3241307	2792417	448890	1		448890		
7	AUXILIARY	381886	373476	8410	1		8410		
KWH READING T-2									
	INCOMING T-2	36156647	34805106	1351541	1		1351541	Received units	1351541
1	(A&B) BLOCK	274063	274063	0	0.5		0	Sent out units	1361744
2	MOHALANWAL SCHEME	10572096	10135614	436482	0.5		218241	Difference	-10203
3	(F&D) BLOCK	21751601	20792897	958704	0.5		479352	% Age	-0.75
4	(C&E) BLOCK	22712658	21729851	982807	0.5		491404		
5	SPRING APARTMENTS	9415	4438	4977	1		4977		
6	ARMY WELFARE TRUST	3483195	3147654	335541	0.5		167770.5		
7	AUXILIARY								

Table A24: Maximum Load (Ampere) September 2022

T-1 & T-2												
Sr No:	FEEDER CODE	FEEDER CATEGORY	11 KV INCOMING/ FEEDERS NAME	PANEL MAKE	C.T. RATIO		CABLE		MAXIMUM LOAD			P.F
					AVAILABLE	CONNECT	SIZE	LENGTH	LOAD	DATE	TIME	
			INCOMING T-1	SCHNEIDER	800/1600/5	3	3 x 1000 MCM	9 x 75 = 675	545	07-09-2022	10:00	0.96
1	112701	INDUSTRIAL DOMINATED	DEFENCE ROAD	SCHNEIDER	200/400/5	4	500MCM	3 x 77 = 231	270	10-09-2022	16:00	0.90
2	112703	DOMESTIC	BUBTIAN CHOWK	SCHNEIDER	200/400/5	400/5	500MCM	3 x 77 = 231	160	07-09-2022	18:00	0.93
3	112702	INDEPENDENT	MONOO TEXTILE	SCHNEIDER	200/400/5	1	500MCM	3 x 77 = 231	120	06-09-2022	10:00	0.89
4	112704	INDEPENDENT	SHAMAS BIN IKRAM	SCHNEIDER	200/400/5	200/5	500MCM	3 x 115 = 345	15	22-09-2022	14:00	0.85
5	112709	DOMESTIC	DAWOOD RESIDENCY	SCHNEIDER	200/400/5	200/5	500MCM	3 x 100 = 300	10	07-09-2022	01:00	0.85
6	STILL AWATED	INDEPENDENT HOSPITAL	INDUS HOSPITAL	SCHNEIDER	200/400/5	400/5	500MCM	3 x 100 = 300	40	10-09-2022	12:00	0.98
			INCOMING T-2	SCHNEIDER	800/1600/5	1600/5	3 x 1000 MCM	9 x 95 = 855	170	20-09-2022	23:00	1.00
1	112705	DOMESTIC	(A&B) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	ON	ON	ON	####
2	112708	DOMESTIC	MOHALANWAL SCHEME	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	30	13-09-2022	23:00	0.90
3	112706	DOMESTIC	(F&D) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	60	13-09-2022	24:00	0.93
4	112707	DOMESTIC	(C&E) BLOCK	SCHNEIDER	200/400/5	200/5	500MCM	3 x 110 = 330	60	14-09-2022	22:00	0.92
5	112712	DOMESTIC	SPRING APARTMENTS	SCHNEIDER	200/400/5	400/5	500MCM	3 x 100 = 300	5	01-09-2022	01:00	1.00
6	112710	DOMESTIC	ARMY WELFARE TRUST	PEL	200/400/5	200/5	500MCM	3 x 105 = 315	20	10-09-2022	01:00	0.94
7												

First, we take 21 Years data in which the 16.5 years data should be trained, and the remaining should be tested data.