FORECASTED LOAD DEMAND AND TRANSFORMER RATING												
PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS	
					A	B	C	D	E	F	G	
CLUSTER-C												
	C1, C8, & C9	LT PANEL-1	A	BUILDING-1							As per mail received from client on 30-11-2015 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK	
				1 BHK FLATS (UNITS)	51	6.5	331.50	0.8	0.25	66.30		
				2 BHK FLATS (UNITS)	25	10	250.00	0.8	0.25	50.00		
			B	BUILDING-8								
				1 BHK FLATS (UNITS)	25	6.5	162.50	0.8	0.25	32.50		
				2 BHK FLATS (UNITS)	63	10	630.00	0.8	0.25	126.00		
			C	BUILDING-9								
				1 BHK FLATS (UNITS)	51	6.5	331.50	0.8	0.25	66.30		
				2 BHK FLATS (UNITS)	38	10	380.00	0.8	0.25	76.00		
			D	OFP-1								
				LIFT	6	15	90.00	1	0.8	72.00		
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY	
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12		
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20		
				TOILET SHAFT LIGHTING	3	3.6	10.80	0.4	1	4.32		
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY	
				DOMESTIC BOOSTER PUMP	3	3	9.00	0.8	1	7.20		
				EXTERNAL LIGHTING LOAD	3	5	15.00	0.8	1	12.00		
			E	STREET LIGHTING LOAD	1	22.5	22.50	1	1	22.50	Assumed as per mail received on 30-11-2015	
			F	UGT, Flushing Panel No 1	1	51	51.00	0.5	1	25.50		
			G	UGT1, Pumping Panel No 1	1	75	75.00	0.5	1	37.50		
			H	UGT1, Fire Panel No1	1	192	12.00	0.5	1	6.00		
			TOTAL CONNECTED LOAD (kW)				2624.90			638		
			TOTAL MAXIMUM DEMAND (kW)				638					
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				709.38					
			TRANSFORMER RATING SELECTED (kVA)				1250.00					
			Transformer Selected :				1 x 1250 kVA					
			TRANSFORMER LOADING (%)				*57%*					
	C2, C7, & C10	LT PANEL-2	A	BUILDING-2							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK	
				1 BHK FLATS (UNITS)	132	6.5	858.00	0.8	0.25	171.60		
				2 BHK FLATS (UNITS)	38	10	380.00	0.8	0.25	76.00		
			B	BUILDING-7								
				1 BHK FLATS (UNITS)	119	6.5	773.50	0.8	0.25	154.70		
				2 BHK FLATS (UNITS)	63	10	630.00	0.8	0.25	126.00		
			C	BUILDING-10								
				1 BHK FLATS (UNITS)	119	6.5	773.50	0.8	0.25	154.70		
				2 BHK FLATS (UNITS)	38	10	380.00	0.8	0.25	76.00		
			D	OFP-2								
				LIFT	6	15	90.00	1	0.8	72.00		
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY	
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12		
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20		
				TOILET SHAFT LIGHTING	3	3.6	10.80	0.4	1	4.32		
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY	
				DOMESTIC BOOSTER PUMP	3	3	9.00	0.8	1	7.20		
				EXTERNAL LIGHTING LOAD	3	5	15.00	0.8	1	12.00		
			E	UGT, Flushing Panel No 2	1	51	51.00	0.5	1	25.50		
			TOTAL CONNECTED LOAD (kW)				4044.90			914.34		
			TOTAL MAXIMUM DEMAND (kW)				914.34					
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1015.93					
			TRANSFORMER RATING SELECTED (kVA)				1250.00					
			Transformer Selected :				1 x 1250 kVA					
			TRANSFORMER LOADING (%)				*81%*					

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
SECTOR-10 AT LODHA	C3, C6 & C11	LT PANEL-3	A	BUILDING-3							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	132	6.5	858.00	0.8	0.25	171.60	
				2 BHK FLATS (UNITS)	38	10	380.00	0.8	0.25	76.00	
			B	BUILDING-6							
				1 BHK FLATS (UNITS)	119	6.5	773.50	0.8	0.25	154.70	
				2 BHK FLATS (UNITS)	63	10	630.00	0.8	0.25	126.00	
			C	BUILDING-11							
				1 BHK FLATS (UNITS)	119	6.5	773.50	0.8	0.25	154.70	
				2 BHK FLATS (UNITS)	38	10	380.00	0.8	0.25	76.00	
			D	OFP-3							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	3	9.00	0.8	1	7.20	
				EXTERNAL LIGHTING LOAD	3	5	15.00	0.8	1	12.00	
			E	UGT1, Pumping Panel No 2	1	75	75.00	0.5	1	37.50	
			F	UGT1, Fire Panel No.2	1	192	12.00	0.5	1	6.00	
				TOTAL CONNECTED LOAD (kW)			4260.90			932.34	
				TOTAL MAXIMUM DEMAND (kW)			932.34				
				TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)			1035.93				
				TRANSFORMER RATING SELECTED (kVA)			1250.00				
				Transformer Selected :			1 x 1250 kVA				
				TRANSFORMER LOADING (%)			*83%*				
	C4, C5, & C12	LT PANEL-4	A	BUILDING-4							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	103	6.5	669.50	0.8	0.25	133.90	
				2 BHK FLATS (UNITS)	25	10	250.00	0.8	0.25	50.00	
			B	BUILDING-5							
				1 BHK FLATS (UNITS)	51	6.5	331.50	0.8	0.25	66.30	
				2 BHK FLATS (UNITS)	89	10	890.00	0.8	0.25	178.00	
			C	BUILDING-12							
				1 BHK FLATS (UNITS)	51	6.5	331.50	0.8	0.25	66.30	
				2 BHK FLATS (UNITS)	63	10	630.00	0.8	0.25	126.00	
			D	OFP-4							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	3	9.00	0.8	1	7.20	
				EXTERNAL LIGHTING LOAD	3	5	15.00	0.8	1	12.00	
			E	UGT1, Pumping Panel No 2	1	75	75.00	0.5	1	37.50	
			F	UGT1, Fire Panel No.2	1	192	12.00	0.5	1	6.00	
				TOTAL CONNECTED LOAD (kW)			3568.40			793.84	
				TOTAL MAXIMUM DEMAND (kW)			793.84				
				TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)			882.04				
				TRANSFORMER RATING SELECTED (kVA)			1250.00				
				Transformer Selected :			1 x 1250 kVA				
				TRANSFORMER LOADING (%)			*71%*				
			A	BUILDING-13							As per mail received from client on 16-
				1 BHK FLATS (UNITS)	51	6.5	331.50	0.8	0.25	66.30	
				2 BHK FLATS (UNITS)	89	10	890.00	0.8	0.25	178.00	

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
	C13, C20, & C21	LT PANEL-5	B	BUILDING-20							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	51	6.5	331.50	0.8	0.25	66.30	
				2 BHK FLATS (UNITS)	89	10	890.00	0.8	0.25	178.00	
			C	BUILDING-21							
				1 BHK FLATS (UNITS)	103	6.5	669.50	0.8	0.25	133.90	
				2 BHK FLATS (UNITS)	25	10	250.00	0.8	0.25	50.00	
			D	OFP-5							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	3	9.00	0.8	1	7.20	
				EXTERNAL LIGHTING LOAD	3	5	15.00	0.8	1	12.00	
			E	SHOPS LOAD	1	50	50.00	1	1	50.00	
			F	STREET LIGHTING LOAD	1	22.5	22.50	1	1	22.50	Assumed as per mail received on 30-11-2015
			G	UGT, Flushing Panel No 3	1	51	51.00	0.5	1	25.50	
			H	UGT1, Pumping Panel No 3	2	75	150.00	0.5	1	75.00	
			I	UGT1, Fire Panel No 3	2	384	24	0.5	1	12.00	
			TOTAL CONNECTED LOAD (kW)				4219			987.34	
			TOTAL MAXIMUM DEMAND (kW)				987				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1097				
			TRANSFORMER RATING SELECTED (kVA)				1250				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*88%*				
	C14, C19, & C22	LT PANEL-6	A	BUILDING-14							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	119	6.5	773.50	0.8	0.25	154.70	
				2 BHK FLATS (UNITS)	63	10	630.00	0.8	0.25	126.00	
			B	BUILDING-19							
				1 BHK FLATS (UNITS)	119	6.5	773.50	0.8	0.25	154.70	
				2 BHK FLATS (UNITS)	63	10	630.00	0.8	0.25	126.00	
			C	BUILDING-22							
				1 BHK FLATS (UNITS)	158	6.5	1027.00	0.8	0.25	205.40	
				2 BHK FLATS (UNITS)	38	10	380.00	0.8	0.25	76.00	
			D	OFP-6							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	3	9.00	0.8	1	7.20	
				EXTERNAL LIGHTING LOAD	3	5	15.00	0.8	1	12.00	
			TOTAL CONNECTED LOAD (kW)				4413			972.64	
			TOTAL MAXIMUM DEMAND (kW)				972.64				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1080.71				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*86%*				
			A	BUILDING-15							As per mail received from client on 16-
				1 BHK FLATS (UNITS)	119	6.5	773.50	0.8	0.25	154.70	
				2 BHK FLATS (UNITS)	63	10	630.00	0.8	0.25	126.00	

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
	C15, C16 & C18	LT PANEL-7	B	BUILDING-16							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	77	6.5	500.50	0.8	0.25	100.10	
				2 BHK FLATS (UNITS)	63	10	630.00	0.8	0.25	126.00	
			C	BUILDING-18							
				1 BHK FLATS (UNITS)	145	6.5	942.50	0.8	0.25	188.50	
				2 BHK FLATS (UNITS)	88	10	880.00	0.8	0.25	176.00	
			D	OFP-7							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	3	9.00	0.8	1	7.20	
				EXTERNAL LIGHTING LOAD	3	5	15.00	0.8	1	12.00	
				TOTAL CONNECTED LOAD (kW)			4555.40			1001.14	
				TOTAL MAXIMUM DEMAND (kW)			1001.14				
				TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)			1112.38				
				TRANSFORMER RATING SELECTED (kVA)			1250.00				
				Transformer Selected :			1 x 1250 kVA				
				TRANSFORMER LOADING (%)			*89%*				
	STP	STP PANEL	A	STP PANEL-2(CLUSTER-C, PH-1)	1	335	335.00	0.85	1	285	
			B	STP (PH-II)	1	298	298.00	0.85	1	253	
			C	STP (PH-III)	1	275	275.00	0.85	1	234	
				TOTAL CONNECTED LOAD (kW)			908.00			771.80	
				TOTAL MAXIMUM DEMAND (kW)			771.80				
				TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)			857.56				
				TRANSFORMER RATING SELECTED (kVA)			1000.00				
				Transformer Selected :			1 x 1000 kVA				
				TRANSFORMER LOADING (%)			*86%*				
				TOTAL CONNECTED LOAD(KW) FOR (CLUSTER-C EWS)			28594.30				
				TOTAL MAXIMUM DEMAND (kW) FOR (CLUSTER-C EWS)			7011.88				
				TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)) FOR (CLUSTER-C E			7790.98				
CLUSTER-B											
	B23, B29 & B30	LT PANEL-8	A	BUILDING-23							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	95	6.5	617.50	0.8	0.25	123.50	
				2 BHK FLATS (UNITS)	23	10	230.00	0.8	0.25	46.00	
			B	BUILDING-29							
				1 BHK FLATS (UNITS)	47	6.5	305.50	0.8	0.25	61.10	
				2 BHK FLATS (UNITS)	82	10	820.00	0.8	0.25	164.00	
			C	BUILDING-30							
				1 BHK FLATS (UNITS)	47	6.5	305.50	0.8	0.25	61.10	
				2 BHK FLATS (UNITS)	82	10	820.00	0.8	0.25	164.00	
			D	OFP-8							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
			E	UGT1, Pumping Panel No 1	2	75	150.00	0.5	1	75.00	
			F	UGT1, Fire Panel No1	2	192	24.00	0.5	1	12.00	
			TOTAL CONNECTED LOAD (kW)				3637.60			838.10	
			TOTAL MAXIMUM DEMAND (kW)				838.10				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				931.22				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*74%*				
	B24, B28 & B31	LT PANEL-9	A	BUILDING-24							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	123	6.5	799.50	0.8	0.25	159.90	
				2 BHK FLATS (UNITS)	35	10	350.00	0.8	0.25	70.00	
			B	BUILDING-28							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			C	BUILDING-31							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			D	OFP-9							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			E	UGT, Flushing Panel No 2	1	51	51.00	0.5	1	25.50	
			TOTAL CONNECTED LOAD (kW)				4000.60			907.40	
			TOTAL MAXIMUM DEMAND (kW)				907.40				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1008.22				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*81%*				
	B26, B27 & B32	LT PANEL-10	A	BUILDING-26							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	99	6.5	643.50	0.8	0.25	128.70	
				2 BHK FLATS (UNITS)	59	10	590.00	0.8	0.25	118.00	
			B	BUILDING-27							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	82	10	820.00	0.8	0.25	164.00	
			C	BUILDING-32							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			D	OFP-10							
				LIFT	4	15	60.00	1	0.8	48.00	
				LIFT WELL PRESSURIZATION FAN	2	4	8.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	2	8.8	17.60	0.8	1	14.08	
				CC LIGHTING (EMERGENCY)	2	4.4	8.80	1	1	8.80	
				TOILET SHAFT LIGHGTING	2	3.6	7.20	0.4	1	2.88	
				FIRE BOOSTER PUMP	2	7.5	15.00	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	2	2.4	4.80	0.8	1	3.84	
				EXTERNAL LIGHTING LOAD	2	5	10.00	1	1	10.00	

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
SECTOR-10 AT LODHA			E	UGT1, Pumping Panel No 3	2	75	150.00	0.5	1	75.00	
			F	UGT1, Fire Panel No 3	2	384	24	0.5	1	12.00	
			TOTAL CONNECTED LOAD (kW)				4741.90			989.90	
			TOTAL MAXIMUM DEMAND (kW)				989.90				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1099.89				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*88%*				
	B25 & B33	LT PANEL-11	A	BUILDING-25							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	147	6.5	955.50	0.8	0.25	191.10	
				2 BHK FLATS (UNITS)	107	10	1070.00	0.8	0.25	214.00	
			B	BUILDING-33							
				1 BHK FLATS (UNITS)	123	6.5	799.50	0.8	0.25	159.90	
				2 BHK FLATS (UNITS)	59	10	590.00	0.8	0.25	118.00	
			C	OFP-11							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			D	UGT, Flushing Panel No 2	2	51	102.00	0.5	1	51.00	
			TOTAL CONNECTED LOAD (kW)				3714.10			865.40	
			TOTAL MAXIMUM DEMAND (kW)				865.40				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				961.56				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*77%*				
	B34, B41 & B42	LT PANEL-12	A	BUILDING-34							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	147	6.5	955.50	0.8	0.25	191.10	
				2 BHK FLATS (UNITS)	59	10	590.00	0.8	0.25	118.00	
			B	BUILDING-41							
				1 BHK FLATS (UNITS)	171	6.5	1111.50	0.8	0.25	222.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			C	BUILDING-42							
				1 BHK FLATS (UNITS)	221	6.5	1436.50	0.8	0.25	287.30	
				2 BHK FLATS (UNITS)	23	10	230.00	0.8	0.25	46.00	
			TOTAL CONNECTED LOAD (kW)				4903.50			980.70	
			TOTAL MAXIMUM DEMAND (kW)				980.70				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1089.67				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*87%*				
			A	BUILDING-35							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			B	BUILDING-40							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			C	BUILDING-43							
				1 BHK FLATS (UNITS)	117	6.5	760.50	0.8	0.25	152.10	
				2 BHK FLATS (UNITS)	35	10	350.00	0.8	0.25	70.00	

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
	B35, B40 & B43	LT PANEL-13	D	OFP-13							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			E	UGT, Flushing Panel No 3	2	51	102.00	0.5	1	51.00	
			F	UGT1, Pumping Panel No 6	2	75	150.00	0.5	1	75.00	
			G	UGT1, Fire Panel No 6	2	384	24.00	0.5	1	12.00	
			TOTAL CONNECTED LOAD (kW)				4546.60			1012.10	
			TOTAL MAXIMUM DEMAND (kW)				1012.10				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1124.56				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*90%*				
	B36, B39 & B44	LT PANEL-14	A	BUILDING-36							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			B	BUILDING-39							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			C	BUILDING-44							
				1 BHK FLATS (UNITS)	117	6.5	760.50	0.8	0.25	152.10	
				2 BHK FLATS (UNITS)	35	10	350.00	0.8	0.25	70.00	
			D	OFP-14							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			E	UGT1, Pumping Panel No 7	1	75	75.00	0.5	1	37.50	
			F	UGT1, Fire Panel No 7	1	192	12.00	0.5	1	6.00	
			TOTAL CONNECTED LOAD (kW)				4177.60			917.60	
			TOTAL MAXIMUM DEMAND (kW)				917.60				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1019.56				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*82%*				
			A	BUILDING-37							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	47	6.5	305.50	0.8	0.25	61.10	
				2 BHK FLATS (UNITS)	82	10	820.00	0.8	0.25	164.00	
			B	BUILDING-38							
				1 BHK FLATS (UNITS)	47	6.5	305.50	0.8	0.25	61.10	
				2 BHK FLATS (UNITS)	82	10	820.00	0.8	0.25	164.00	
			C	BUILDING-45							
				1 BHK FLATS (UNITS)	91	6.5	591.50	0.8	0.25	118.30	
				2 BHK FLATS (UNITS)	23	10	230.00	0.8	0.25	46.00	

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
	B37, B38 & B45	LT PANEL-15	D	OFP-12							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			E	OFP-15							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			F	UGT1, Pumping Panel No 8	1	75	75.00	0.5	1	37.50	
			G	UGT1, Fire Panel No 8	1	192	12.00	0.5	1	6.00	
				TOTAL CONNECTED LOAD (kW)			3733.70			920.80	
				TOTAL MAXIMUM DEMAND (kW)			920.80				
				TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)			1023.11				
				TRANSFORMER RATING SELECTED (kVA)			1250.00				
				Transformer Selected :			1 x 1250 kVA				
				TRANSFORMER LOADING (%)			*82%*				
				TOTAL CONNECTED LOAD(KW) FOR (CLUSTER-B EWS)			33455.60				
				TOTAL MAXIMUM DEMAND (kW) FOR (CLUSTER-B EWS)			7432.00				
				TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)) FOR (CLUSTER-B E			8257.78				
CLUSTER-A											
	A46, A47, A54 & A55	LT PANEL-16	A	BUILDING-46							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	91	6.5	591.50	0.8	0.25	118.30	
				2 BHK FLATS (UNITS)	23	10	230.00	0.8	0.25	46.00	
			B	BUILDING-47							
				1 BHK FLATS (UNITS)	117	6.5	760.50	0.8	0.25	152.10	
				2 BHK FLATS (UNITS)	35	10	350.00	0.8	0.25	70.00	
			C	BUILDING-54							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	83	10	830.00	0.8	0.25	166.00	
			D	BUILDING-55							
				1 BHK FLATS (UNITS)	95	6.5	617.50	0.8	0.25	123.50	
				2 BHK FLATS (UNITS)	23	10	230.00	0.8	0.25	46.00	
			E	OFP-16A							
				LIFT	4	15	60.00	1	0.8	48.00	
				LIFT WELL PRESSURIZATION FAN	2	4	8.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	2	8.8	17.60	0.8	1	14.08	
				CC LIGHTING (EMERGENCY)	2	4.4	8.80	1	1	8.80	
				TOILET SHAFT LIGHGTING	2	3.6	7.20	0.4	1	2.88	
				FIRE BOOSTER PUMP	2	7.5	15.00	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	2	2.4	4.80	0.8	1	3.84	
				EXTERNAL LIGHTING LOAD	2	5	10.00	1	1	10.00	
				TOTAL CONNECTED LOAD (kW)			4462.40			953.80	
				TOTAL MAXIMUM DEMAND (kW)			953.80				
				TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)			1059.78				
				TRANSFORMER RATING SELECTED (kVA)			1250.00				
				Transformer Selected :			1 x1250kVA				
				TRANSFORMER LOADING (%)			*85%*				

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
	A48, A53 & A56	LT PANEL-17	A	BUILDING-48							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	117	6.5	760.50	0.8	0.25	152.10	
				2 BHK FLATS (UNITS)	35	10	350.00	0.8	0.25	70.00	
			B	BUILDING-53							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			C	BUILDING-56							
				1 BHK FLATS (UNITS)	147	6.5	955.50	0.8	0.25	191.10	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			D	OFP-17							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			E	UGT1, Pumping Panel No 2	2	75	150.00	0.5	1	75.00	
			F	UGT1, Fire Panel No2	2	384	24.00	0.5	1	12.00	
			TOTAL CONNECTED LOAD (kW)				4678.60			1007.90	
			TOTAL MAXIMUM DEMAND (kW)				1007.90				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1119.89				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*90%*				
	A49, A52 & A57	LT PANEL-18	A	BUILDING-49							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	117	6.5	760.50	0.8	0.25	152.10	
				2 BHK FLATS (UNITS)	35	10	350.00	0.8	0.25	70.00	
			B	BUILDING-52							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			C	BUILDING-57							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			D	OFP-18							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			E	UGT, Flushing Panel No 1	1	51	51.00	0.5	1	25.50	
			F	UGT1, Pumping Panel No 3	1	75	75.00	0.5	1	37.50	
			G	UGT1, Fire Panel No3	1	192	12.00	0.5	1	6.00	
			TOTAL CONNECTED LOAD (kW)				4228.60			943.10	
			TOTAL MAXIMUM DEMAND (kW)				943.10				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1047.89				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*84%*				

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
SECTOR-10 AT LODHA	A50, A51 & A58	LT PANEL-19	A	BUILDING-50							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	73	6.5	474.50	0.8	0.25	94.90	
				2 BHK FLATS (UNITS)	35	10	350.00	0.8	0.25	70.00	
			B	BUILDING-51							
				1 BHK FLATS (UNITS)	99	6.5	643.50	0.8	0.25	128.70	
				2 BHK FLATS (UNITS)	59	10	590.00	0.8	0.25	118.00	
			C	BUILDING-58							
				1 BHK FLATS (UNITS)	123	6.5	799.50	0.8	0.25	159.90	
				2 BHK FLATS (UNITS)	59	10	590.00	0.8	0.25	118.00	
			D	OFP-19							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			E	OFP-16B							
				LIFT	4	15	60.00	1	0.8	48.00	
				LIFT WELL PRESSURIZATION FAN	2	4	8.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	2	8.8	17.60	0.8	1	14.08	
				CC LIGHTING (EMERGENCY)	2	4.4	8.80	1	1	8.80	
				TOILET SHAFT LIGHGTING	2	3.6	7.20	0.4	1	2.88	
				FIRE BOOSTER PUMP	2	7.5	15.00	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	2	2.4	4.80	0.8	1	3.84	
				EXTERNAL LIGHTING LOAD	2	5	10.00	1	1	10.00	
			F	SHOPS LOAD	1	50	50.00	1	1	50.00	PROVISION ONLY
			G	UGT1, Pumping Panel No 4	1	75	75.00	0.5	1	37.50	
			H	UGT1, Fire Panel No 4	1	192	12.00	0.5	1	6.00	
			TOTAL CONNECTED LOAD (kW)				4093.00			1002.00	
			TOTAL MAXIMUM DEMAND (kW)				1002.00				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1113.33				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*89%*				
	A59, A60 & A63	LT PANEL-20	A	BUILDING-59							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	159	6.5	1033.50	0.8	0.25	206.70	
				2 BHK FLATS (UNITS)	35	10	350.00	0.8	0.25	70.00	
			B	BUILDING-60							
				1 BHK FLATS (UNITS)	111	6.5	721.50	0.8	0.25	144.30	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			C	BUILDING-63							
				1 BHK FLATS (UNITS)	135	6.5	877.50	0.8	0.25	175.50	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			D	OFP-20							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	

PROJECT	CLUSTER	MLTP No.	WING	TYPE OF DEVELOPMENT	NO. OF UNITS	CONNECTED LOAD (KW)	TOTAL CONNECTED LOAD (KW) (C=A*B)	DIVERSITY FACTOR AT DB LVL.	DIVERSITY FACTOR	MAXIMUM DEMAND (KW) (F=C*D*E)	REMARKS
					A	B	C	D	E	F	G
			E	UGT1, Pumping Panel No 5	1	75	75.00	0.5	1	37.50	
			F	UGT1, Fire Panel No 5	1	192	12.00	0.5	1	6.00	
			TOTAL CONNECTED LOAD (kW)				4606.60			997.40	
			TOTAL MAXIMUM DEMAND (kW)				997.40				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1108.22				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*89%*				
	A61, A62 & A64	LT PANEL-21	A	BUILDING-61							As per mail received from client on 16-12-2014 connected load per flat is taken as 6.5kW for 1BHK and 10kW for 2BHK
				1 BHK FLATS (UNITS)	135	6.5	877.50	0.8	0.25	175.50	
				2 BHK FLATS (UNITS)	58	10	580.00	0.8	0.25	116.00	
			B	BUILDING-62							
				1 BHK FLATS (UNITS)	47	6.5	305.50	0.8	0.25	61.10	
				2 BHK FLATS (UNITS)	83	10	830.00	0.8	0.25	166.00	
			C	BUILDING-64							
				1 BHK FLATS (UNITS)	119	6.5	773.50	0.8	0.25	154.70	
				2 BHK FLATS (UNITS)	23	10	230.00	0.8	0.25	46.00	
			D	OFP-21							
				LIFT	6	15	90.00	1	0.8	72.00	
				LIFT WELL PRESSURIZATION FAN	3	4	12.00	1	1		IN CASE OF FIRE ONLY
				CC LIGHTING (NORMAL)	3	8.8	26.40	0.8	1	21.12	
				CC LIGHTING (EMERGENCY)	3	4.4	13.20	1	1	13.20	
				TOILET SHAFT LIGHGTING	3	3.6	10.80	0.4	1	4.32	
				FIRE BOOSTER PUMP	3	7.5	22.50	1	1		IN CASE OF FIRE ONLY
				DOMESTIC BOOSTER PUMP	3	2.4	7.20	0.8	1	5.76	
				EXTERNAL LIGHTING LOAD	3	5	15.00	1	1	15.00	
			E	UGT, Flushing Panel No 3	2	51	102.00	0.5	1	51.00	
			F	UGT1, Pumping Panel No 6	1	75	75.00	0.5	1	37.50	
			G	UGT1, Fire Panel No 6	1	192	12.00	0.5	1	6.00	
			TOTAL CONNECTED LOAD (kW)				4162.60			945.20	
			TOTAL MAXIMUM DEMAND (kW)				945.20				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)				1050.22				
			TRANSFORMER RATING SELECTED (kVA)				1250.00				
			Transformer Selected :				1 x 1250 kVA				
			TRANSFORMER LOADING (%)				*84%*				
			TOTAL CONNECTED LOAD(KW) FOR (CLUSTER-B EWS)				26231.80				
			TOTAL MAXIMUM DEMAND (kW) FOR (CLUSTER-B EWS)				5849.40				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)) FOR (CLUSTER-B E				6499.33				
			TOTAL CONNECTED LOAD(KW) FOR EWS				88281.70				
			TOTAL MAXIMUM DEMAND (kW) FOR EWS				20293.28				
			TOTAL MAXIMUM DEMAND (kVA) (0.9 PF)) FOR EWS				22548.09				