"Red de Distribución de Energía Eléctrica
Ubicado en La Localidad de Tzaquiviljok., Municipio de Tenejapa(Ampliación)

CUADRO DE TRANSFORMADORES

No. DE TRANSF.	UBICACION DE LA OBRA	No. DE POSTE	MARCA	No. DE SERIE	No. ECONOMICO	FECHA DE FABRICACION	IMPEDANCIA %	PESO KGS.	LIQUIDO AISLANTE	RELACION VOLTAJE	USUARIOS NUEVOS	USUARIOS EXIST.	TOTAL DE USUARIOS	KVA POR USUARIO	SUMA KVA.	FASES A	FASES B	FASES C	KVA. TOTAL	KW. TOTAL	CAP. DEL TRANSF.	% DE UTILIZACION	COORDENADAS (UTM) X	COORDENADAS (UTM) Y
T-1	LOC. TZAQUIVIL.-JOK	15								220-127	14		14	0.70	9.80	4.90		4.90	9.80	8.82	10 KVA. 2Ø	98.00 %	556299.0508	1863968.2381
T-2	LOC. TZAQUIVIL.-JOK	20								220-127	14		14	0.70	9.80		4.90	4.90	9.80	8.82	10 KVA. 2Ø	98.00 %	556262.0508	1863775.2381
T-3	LOC. TZAQUIVIL.-JOK	27								220-127	21		21	0.70	14.70		7.35	7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	556398.0508	1863836.2381
T-4	LOC. TZAQUIVIL.-JOK	30								220-127	14		14	0.70	9.80	4.90	4.90		9.80	8.82	10 KVA. 2Ø	98.00 %	556393.0508	1863668.2381
T-5	LOC. TZAQUIVIL.-JOK	33								220-127	14		14	0.70	9.80	4.90	4.90		9.80	8.82	10 KVA. 2Ø	98.00 %	556447.0508	1863908.2381
T-6	LOC. TZAQUIVIL.-JOK	38								220-127	21		21	0.70	14.70	7.35		7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	556665.0508	1863785.2381
T-7	LOC. TZAQUIVIL.-JOK	43								220-127	35		35	0.70	24.50	12.25		12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	556704.0508	1863615.2381
T-8	LOC. TZAQUIVIL.-JOK	49								220-127	35		35	0.70	24.50		12.25	12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	556609.0508	1863452.2381
T-9	LOC. TZAQUIVIL.-JOK	54								220-127	21		21	0.70	14.70		7.35	7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	556665.0508	1863335.2381
T-10	LOC. TZAQUIVIL.-JOK	62								220-127	21		21	0.70	14.70		7.35	7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	556497.0508	1863516.2381
T-11	LOC. TZAQUIVIL.-JOK	69								220-127	35		35	0.70	24.50	12.25		12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	556788.0508	1863504.2381
T-12	LOC. TZAQUIVIL.-JOK	75								220-127	35		35	0.70	24.50	12.25		12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	556663.0508	1863555.2381
T-13	LOC. TZAQUIVIL.-JOK	82								220-127	21		21	0.70	14.70	7.35	7.35		14.70	13.23	15 KVA. 2Ø	98.00 %	557002.0508	1863402.2381
T-14	LOC. TZAQUIVIL.-JOK	86								220-127	21		21	0.70	14.70	7.35	7.35		14.70	13.23	15 KVA. 2Ø	98.00 %	556923.0508	1863346.2381
T-15	LOC. TZAQUIVIL.-JOK	91								220-127	21		21	0.70	14.70		7.35	7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	556946.0508	1863219.2381
T-16	LOC. TZAQUIVIL.-JOK	92								220-127	14		14	0.70	9.80	4.90	4.90		9.80	8.82	10 KVA. 2Ø	98.00 %	556830.0508	1863148.2381
T-17	LOC. TZAQUIVIL.-JOK	99								220-127	14		14	0.70	9.80	4.90	4.90		9.80	8.82	10 KVA. 2Ø	98.00 %	557147.0508	1863360.2381
T-18	LOC. TZAQUIVIL.-JOK	103								220-127	35		35	0.70	24.50	12.25		12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	557257.0508	1863376.2381
T-19	LOC. TZAQUIVIL.-JOK	110								220-127	21		21	0.70	14.70	7.35	7.35		14.70	13.23	15 KVA. 2Ø	98.00 %	557462.0508	1863356.2381
T-20	LOC. TZAQUIVIL.-JOK	113								220-127	35		35	0.70	24.50		12.25	12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	557554.0508	1863415.2381
T-21	LOC. TZAQUIVIL.-JOK	121								220-127	21		21	0.70	14.70	7.35		7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	557739.0508	1863327.2381
T-22	LOC. TZAQUIVIL.-JOK	124								220-127	35		35	0.70	24.50	12.25		12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	557690.0508	1863475.2381
T-23	LOC. TZAQUIVIL.-JOK	129								220-127	35		35	0.70	24.50	12.25	12.25		24.50	22.05	25 KVA. 2Ø	98.00 %	557073.0508	1863569.2381
T-24	LOC. TZAQUIVIL.-JOK	135								220-127	35		35	0.70	24.50	12.25	12.25		24.50	22.05	25 KVA. 2Ø	98.00 %	557203.0508	1863590.2381
T-25	LOC. TZAQUIVIL.-JOK	142								220-127	35		35	0.70	24.50		12.25	12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	557410.0508	1863602.2381
T-26	LOC. TZAQUIVIL.-JOK	149								220-127	35		35	0.70	24.50		12.25	12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	557646.0508	1863620.2381
T-27	LOC. TZAQUIVIL.-JOK	153								220-127	35		35	0.70	24.50	12.25		12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	557227.0508	1863683.2381
T-28	LOC. TZAQUIVIL.-JOK	156								220-127	21		21	0.70	14.70	7.35	7.35		14.70	13.23	15 KVA. 2Ø	98.00 %	557192.0508	1863816.2381
T-29	LOC. TZAQUIVIL.-JOK	160								220-127	21		21	0.70	14.70	7.35	7.35		14.70	13.23	15 KVA. 2Ø	98.00 %	557326.0508	1863758.2381
T-30	LOC. TZAQUIVIL.-JOK	163								220-127	21		21	0.70	14.70	7.35	7.35		14.70	13.23	15 KVA. 2Ø	98.00 %	557460.0508	1863716.2381
T-31	LOC. TZAQUIVIL.-JOK	169								220-127	35		35	0.70	24.50		12.25	12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	557432.0508	1863875.2381
T-32	LOC. TZAQUIVIL.-JOK	177								220-127	21		21	0.70	14.70		7.35	7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	557578.0508	1863834.2381
T-33	LOC. TZAQUIVIL.-JOK	183								220-127	14		14	0.70	9.80		4.90	4.90	9.80	8.82	10 KVA. 2Ø	98.00 %	557793.0508	1863857.2381
T-34	LOC. TZAQUIVIL.-JOK	186								220-127	35		35	0.70	24.50		12.25	12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	557649.0508	1863929.2381
T-35	LOC. TZAQUIVIL.-JOK	188								220-127	21		21	0.70	14.70	7.35	7.35		14.70	13.23	15 KVA. 2Ø	98.00 %	557613.0508	1864024.2381
T-36	LOC. TZAQUIVIL.-JOK	191								220-127	21		21	0.70	14.70	7.35	7.35		14.70	13.23	15 KVA. 2Ø	98.00 %	557487.0508	1864083.2381
T-37	LOC. TZAQUIVIL.-JOK	200								220-127	21		21	0.70	14.70	7.35		7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	557783.0508	1864117.2381
T-38	LOC. TZAQUIVIL.-JOK	203								220-127	21		21	0.70	14.70	7.35		7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	557894.0508	1864109.2381
T-39	LOC. TZAQUIVIL.-JOK	211								220-127	14		14	0.70	9.80	4.90		4.90	9.80	8.82	10 KVA. 2Ø	98.00 %	558038.0508	1864138.2381
T-40	LOC. TZAQUIVIL.-JOK	221								220-127	21		21	0.70	14.70		7.35	7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	556692.0508	1863936.2381
T-41	LOC. TZAQUIVIL.-JOK	223								220-127	35		35	0.70	24.50	12.25		12.25	24.50	22.05	25 KVA. 2Ø	98.00 %	556702.0508	1863862.2381
T-42	LOC. TZAQUIVIL.-JOK	232								220-127	21		21	0.70	14.70	7.35	7.35		14.70	13.23	15 KVA. 2Ø	98.00 %	556924.0554	1863882.3898
T-43	LOC. TZAQUIVIL.-JOK	234								220-127	35		35	0.70	24.50	12.25	12.25		24.50	22.05	25 KVA. 2Ø	98.00 %	556893.0554	1863801.3898
T-44	LOC. TZAQUIVIL.-JOK	240								220-127	14		14	0.70	9.80	4.90		4.90	9.80	8.82	10 KVA. 2Ø	98.00 %	557065.0554	1863878.3898
T-45	LOC. TZAQUIVIL.-JOK	247								220-127	14		14	0.70	9.80		4.90	4.90	9.80	8.82	10 KVA. 2Ø	98.00 %	557148.0554	1863973.3898
T-46	LOC. TZAQUIVIL.-JOK	252								220-127	14		14	0.70	9.80	4.90	4.90		9.80	8.82	10 KVA. 2Ø	98.00 %	557132.0508	1864133.2381
T-47	LOC. TZAQUIVIL.-JOK	254								220-127	14		14	0.70	9.80		4.90	4.90	9.80	8.82	10 KVA. 2Ø	98.00 %	557054.0508	1864117.2381
T-48	LOC. TZAQUIVIL.-JOK	262								220-127	21		21	0.70	14.70	7.35		7.35	14.70	13.23	15 KVA. 2Ø	98.00 %	557383.0508	1864247.2381
TOTAL											1148		1148		803.60	264.60	264.60	274.40	803.60	723.24				

LONGITUD DE ACOMETIDAS T-01 10 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X1	35.00
2	X2	35.00
3	X3	35.00
4	X4	32.00
5	X5	32.00
6	X6	32.00
7	X7	33.00
8	X8	33.00
9	X9	33.00
10	X10	29.00
11	X11	28.00
12	X12	29.00
13	X13	28.00
14	X14	27.00

LONGITUD DE ACOMETIDAS T-02 10 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X15	24.00
2	X16	23.00
3	X17	24.00
4	X18	25.00
5	X19	30.00
6	X20	30.00
7	X21	30.00
8	X22	33.00
9	X23	33.00
10	X24	32.00
11	X25	28.00
12	X26	28.00
13	X27	27.00
14	X28	27.00

LONGITUD DE ACOMETIDAS T-03 15 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X29	33.00
2	X30	25.00
3	X31	35.00
4	X32	35.00
5	X33	35.00
6	X34	19.00
7	X35	16.00
8	X36	23.00
9	X37	23.00
10	X38	31.00
11	X39	35.00
12	X40	30.00
13	X41	35.00
14	X42	33.00
15	X43	18.00
16	X44	17.00
17	X45	23.00
18	X46	25.00
19	X47	30.00
20	X48	35.00
21	X49	27.00

LONGITUD DE ACOMETIDAS T-04 10 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X50	25.00
2	X51	30.00
3	X52	30.00
4	X53	24.00
5	X54	24.00
6	X55	29.00
7	X56	29.00
8	X57	35.00
9	X58	35.00
10	X59	30.00
11	X60	30.00
12	X61	20.00
13	X62	18.00
14	X63	20.00

LONGITUD DE ACOMETIDAS T-05 10 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X64	20.00
2	X65	25.00
3	X66	25.00
4	X67	27.00
5	X68	27.00
6	X69	32.00
7	X70	32.00
8	X71	18.00
9	X72	17.00
10	X73	23.00
11	X74	25.00
12	X75	30.00
13	X76	35.00
14	X77	27.00

LONGITUD DE ACOMETIDAS T-06 15 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X78	25.00
2	X79	30.00
3	X80	30.00
4	X81	24.00
5	X82	24.00
6	X83	29.00
7	X84	29.00
8	X85	33.00
9	X86	33.00
10	X87	35.00
11	X88	35.00
12	X89	34.00
13	X90	34.00
14	X91	32.00
15	X92	32.00
16	X93	31.00
17	X94	34.00
18	X95	34.00
19	X96	27.00
20	X97	27.00
21	X98	28.00

LONGITUD DE ACOMETIDAS T-07 25 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X99	35.00
2	X100	35.00
3	X101	30.00
4	X102	30.00
5	X103	20.00
6	X104	18.00
7	X105	20.00
8	X106	20.00
9	X107	25.00
10	X108	25.00
11	X109	27.00
12	X110	27.00
13	X111	32.00
14	X112	32.00
15	X113	32.00
16	X114	32.00
17	X115	32.00
18	X116	33.00
19	X117	33.00
20	X118	33.00
21	X119	29.00
22	X120	29.00
23	X121	29.00
24	X122	28.00
25	X123	27.00
26	X124	27.00
27	X125	25.00
28	X126	25.00
29	X127	29.00
30	X128	29.00
31	X129	29.00
32	X130	28.00
33	X131	27.00
34	X132	27.00
35	X133	25.00

LONGITUD DE ACOMETIDAS T-08 25 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X134	35.00
2	X135	25.00
3	X136	35.00
4	X137	35.00
5	X138	35.00
6	X139	19.00
7	X140	18.00
8	X141	25.00
9	X142	25.00
10	X143	30.00
11	X144	35.00
12	X145	30.00
13	X146	35.00
14	X147	32.00
15	X148	34.00
16	X149	34.00
17	X150	33.00
18	X151	33.00
19	X152	35.00
20	X153	35.00
21	X154	32.00
22	X155	32.00
23	X156	32.00
24	X157	30.00
25	X158	30.00
26	X159	31.00
27	X160	31.00
28	X161	35.00
29	X162	35.00
30	X163	25.00
31	X164	35.00
32	X165	35.00
33	X166	35.00
34	X167	19.00
35	X168	18.00

LONGITUD DE ACOMETIDAS T-09 15 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X169	25.00
2	X170	25.00
3	X171	30.00
4	X172	35.00
5	X173	30.00
6	X174	35.00
7	X175	32.00
8	X176	19.00
9	X177	16.00
10	X178	23.00
11	X179	23.00
12	X180	31.00
13	X181	35.00
14	X182	30.00
15	X183	35.00
16	X184	18.00
17	X185	17.00
18	X186	23.00
19	X187	25.00
20	X188	30.00
21	X189	35.00

LONGITUD DE ACOMETIDAS T-10 15 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X190	27.00
2	X191	25.00
3	X192	30.00
4	X193	30.00
5	X194	24.00
6	X195	24.00
7	X196	29.00
8	X197	29.00
9	X198	35.00
10	X199	25.00
11	X200	35.00
12	X201	35.00
13	X202	35.00
14	X203	19.00
15	X204	18.00
16	X205	25.00
17	X206	25.00
18	X207	30.00
19	X208	35.00
20	X209	30.00
21	X210	35.00

LONGITUD DE ACOMETIDAS T-11 25 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X211	32.00
2	X212	19.00
3	X213	16.00
4	X214	23.00
5	X215	23.00
6	X216	31.00
7	X217	35.00
8	X218	30.00
9	X219	35.00
10	X220	20.00
11	X221	18.00
12	X222	20.00
13	X223	22.00
14	X224	22.00
15	X225	21.00
16	X226	21.00
17	X227	25.00
18	X228	25.00
19	X229	25.00
20	X230	30.00
21	X231	35.00
22	X232	35.00
23	X233	30.00
24	X234	17.00
25	X235	17.00
26	X236	18.00
27	X237	20.00
28	X238	20.00
29	X239	19.00
30	X240	23.00
31	X241	23.00
32	X242	25.00
33	X243	24.00
34	X244	24.00
35	X245	20.00

LONGITUD DE ACOMETIDAS T-12 25 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X246	20.00
2	X247	21.00
3	X248	18.00
4	X249	20.00
5	X250	22.00
6	X251	22.00
7	X252	21.00
8	X253	21.00
9	X254	25.00
10	X255	25.00
11	X256	35.00
12	X257	35.00
13	X258	35.00
14	X259	35.00
15	X260	30.00
16	X261	30.00
17	X262	30.00
18	X263	31.00
19	X264	31.00
20	X265	31.00
21	X266	29.00
22	X267	29.00
23	X268	28.00
24	X269	27.00
25	X270	35.00
26	X271	35.00
27	X272	35.00
28	X273	32.00
29	X274	32.00
30	X275	32.00
31	X276	33.00
32	X277	33.00
33	X278	33.00
34	X279	29.00
35	X280	29.00

LONGITUD DE ACOMETIDAS T-13 15 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X281	29.00
2	X282	28.00
3	X283	27.00
4	X284	25.00
5	X285	25.00
6	X286	25.00
7	X287	25.00
8	X288	30.00
9	X289	30.00
10	X290	30.00
11	X291	32.00
12	X292	32.00
13	X293	32.00
14	X294	28.00
15	X295	28.00
16	X296	28.00
17	X297	23.00
18	X298	23.00
19	X299	23.00
20	X300	35.00
21	X301	35.00

LONGITUD DE ACOMETIDAS T-14 15 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X302	20.00
2	X303	17.00
3	X304	18.00
4	X305	18.00
5	X306	35.00
6	X307	35.00
7	X308	35.00
8	X309	35.00
9	X310	35.00
10	X311	17.00
11	X312	17.00
12	X313	17.00
13	X314	20.00
14	X315	20.00
15	X316	22.00
16	X317	22.00
17	X318	22.00
18	X319	24.00
19	X320	30.00
20	X321	35.00
21	X322	33.00

LONGITUD DE ACOMETIDAS T-15 15 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X323	33.00
2	X324	35.00
3	X325	17.00
4	X326	18.00
5	X327	17.00
6	X328	18.00
7	X329	20.00
8	X330	23.00
9	X331	22.00
10	X332	24.00
11	X333	24.00
12	X334	23.00
13	X335	23.00
14	X336	35.00
15	X337	35.00
16	X338	20.00
17	X339	17.00
18	X340	18.00
19	X341	18.00
20	X342	35.00
21	X343	35.00

LONGITUD DE ACOMETIDAS T-16 10 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X344	35.00
2	X345	35.00
3	X346	35.00
4	X347	17.00
5	X348	17.00
6	X349	17.00
7	X350	20.00
8	X351	20.00
9	X352	22.00
10	X353	22.00
11	X354	22.00
12	X355	24.00
13	X356	24.00
14	X357	23.00

LONGITUD DE ACOMETIDAS T-17 10 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X358	23.00
2	X359	31.00
3	X360	35.00
4	X361	30.00
5	X362	35.00
6	X363	33.00
7	X364	18.00
8	X365	18.00
9	X366	21.00
10	X367	21.00
11	X368	23.00
12	X69	23.00
13	X370	25.00
14	X371	25.00

LONGITUD DE ACOMETIDAS T-18 25 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X372	25.00
2	X373	30.00
3	X374	30.00
4	X375	30.00
5	X376	35.00
6	X377	35.00
7	X378	35.00
8	X379	35.00
9	X380	35.00
10	X381	35.00
11	X382	32.00
12	X383	32.00
13	X384	32.00
14	X385	33.00
15	X386	33.00
16	X387	33.00
17	X388	29.00
18	X389	29.00
19	X390	29.00
20	X391	28.00
21	X392	27.00
22	X393	35.00
23	X394	35.00
24	X395	30.00
25	X396	30.00
26	X397	20.00
27	X398	18.00
28	X399	20.00
29	X400	20.00
30	X401	25.00
31	X402	25.00
32	X403	27.00
33	X404	27.00
34	X405	32.00
35	X406	32.00

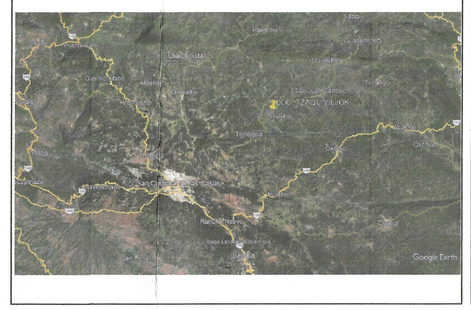
LONGITUD DE ACOMETIDAS T-19 15 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X407	18.00
2	X408	17.00
3	X409	23.00
4	X410	25.00
5	X411	30.00
6	X412	35.00
7	X413	27.00
8	X414	27.00
9	X415	18.00
10	X416	17.00
11	X417	23.00
12	X418	25.00
13	X419	30.00
14	X420	35.00
15	X421	27.00
16	X422	18.00
17	X423	17.00
18	X424	23.00
19	X425	25.00
20	X426	30.00
21	X427	35.00

LONGITUD DE ACOMETIDAS T-20 25 KVA.

No.	USUARIO	DISTANCIA MTS.
1	X428	27.00
2	X429	17.00
3	X430	17.00
4	X431	25.00
5	X432	25.00
6	X433	35.00
7	X434	35.00
8	X435	25.00
9	X436	25.00
10	X437	35.00
11	X438	35.00
12	X439	24.00
13	X440	24.00
14	X441	30.00
15	X442	30.00
16	X443	20.00
17	X444	18.00
18	X445	20.00
19	X446	20.00
20	X447	25.00
21	X448	25.00
22	X449	27.00
23	X450	27.00
24	X451	33.00
25	X452	33.00
26	X453	35.00
27	X454	35.00
28	X455	34.00
29	X456	34.00
30	X457	32.00
31	X458	32.00
32	X459	31.00
33	X460	34.00
34	X461	34.00
35	X462	27.00

CROQUIS DE MACROLOCALIZACION



CROQUIS DE MICROLOCALIZACION

Codigo de colores

	Instalar.		Convertir.
	Retirar.		Datos de referencia.
	Relocalizar.		Existente.

H. AYUNTAMIENTO CONSTITUCIONAL MUNICIPAL DE TENEJAPA, CHIAPAS.

Prof. Roberto Girón Luna
Presidente Municipal
Tenejapa, Chiapas

C. Alonso López Giron
Director de Obras Publicas
Tenejapa, Chiapas

9614578960

DIVISIÓN SURESTE
ZONA DE DISTRIBUCIÓN SAN CRISTÓBAL DE LAS CASAS

PLANO PROYECTO

" RED DISTRIBUCIÓN DE ENERGÍA ELÉCTRICA UBICADO EN LA LOCALIDAD D