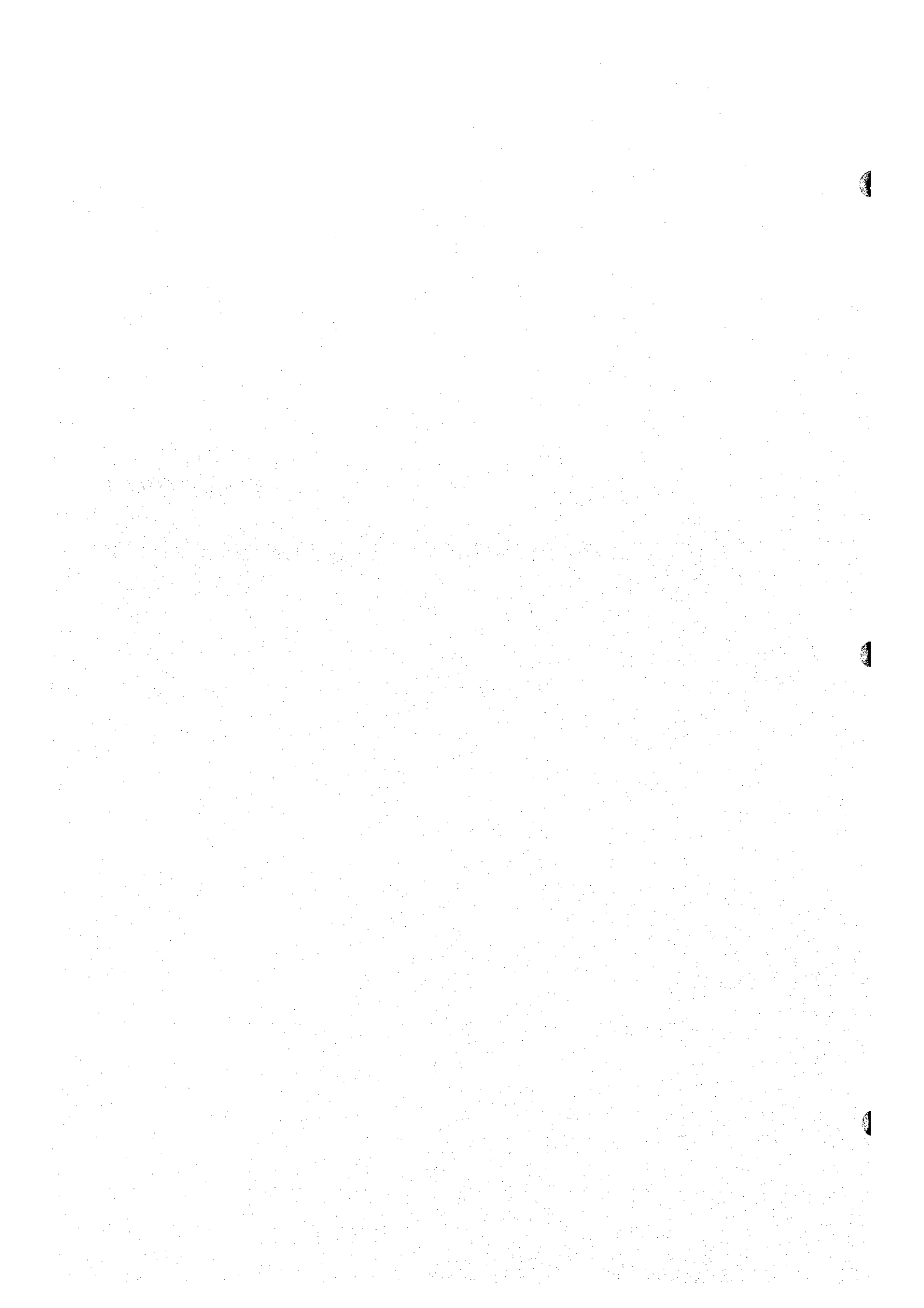


**VOLUME II**

**MASTER PLAN STUDY**

**CHAPTER 1**

**EXISTING DEVELOPMENT PLAN FOR BAKU CITY**



## CHAPTER 1 EXISTING DEVELOPMENT PLAN FOR BAKU CITY

### 1.1 General

There are two kinds of development plan for the distribution network of Baku. One is the long-term development plan for improvement of power supply to Baku central, which was prepared in the year 1989 of the former Soviet Union era. The other is the three year development plan from 1996 to 1998 of which BEN narrowed down its objective area and formulated, based on the long-term plan.

The outline of these plans is described in this chapter. The objective areas of each plan are shown below.

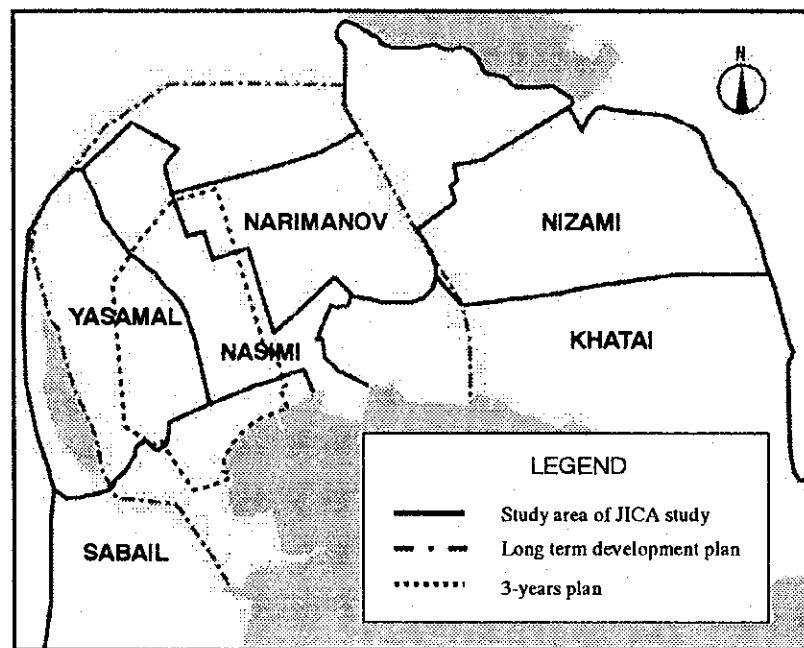


Figure II.1.1-1 Objective area for existing development plan

### 1.2 Long Term Development Plan<sup>1</sup>

The long-term development plan, which was prepared in the year 1989 of the former Soviet Union era, covers the transmission and distribution network improvement plans for Baku central based on the power

<sup>1</sup> "General Development Plan for the 6 kV and 10 kV electrical network in the central part of Baku city for 2000 with the perspective till 2005", Volume 1, 1989, Ministry of Power and Electrification of the USSR.

demand forecast from 1990 up to 2005. This plan includes two improvement plans up to 1995 and 2000. The main objective of the plan is improvement of power supply reliability and loss reduction in the center of Baku. The plan focused on reinforcement of 110 kV and 35 kV transmission line which provided power to Baku central and upgrade the distribution system voltage from 6 kV to 10 kV.

The contents of the plan are summarized in Table II.1.2-1 below, and presented in Appendix II.1.2-1.

Table II.1.2-1 Outline of the long term development plan

Items	up to 1995		up to 2000	
	amount	budget (1,000 Rubles)	amount	budget (1,000 Rubles)
- Replacement of transformers (secondary side : 10 kV)	35 kV 110 kV	40 MVA 80 MVA	30 MVA	80.0
- Increase of transformer capacity (secondary side : 10 kV)	35 kV 110 kV	40 MVA 143 MVA	20 MVA	83.4
- Construction of new 110/10 kV substations and transmission lines		6 7,874.0		
- Construction of new 110 kV transmission lines			2 x 8 km	640.0
- Renovation of 6 kV and 10 kV system according to above improvement		8,730.0		1,784.0
Total		17,893.9		2,587.4

Only some parts of this plan, however, are seem to be carried out because of the independence of Azerbaijan following the collapse of the former Soviet Union. At present, the three year development plan, which is described in the next section, has been carried out to narrow down its objective area and reconsidered.

### 1.3 Three Year Development Plan

As for rehabilitation and replacement works (investment) for distribution facilities, BEN prepared an investment plan for the targeted period of 1996-1998 based on the above long-term plan. This three years plan estimates the total cost of AZM 232.7 billion (equivalent to about US\$ 60.1 million with average rate in 1998). It emphasizes rehabilitation and replacement of obsolete facilities as shown in Table 1.3-1 below.

Table II.1.3-1 Rehabilitation and replacement plan for distribution facilities (in billion AZM)

	Total volume	Unit	Total cost	1996		1997		1998	
				volume	amount	volume	amount	volume	amount
Replacement of HV cable (10/6 kV)	300 km	0.108	32.4	100	10.8	100	10.8	100	10.8
Replacement of LV cable (0.4 kV)	100 km	0.108	10.8	35	3.8	35	3.8	30	3.2
Replacement of HV over-head cable	200 km	0.100	20.0	70	7.0	70	7.0	60	6.0
Replacement of LV over-head cable	750 km	0.100	75.0	250	25.0	250	25.0	250	25.0
Reconstruction of station building	280 units	0.200	56.0	190	19.0	190	19.0	90	18.0
Replacement of transformer	1,100 units	0.035	38.5	370	12.9	370	12.9	360	12.6
<b>Total</b>			<b>232.7</b>		<b>78.5</b>		<b>78.5</b>		<b>75.6</b>

(Source: BEN)

The process of formulating plan is as follows. The annual plan proposed by BEN is to be submitted to the Planning Department of the Baku City Executive Power and the department examines and estimates the cost of the plan. Then, the proposed plan is submitted to the Cabinet of Ministers of Azerbaijan subject to an approval application. The Government through this procedure has already approved this three year plan and the improvement works are on the progress.

However, the implementation of this plan in a short-term with BEN's own funds allocation might be exceedingly impossible. In 1998, about AZM 9.0 billion (3.9 % of the total costs) for the three years plan was urgently provided to BEN from the Privatization Fund based on a presidential decision. According to BEN, the state budget except the above fund has not been allocated to this rehabilitation and replacement plan for the last three years, and roughly 37.24 billion AZM has been disbursed, amounting to only around 16.0% of the entire plan as of end of 1999. It is considered that among total disbursement so far, 28.24 billion AZM has been financed by own fund.

Table II.1.3-2 Amount invested for the three years replacement plan (in million AZM)

1996	1997	1998	1999	As of end 1999
8,149.2	5,656.9	20,000.0	3,431.1	37,237.2

(Source: BEN)



Appendix II.1.2-1 Planned subprojects up to year 1995 and 2000

**up to 1995**

			Estimated cost (1,000 Roubles)
<b>Replacement of transformer</b>			
1 No.88	35/6 kV to 35/10 kV	2x10 MVA to 2x10 MVA	80.0
2 No.82	35/10 kV	2x6.3 MVA to 2x10 MVA	83.5
3 Patamdar-1	110/10 kV	2x40 MVA to 2x40 MVA	260.0
<b>Increase of transformer capacity</b>			
1 No. 111	35/6 kV to 35/10 kV	2x10 +7.5 MVA to 3x10 MVA	41.7
2 No. 120	35/6 kV to 35/10 kV	3x7.5+10 MVA to 7.5+3x10 MVA	83.0
3 No. 119	35/6 kV to 35/10 kV	6.7+7.5+10 MVA to 2x10 MVA	41.7
4 Nagornaya	110/10 kV	2x40 MVA to 40+63 MVA	300.0
5 Salakhany-1	110/10 kV	2x31.5 MVA to 2x40 MVA	400.0
<b>Construction of New Substation</b>			
1 Darnagul-2	110/10 kV	Transformers: 2x25 MVA OH line from Musfig, 2x1.4 km	1,200.0 94.0
2 Icheri Shaher	110/10 kV	Transformers: 2x25 MVA OH line from Musfig, 6 km	1,200.0 240.0
3 Montino	110/10 kV	Transformers: 2x25 MVA OH line from Yldyz, 2 x 0.5 km	1,200.0 30.0
4 Salakhany-2	110/10 kV	Transformers: 2x25 MVA branch line to Salakhany-2, 2 x 0.5 km	770.0 110.0
5 Center	110/10 kV	Transformers: 2x25 MVA branch line to Center, 2 x 3 km	1,300.0 330.0
6 Chernogorodskaya	110/10 kV	Transformers: 2x25 MVA OH line from Shaymianovskaiya, 2x3 km	1,200.0 200.0
Development of 6 and 10 kV network in accordance with above subprojects			8,730.0
			<b>Total 17,893.9</b>

**up to 2000**

			Estimated cost (1,000 Roubles)
<b>Replacement of Transformers</b>			
1 No. 220	35/6 kV to 35/10 kV	3 x 10 MVA	80.0
<b>Increase of transformer capacity</b>			
1 No. 120	35/10 kV	7.5+3x10 MVA to 4x10 MVA	41.7
2 No. 227	35/6 kV to 35/10 kV	7.5+2x10 MVA to 3x10 MVA	41.7
<b>Construction of New Transmission Line</b>			
1 Narimanovskaya - Chernogorodskaya	110 kV, OH	2 x 6.0 km	480.0
2 Narimanovskaya - Center	110 kV, OH	2 x 2.0 km	160.0
Development of 6 and 10 kV network in accordance with above subprojects			1,784.0
			<b>Total 2,587.4</b>



**CHAPTER 2**

**DISTRIBUTION FACILITIES IN THE STUDY AREA**

## CHAPTER 2 DISTRIBUTION FACILITIES IN THE STUDY AREA

### 2.1 General

It is necessary to grasp the detailed situation of the existing facilities constituting the network to formulate the Master Plan for the rehabilitation and reconstruction of distribution network (the Master Plan). In this Study, the detailed survey has been undertaken for transformer stations and medium voltage (MV) distribution lines. Also in view of facilitating the analysis and examination afterwards, the information/data studied has been incorporated into a basic database.

As explained in Chapter 1 in Volume I, there has been a problem under the current information/data management system of BEN, lengthy time has been spent in collecting and processing the data. As a result, the current situation of distribution facilities in the Study area is satisfactorily grasped. The data and situation of distribution facilities incorporated in the database are explained below.

### 2.2 Transformer Stations

For transformer stations, the survey on the following items has been undertaken:

- (a) Identification number of transformer station
- (b) Transformer (the number of units, capacity of each unit, and total capacity)
- (c) Voltage
- (d) The type of station building
- (e) The number of MV switchgears
- (f) Commissioning year of transformer station
- (g) Network number in charge of the transformer station
- (h) Location (administrative district)

BEN has identified the transformer station by numbering, but the management has not been properly done, result in bringing about the same number for different station. Particularly, this occurs between the Central Electric Network and Suburb Electric Network's responsible area, and between 6 kV and 10 kV system, and is even seen in the same district as well as the same voltage station groups. As this mismanagement makes it difficult to mechanically categorize and analyze through the computer, the database for transformer stations has been formed only by each responsible network area (Central and Suburb Electric Network Area), and system voltage (6 kV and 10 kV). In addition, for the transformer stations with the same identification number in the same area and system voltage, the number from 3000 is given to one side for distinguishing

purpose.

Initially, the transformer data such as manufactured, purchased and installed year was sought to identify the one for replacement, however, the data for only a small number of transformers is available. Therefore, it turned out to be impossible. The manufactured and installed year data of MV switchgear is also sought. However, since the data management has been much poorer than that for transformer, the data was not obtainable.

From the database prepared, the distribution facilities for each Study area are as shown in Table II.2.2-1 and the list of transformer station in order by number is shown in from Appendixes II.2.2-1(1) to (6). Compared with the total facilities of BEN explained in Chapter 5 in Volume I, it is known that 48 % of transformer station and 65 % of total transformer capacity are installed in the Study area.

Table II.2.2-1 Facilities of transformer stations

		Sabail	Yasamal	Nasimi	Narimanov	Nizami	Khatai	Total
The number of transformer stations	6 kV	98	152	152	114	10	74	600
	10 kV	51	95	63	68	101	123	501
	total	149	247	215	182	111	197	1,101
The number of units of transformer	6 kV	141	236	235	168	14	89	883
	10 kV	88	165	115	111	163	225	867
	total	229	401	350	279	177	314	1,750
Transformer capacity (MVA)	6 kV	59.99	118.54	107.36	77.32	5.50	42.07	410.77
	10 kV	52.12	88.67	61.45	57.06	81.45	129.35	470.10
	total	112.11	207.21	168.81	134.38	86.95	171.42	880.87
The number of MV switchgears	6 kV	471	834	869	584	47	213	3,018
	10 kV	342	658	442	381	580	802	3,205
	total	813	1,492	1,311	965	627	1,015	6,223
The number of MV circuit breakers	6 kV	183	332	385	221	9	54	1,184
	10 kV	148	289	181	135	220	315	1,288
	total	331	621	566	356	229	369	2,472

From the energy demand by the Study area shown in Appendix II.7.3-1 and the transformer capacity provided in Table II.2.2-1, the capacity factor of transformer is estimated as in Table II.2.2-2. It is known from the table that Yasamal and Nasimi districts recorded at less than 50 %, showing no problem in transformer capacity, but that the other districts need to promptly increase the capacity. It is noted that the peak load is estimated by assuming the annual load factor as 55 %, and the capacity factor of transformer is estimated by assuming power load factor as 90 % based on the fact that lighting demand mostly causes peak demand.

BEN's 6 kV and 10 kV system are similar in the method of installing switchgear in transformer stations. To minimize the construction cost, circuit breakers are only installed in the sending end of feeders, disconnecting switches are installed in the receiving end of feeders and for bus connection, and power fuses are installed in the primary side of transformer circuits. As shown in Table II.2.2-1, the share of circuit

breakers, no more than 40% of all switchgears, indicate the system configuration of BEN. In some transformer stations, however, it was often observed that circuit breakers are used for protecting transformer circuit, and disconnecting switches are used for all the feeder circuits.

Table II.2.2-2 Estimate for average capacity factor of transformer

	Sabail	Yasamal	Nasimi	Narimanov	Nizami	Khatai	Total
Demand (GWh)	280.2	322.8	321.7	304.8	223.6	371.3	1,824.4
Peak demand (MW)	58.2	67.0	66.8	63.3	46.4	77.1	378.7
Capacity factor (%)	57.6	35.9	43.9	52.3	59.3	50.0	47.8

### 2.3 Medium Voltage Distribution Lines

For MV distribution lines, the following items are surveyed:

- (a) Laying of line
- (b) System voltage
- (c) The number of circuits
- (d) The number of cable joints
- (e) Type of cable (mostly underground line)
- (f) Size of cable (the number of cores and sectional area)
- (g) Length of line
- (h) Length of cable
- (i) Laying year
- (j) Network number in charge of the MV distribution line
- (k) Location (administrative district)
- (l) Information on the other cable constituting the line (type, size, length and laying year)

The identification number of both sides of transformer stations represents the location where the cable is laid. The transformer station with younger number is recognized as the sending end and with older as receiving end. For the lines connected to Azenerji's and customer's substations, the side of BEN's substation is recognized as sending end.

The location of lines (item 'k') is judged by the location of transformer station which the sending end of lines is connected. Even though the line is mostly located in other district, the line's location is indicated by the transformer station location which the sending end of the line is connected.

The line indicates the number of circuits. In case where some circuits of line are laid between the transformer stations, the circuits with different laying year are treated as different line. The circuits with the same laying year are treated as the line with two or three circuit lines.

In case where the line is comprised of the plural types of cable, the number of joints is indicated, and the information on the cable laid at the earliest time or the smallest cable size is shown in item (e) and (f). The data on the rest of the cable is shown in item (l).

The length of cable (item 'h') indicates the length of cable laid in the lines. In case where plural cables are laid, the total length is indicated.

From the basic database prepared, the existing MV line facilities by each Study area are shown in Table II.2.3-1, and the list of MV line in order by number of transformer stations at the sending end is shown in from Appendixes II.2.3-1 (1) to (6).

Table II.2.3-1 MV line facilities

		Sabail	Yasamal	Nasimi	Narimanov	Nizami	Khatai	Total
The number of distribution lines	6 kV	147	214	213	160	2	16	752
	10 kV	71	126	83	80	147	134	641
	total	218	340	296	240	149	150	1,393
The number of circuits	6 kV	155	233	229	167	3	21	808
	10 kV	105	187	115	106	179	226	914
	total	260	420	344	273	182	247	1,722
The number of joints	6 kV	106	120	140	128	1	0	495
	10 kV	17	29	38	40	34	31	189
	total	123	149	178	168	35	31	684
The length of line (km)	6 kV	63.78	94.08	86.72	82.28	1.48	4.38	332.72
	10 kV	32.25	65.48	35.47	32.69	79.39	76.92	322.21
	total	96.03	162.56	122.19	114.98	80.87	81.30	654.93
The length of cable (km)	6 kV	70.88	103.03	96.49	86.59	2.66	5.87	365.52
	10 kV	49.62	103.87	49.71	42.97	97.95	118.30	462.42
	total	120.50	206.90	146.20	109.56	100.61	124.17	827.94

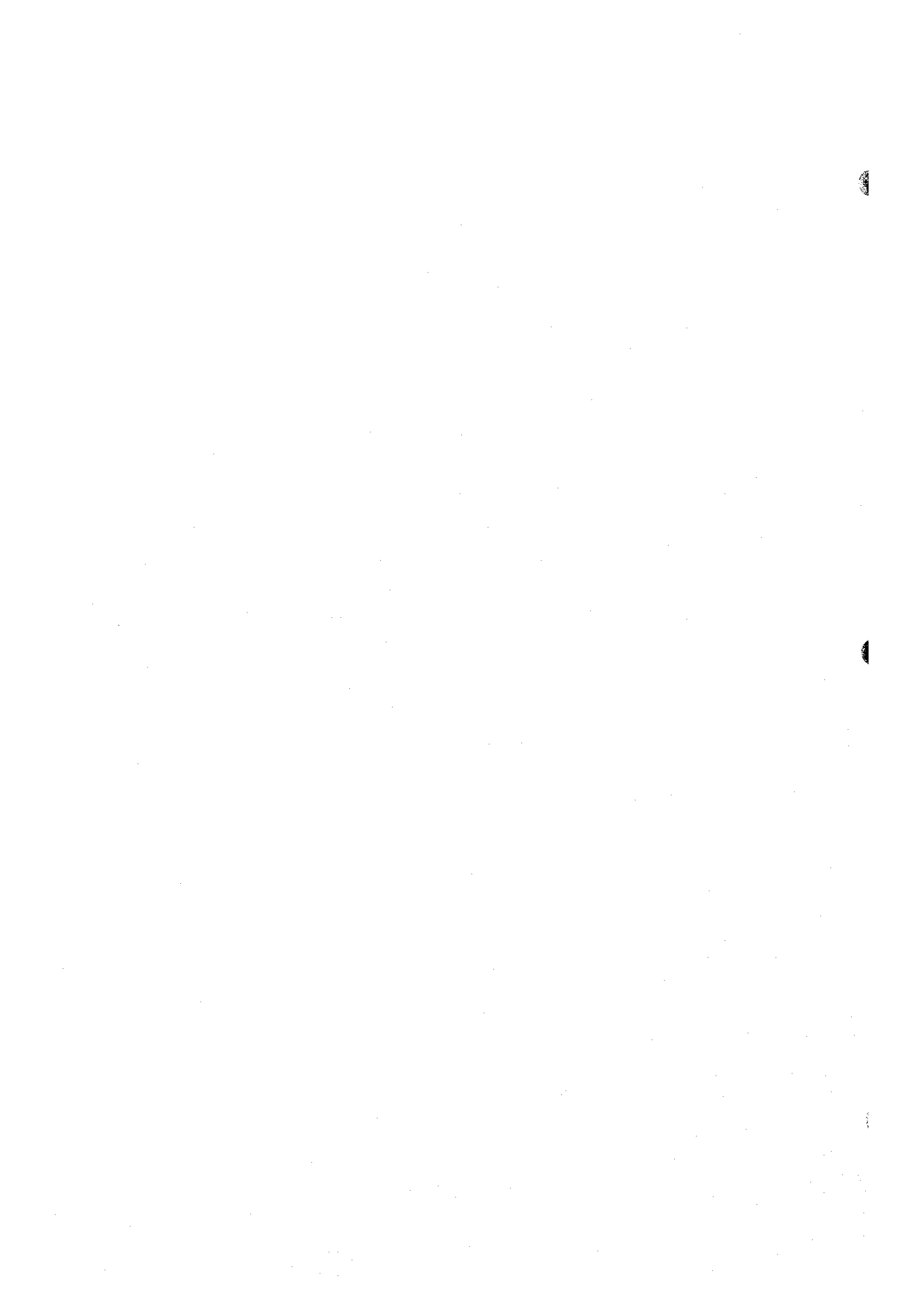
The ratio of double-circuit line in the MV system is as shown in Table II.2.3-2. As known by Appendixes II.2.3-1 (1) to (6), as 6 kV system has been in principle developed and expanded with single-circuit, the ratio of double-circuit line has been very low. On the other hand, the standard of 10 kV system has become in principle double-circuit line to ensure reliability. It is presumed, however, the actual ratio of double-circuit line in 6 kV system has been larger than figures indicated in Table II.2.3-2, since in the appendix, the cables with different laying years are presented as the different lines even if more than two lines in the same section are laid. Particularly, there have been many cases where the line from Azenerji's substation has been added afterwards.

The ratio of double-circuit line is the highest in Khatai district, and the lowest in Narimanov district. As the electrification for the whole Khatai district was relatively late, and the 10 kV system has been initially adopted, there are many sections of double-circuit line. In other area, it is considered that the ratio of double-circuit line has been lower for 10 kV system, as the existing 6 kV system has been diverted as it is when in adopting 10 kV system at first time. This is very prominent in Nizami and Narimanov districts as

shown in Table II.2.3-2.

Table II.2.3-2 The extent of double-circuit line for MV distribution line (%)

	Sabail	Yasamal	Nasimi	Narimanov	Nizami	Khatai	Total
6 kV line	5.4	8.9	7.5	4.4	50.0	31.3	7.4
10 kV line	47.9	48.4	38.6	32.5	21.8	68.7	42.6
Total	19.3	23.5	16.2	13.8	22.1	64.7	23.6
The number of 6 kV cable routes in 10 kV system (number)	1	10	10	17	28	0	56



Appendix II.2.2-1(1) 6kV & 10kV Transformer Stations in Sabail

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
(6kV)										
1	1	2	400	800	6.0	KO	16	12	1975	1
2	2	1	630	630	6.0	KO	7	6	1920	1
3	4	1	400	400	6.0	KP	4	0	1960	2
4	5	2	400+630	1,030	6.0	KP	7	3	1940	2
5	6	1	630	630	6.0	KB	4	1	1938	2
6	7	2	250+400	650	6.0	KP	8	3	1937	2
7	8	2	400+630	1,030	6.0	KO	6	3	1948	2
8	9	2	320+400	720	6.0	KP	6	3	1974	2
9	10	1	320	320	6.0	KO	4	2	1964	1
10	11	2	400+630	1,030	6.0	KB	5	2	1955	2
11	12	2	630	1,260	6.0	KO	7	2	1988	2
12	13	2	400	800	6.0	KO	9	4	1991	1
13	17	2	400+630	1,030	6.0	KP	6	2	1953	2
14	20	1	400	400	6.0	KB	5	1	1939	2
15	22	1	400	400	6.0	KB	4	0	1966	2
16	23	2	400	800	6.0	KB	8	4	1934	2
17	25	3	2x630+400	1,660	6.0	KO	9	2	1983	3
18	32	4	3x320+560	1,520	6.0	KO	6	5	1940	1
19	32	2	180+560	740	6.0	KO	7	2	1940	1
20	33	2	320+630	950	6.0	KP	5	1	1930	2
21	34	2	630	1,260	6.0	KO	6	5	1955	3
22	41	1	400	400	6.0	KB	5	2	1928	2
23	49	2	320	640	6.0	KB	2	0	1952	5
24	53	1	315	315	6.0	KB	3	1	1938	2
25	57	2	630	1,260	6.0	KO	4	4	1948	5
26	60	1	400	400	6.0	KO	2	0	1937	5
27	66	1	400	400	6.0	PMT	3	0	1991	5
28	69	2	400	800	6.0	KP	8	4	1988	1
29	72	1	400	400	6.0	PMT	3	0	1976	2
30	73	1	180	180	6.0	KB			1959	1
31	77	2	320	640	6.0	KB	6	4	1952	5
32	98	0	-	-	6.0	KB	1	0	1934	5
33	100	2	320	640	6.0	KB	4	0	1940	2
34	101	1	400	400	6.0	KO	4	2	1950	1
35	102	1	320	320	6.0	KO	3	1	1958	1
36	103	1	400	400	6.0		4	1	1959	1
37	105	1	400	400	6.0	KB	4	2	1958	1
38	107	1	400	400	6.0	PMT	3	0	1960	2
39	108	1	630	630	6.0	KP	4	3	1988	2
40	109	2	400	800	6.0	KO	6	2	1997	2
41	113	1	250	250	6.0	KO	14	9	1977	2
42	129	0	-	-	6.0	KB	4	2	1932	2
43	147	0	-	-	6.0	KO	5	2	1952	5
44	162	2	315+400	715	6.0	KB	6	0	1980	2
45	179	1	400	400	6.0	KB	4	1	1960	5
46	200	2	630	1,260	6.0	KO	6	3	1939	2
47	201	1	320	320	6.0	KO	3	0	1937	2
48	236	2	560+630	1,190	6.0	KB	5	3	1950	5
49	237	1	400	400	6.0	PMT	3	0		5
50	239	2	180	360	6.0	KB	7	6		5
51	247	1	320	320	6.0	KO	5	2	1953	1
52	291	1	630	630	6.0	KB	4	3	1961	2
53	301	2	630	1,260	6.0	KO	7	2	1964	2
54	320	0	-	-	6.0	KB	3	1	1957	5
55	321	2	400+630	1,030	6.0	KO	6	2	1958	2
56	322	1	250	250	6.0	PMT	3	0	1959	1
57	329	2	320+560	880	6.0	KO	7	2	1972	2
58	330	1	630+400	1,030	6.0	KO	4	2	1991	2



Appendix II.2.2-1(1) 6kV & 10kV Transformer Stations in Sabail

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
59	348	2	320	640	6.0	KB	5	1	1962	2
60	354	1	320	320	6.0	KB	4	3	1961	1
61	372	1	630	630	6.0	KO	5	3	1961	2
62	393	1	630	630	6.0	KO	4	1	1962	1
63	410	2	400	800	6.0	KO	6	2	1965	2
64	411	2	400+320	720	6.0	KB	6	4	1952	5
65	453	1	320	320	6.0	KO	4	2	1964	1
66	462	1	400	400	6.0	PMT	2	0	1964	2
67	476	1	320	320	6.0	KO	4	1	1965	1
68	483	2	320	640	6.0	KO	8	4	1965	2
69	486	4	2x50+2x320	740	6.0	KB	8	2	1965	2
70	500	0	-	-	6.0	KO	1	1	1972	5
71	519	1	630	630	6.0	KO	7	2	1966	2
72	540	1	315	315	6.0	PMT	3	0	1960	2
73	550	1	320	320	6.0	KO	4	1	1970	1
74	553	2	400+630	1,030	6.0	KO	6	2	1969	5
75	573	2	250+630	880	6.0	KO	6	3	1973	2
76	579	1	400	400	6.0	PMT	3	0	1970	5
77	627	2	250	500	6.0	KO	6	2	1973	1
78	628	2	250	500	6.0	KO	7	2	1973	1
79	651	1	320	320	6.0	KO	4	1	1991	1
80	654	1	320	320	6.0	PMT	3	0	1974	1
81	656	1	400	400	6.0	KO	2	0	1973	1
82	657	2	320+560	880	6.0	KP	-	-	1974	1
83	667	2	400	800	6.0	KO	7	2	1983	1
84	691	2	630	1,260	6.0	KO	6	2	1976	1
85	694	2	400	800	6.0	KB	9	4	1976	2
86	696	2	560	1,120	6.0	KO	3	2	1976	5
87	717	1	630	630	6.0	KO	1	0	1954	1
88	742	1	400	400	6.0	PMT	3	0	1978	1
89	749	2	400+630	1,030	6.0	KO	10	6	1979	1
90	817	1	320	320	6.0	PMT	3	0	1986	2
91	937	1	630	630	6.0	PMT	2	1	1996	1
92	939	1	250	250	6.0	PMT	3	0	1996	2
93	944	1	400	400	6.0	PMT	3	-	1997	2
94	966	1	400	400	6.0	PMT	3	0		2
95	1019			0	6.0				1999	1
96	1042	1	160	160	6.0	PMT	3	0	1999	2
97	2022	2	630+320	950	6.0	KO				2
98	3540	1	400	400	6.0	PMT	3	0	1968	2
<b>Subtotal</b>		<b>141</b>		<b>59,985</b>			<b>471</b>	<b>183</b>		
<b>(10kV)</b>										
1	21	2	1,000	2,000	10.0	KB	9	6	1989	2
2	36	2	400+630	1,030	10.0	KO	7	2	1988	5
3	40	2	1,000	2,000	10.0	KP	6	2	1997	2
4	43	1	630	630	10.0	PMT	3	0	1998	5
5	54	1	630	630	10.0	KB	3	3	1954	2
6	55	2	630	1,260	10.0	KO	9	4	1930	5
7	56	1	630	630	10.0	KP	4	1	1972	5
8	60	2	400+630	1,030	10.0	KO	7	4	1937	5
9	61	4	2x630+2x1,000	3,260	10.0	KO	16	7	1986	5
10	80	2	630	1,260	10.0	KP	8	2	1984	5
11	82	2	400+630	1,030	10.0	KO	7	2	1974	5
12	98	2	400	800	10.0	KB	6	2	1934	5
13	112	1	160	160	10.0	PMT	3	0	1995	2
14	125	1	250+630	880	10.0	KO	7	2	1995	2
15	147	2	250+630	880	10.0	KO	7	4	1952	5
16	169	2	1,000	2,000	10.0	KP	9	6	1988	2
17	200	4	2x630+2x1,000	3,260	10.0	KO	22	14	1983	2

Appendix II.2.2-1(1) 6kV & 10kV Transformer Stations in Sabail

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
18	257	2	630	1,260	10.0	KO	4	2	1910	2
19	325	1	630	630	10.0	KB	4	2	1962	5
20	372	1	1,000	1,000	10.0	KO	3	2	1961	2
21	500	2	630	1,260	10.0	KO	7	3	1972	5
22	527	1	400	400	10.0	KO	4	1	1972	5
23	600	0	-	-	10.0	KO	24	16	1971	2
24	622	4	630	2,520	10.0	KB	14	8	1972	5
25	649	2	400	800	10.0	KO	7	2	1987	1
26	652	1	630	630	10.0	KO	6	3	1960	1
27	653	1	320	320	10.0	KO	4	2	1966	1
28	655	2	630	1,260	10.0	KO	16	8	1957	1
29	656	1	320	320	10.0	KO	6	2	1973	1
30	658	2	320+400	720	10.0	KO	6	4	1953	1
31	659	2	630	1,260	10.0	KO	6	1	1974	1
32	686	1	630	630	10.0	PMT	3	0	1976	2
33	695	1	400	400	10.0	PMT	3	0	1976	5
34	699	2	400	800	10.0	KO	7	2	1976	5
35	725	4	630	2,520	10.0	KO	16	7	1980	5
36	739	1	250	250	10.0	PMT	3	1	1980	2
37	761	4	1,000	4,000	10.0	KO	16	9	1998	2
38	818	2	630	1260	10.0	KO	6	2	1986	1
39	825	2	630	1260	10.0	KO	7	2	1986	2
40	896	1	250	250	10.0	PMT	1	-	1994	2
41	905	1	400	400	10.0	PMT	3	0	1995	2
42	926	2	400	800	10.0	KO	8	6	1996	1
43	946	2	250	500	10.0	KO	6	2	1998	1
44	972	1	100	100	10.0	PMT	3	0	1998	2
45	980	2	400	800	10.0	KO			1983	1
46	1023	1	400	400	10.0	PMT	3	0	1999	1
47	1035	1	400	400	10.0	PMT	3	0	1999	2
48	1052	1	400	400	10.0	KO	2	0	1999	2
49	1063	1	630	630	10.0	PMT	2	0	2000	2
50	2026	2	400	800	10.0	PMT	3	0		2
51	2027	1	400	400	10.0	PMT	3	0		2
<b>Subtotal</b>		<b>88</b>		<b>52,120</b>			<b>342</b>	<b>148</b>		
<b>Grand Total</b>		<b>229</b>		<b>112,105</b>			<b>813</b>	<b>331</b>		

Appendix II.2.2-1(2) 6kV & 10kV Transformer Stations in Yasamal

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
<b>(6kV)</b>										
1	14	1	320	320	6.0	KO	4	1	1958	3
2	16	1	630	630	6.0	KP	3	1	1942	3
3	18	1	400	400	6.0	KB	3	1	1940	3
4	19	1	630	630	6.0	KO	4	3	1940	3
5	26	1	630	630	6.0	KB	6	3	1935	2
6	27	2	400+630	1,030	6.0	KP	8	3	1939	3
7	28	2	400+630	1,030	6.0	KP	8	4	1961	3
8	29	2	630	1,260	6.0	KB	5	3	1930	4
9	30	3	2x560+630	1,750	6.0	KO	7	2	1968	4
10	35	1	400	400	6.0	KP	4	2	1935	3
11	37	2	630	1,260	6.0	KB	9	5	1975	4
12	38	2	630	1,260	6.0	KO	5	2	1938	3
13	39	2	320	640	6.0	KO	6	2	1946	4
14	83	2	320	640	6.0	KO	6	2	1966	4
15	85	1	630	630	6.0	KO	8	6	1936	3
16	90	1	320	320	6.0	KO	4	0	1951	3
17	92	1	630	630	6.0	KB	3	0	1956	4
18	99	2	630	1,260	6.0	KO	6	2	1946	4
19	104	1	630	630	6.0	KO	3	1	1949	4
20	114	1	630	630	6.0	KO	3	1	1956	4
21	118	1	320	320	6.0	KB	6	5	1960	3
22	120	1	400	400	6.0	KO	6	2	1954	4
23	121	2	320+400	720	6.0	KO	6	3	1956	3
24	123	2	630+400	1,030	6.0	KO	6	2	1968	4
25	124	3	320+2x400	1,120	6.0	KB	7	5		3
26	130	2	630	1,260	6.0	KO	12	10	1950	9
27	131	1	320	320	6.0	KO	5	1	1976	3
28	132	1	1,000	1,000	6.0	KO	4	2	1951	4
29	134	1	630	630	6.0	KO	5	2	1940	4
30	135	1	630	630	6.0	PMT	3	0	1958	4
31	136	1	630	630	6.0	KP	4	2	1954	4
32	137	1	560	560	6.0	KO	5	2	1954	4
33	139	1	320	320	6.0	KO	4	2	1956	4
34	142	1	320	320	6.0	PMT	7	5	1995	4
35	143	1	400	400	6.0	KO	4	1	1955	4
36	144	2	250+560	810	6.0	KB	4	2	1950	4
37	148	1	630	630	6.0	PMT	4	0	1974	9
38	157	1	400	400	6.0	KO	4	1		9
39	172	1	320	320	6.0	KB	4	1	1953	4
40	174	1	320	320	6.0	KB	5	1	1954	4
41	181	1	320	320	6.0	PMT	2	0	1966	3
42	204	3	560+2x630	1,820	6.0	KO	7	6	1941	4
43	206	1	400	400	6.0	KB	4	1	1954	4
44	207	1	320	320	6.0	KO	4	1	1954	4
45	208	2	560+630	1,190	6.0	KO	7	4	1958	3
46	216	1	560	560	6.0	KO	4	0	1958	4
47	222	2	400+630	1,030	6.0	KO	7	4	1956	4
48	235	1	630	630	6.0	KO	4	1	1956	4
49	238	1	320	320	6.0	KO	4	2	1956	4
50	259	2	560+400	960	6.0	KO	7	3	1973	4
51	260	1	320	320	6.0	KB	4	2	1958	3
52	261	2	560	1,120	6.0	KO	14	4	1963	9
53	272	1	630	630	6.0	KO	4	2	1962	3
54	273	1	400	400	6.0	KB	4	1	1956	3
55	277	1	250	250	6.0	KO	4	2	1969	4
56	288	2	400	800	6.0	KO	8	5		4
57	289	1	560	560	6.0	KO	4	1	1958	3
58	290	1	400	400	6.0	KB	4	2	1958	3

Appendix II.2.2-1(2) 6kV & 10kV Transformer Stations in Yasamal

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
59	292	1	320	320	6.0	KB	6	3	1969	4
60	293	1	400	400	6.0	PMT	4	1	1998	3
61	296	1	630	630	6.0	PMT	3	0	1957	4
62	297	1	400	400	6.0	KO	6	4	1962	3
63	298	1	560	560	6.0	KO	4	2	1961	4
64	299	1	630	630	6.0	KO	4	3	1958	3
65	314	1	560	560	6.0	PMT	4	1	1956	4
66	324	2	1000	2,000	6.0	KB	7	3	1960	4
67	327	3	2x560+630	1,750	6.0	KO	8	5	1959	3
68	338	1	630	630	6.0	KO	4	1	1959	4
69	340	3	2x320+560	1,200	6.0	KO	8	5	1967	3
70	341	3	2x320+750	1,390	6.0	KB	7	6	1962	17
71	342	1	1000	1,000	6.0	KO	4	2	1962	4
72	347	1	320	320	6.0	KO	4	0	1966	4
73	351	4	320	1,280	6.0	KO	14	8	1961	3
74	361	4	2x400+2x180	1,160	6.0	KB	6	0	1961	2
75	378	1	630	630	6.0	KB	4	1	1936	4
76	383	1	320	320	6.0	KB	4	2	1958	4
77	385	1	400	400	6.0	KO	4	1	1962	4
78	391	1	1,000	1,000	6.0	KO	5	2	1963	3
79	394	6	4x320+2x560	2,400	6.0	KO	12	8	1962	3
80	398	2	630	1,260	6.0	PMT	6	3	1962	4
81	412	2	320+400	720	6.0	PMT	6	2	1964	17
82	413	2	320	640	6.0	KO	6	2	1962	3
83	416	2	630	1,260	6.0	KO	6	2	1968	4
84	417	1	320	320	6.0	KP	4	1	1968	9
85	418	2	400	800	6.0	KO	4	3		9
86	423	1	400	400	6.0	PMT	3	0	1963	4
87	427	2	320	640	6.0	KO	6	2	1990	17
88	438	2	630	1,260	6.0	KO	7	2	1987	4
89	445	2	320	640	6.0	KO	6	1	1965	4
90	454	1	320	320	6.0	KO	4	1	1964	3
91	457	1	560	560	6.0	KO	4	1	1964	3
92	460	2	180	360	6.0	KO	6	2	1968	4
93	468	1	400	400	6.0	PMT	3	0	1977	3
94	471	2	560	1,120	6.0	KO	6	4	1964	4
95	472	1	630	630	6.0	KO	4	1	1965	4
96	477	1	320	320	6.0	KO	4	2	1965	3
97	490	1	320	320	6.0	KO	4	1	1965	17
98	494	1	400	400	6.0	KO	4	1	1965	4
99	496	2	630	1,260	6.0	KO	6	2	1965	17
100	497	1	560	560	6.0	KO	4	1	1965	17
101	498	2	400	800	6.0	KO	6	2	1967	3
102	504	1	250	250	6.0	PMT	3	0	1966	4
103	506	2	320	640	6.0	KO	6	2	1966	4
104	508	1	400	400	6.0	KO	4	1	1966	4
105	514	1	630	630	6.0	PMT	3	0	1996	3
106	516	2	320	640	6.0	KO	6	2	1986	3
107	518	1	560	560	6.0	KO	5	2		17
108	529	1	320	320	6.0	KO	4	3	1953	4
109	536	2	320	640	6.0	KO	6	2	1967	9
110	549	2	630	1,260	6.0	KO	7	2	1975	4
111	551	2	400	800	6.0	KO	6	2	1969	3
112	554	2	630	1,260	6.0	KO	6	2	1969	2
113	568	2	630	1,260	6.0	KB	6	2	1969	17
114	603	1	630	630	6.0	PMT	3	0	1971	3
115	619	1	630	630	6.0	KO	13	3	1972	9
116	629	2	360+630	990	6.0	KO	7	2	1973	17
117	630	2	630	1,260	6.0	KO	6	2	1972	17

Appendix II.2.2-1(2) 6kV & 10kV Transformer Stations in Yasamal

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
118	634	2	1000	2,000	6.0	KP	13	7	1984	4
119	635	2	400+320	720	6.0	KO	6	2	1977	9
120	641	2	320+400	720	6.0	KO	7	2	1974	4
121	669	2	400+320	720	6.0	KO	7	2	1975	4
122	677	1	400	400	6.0	PMT	2	0	1995	3
123	679	1	630	630	6.0	PMT	3	0	1996	9
124	684	1	320	320	6.0	PMT	1	0	1985	9
125	688	2	320+400	720	6.0	KO	7	2	1955	4
126	705	2	630	1,260	6.0	KO	7	2	1977	2
127	707	2	630	1,260	6.0	KO	7	2	1977	4
128	709	2	1,000+630	1,630	6.0	KO	8	3	1978	2
129	710	2	630	1,260	6.0	KO	19	13	1987	2
130	711	2	400+630	1,030	6.0	KO	9	4	1978	4
131	716	2	400	800	6.0	ОПСР	2	0	1977	2
132	744	1	400	400	6.0	PMT	3	0	1979	9
133	751	2	630	1,260	6.0	KO	7	2	1980	4
134	758	2	1,000	2,000	6.0	KO	6	2	1982	2
135	782	2	400	800	6.0	KO	7	2	1980	3
136	810	1	250	250	6.0	PMT	3	0	1983	9
137	816	2	630	1,260	6.0	KO	7	2	1986	4
138	839	1	630	630	6.0	PMT	3	0	1988	9
139	842	1	400	400	6.0	PMT	3	0	1980	9
140	845	2	1,000	2,000	6.0	KO	8	6	1989	17
141	849	2	400	800	6.0	KP	6	2	1990	17
142	852	2	1,000	2,000	6.0	KO	6	2	1994	17
143	853	2	630	1,260	6.0	KO	6	2	1994	17
144	888	1	250	250	6.0	PMT	3	-	1993	3
145	900	2	630	1,260	6.0	KO	9	6	1994	9
146	901	2	630	1,260	6.0	KO	8	6	1994	9
147	914	1	250	250	6.0	KO	3	0	1990	4
148	969	1	160	160	6.0	PMT	3	0	1969	3
149	979	1	400	400	6.0	PMT	3	0	1998	4
150	985	1	630	630	6.0	KO	2	0	1998	4
151	1032	1	250	250	6.0	PMT	3	0	1999	4
152	3298	2	630	1,260	6.0	KO	9	6	1989	4
<b>Subtotal</b>		<b>236</b>		<b>118,540</b>			<b>834</b>	<b>332</b>		
<b>(10kV)</b>										
1	3	1	400	400	10.0	KP	5	2	1956	3
2	42	2	400	800	10.0	KO	8	4	1966	17
3	84	1	400	400	10.0	KO	4	0	1936	3
4	122	2	400	800	10.0	KO	6	3	1956	3
5	141	1	400	400	10.0	KO	5	2	1946	4
6	266	1	400	400	10.0	PMT	4	0	1971	17
7	295	1	630	630	10.0	PMT	3	0	1959	17
8	300	2	400	800	10.0	KO	6	2	1967	17
9	337	2	400	800	10.0	KO	6	2	1965	17
10	352	2	630	1,260	10.0	KO	6	1	1956	17
11	353	2	630	1,260	10.0	KO	6	3	1956	17
12	355	2	400+630	1,030	10.0	KO	6	3	1959	4
13	373	1	630	630	10.0	KO	4	2	1973	17
14	382	2	630	1,260	10.0	KO	7	2	1975	17
15	386	1	400	400	10.0	PMT	3	0	1996	17
16	398	2	630	1,260	10.0	KO	7	2	1990	4
17	409	2	630	1,260	10.0	KO	4	1	1962	3
18	428	2	400	800	10.0	KO	6	2	1963	17
19	429	2	400	800	10.0	KO	6	4	1963	4
20	430	2	400	800	10.0	KO	6	3	1963	17
21	433	3	160+2x400	960	10.0	KO	8	2	1969	3
22	437	2	630	1,260	10.0	KO	9	6	1994	3

Appendix II.2.2-1(2) 6kV & 10kV Transformer Stations in Yasamal

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
23	439	1	400	400	10.0	PMT	5	2	1964	17
24	445	2	630	1,260	10.0	KO	9	6	1989	4
25	446	2	400	800	10.0	KO	6	2	1964	17
26	447	2	400	800	10.0	KO	6	2	1964	17
27	448	2	630	1,260	10.0	KO	7	2	1988	3
28	465	2	1,000	2,000	10.0	KO	14	11	1964	9
29	466	1	400	400	10.0	PMT	3	0	1977	17
30	467	2	400	800	10.0	KO	7	1	1975	4
31	469	2	1,000	2,000	10.0	KO	8	4	1966	3
32	489	1	400	400	10.0	PMT	2	0	1979	4
33	524	1	630	630	10.0	KO	4	1	1967	17
34	541	2	400+630	1,030	10.0	KP	6	2	1969	17
35	557	2	400	800	10.0	KO	6	2	1990	4
36	561	2	630	1,260	10.0	KO	8	4	1976	3
37	570	1	630	630	10.0	PMT	3	0	1975	17
38	571	2	630	1,260	10.0	KO	14	8	1984	9
39	580	1	400	400	10.0	PMT	3	0	1969	4
40	588	1	160	160	10.0	PMT	3	0	1996	17
41	599	2	400	800	10.0	KO	6	2	1972	17
42	624	2	630	1,260	10.0	KO	8	2	1976	3
43	625	2	400+630	1,030	10.0	KO	9	2	1980	4
44	647	4	2x1000+2x630	3,260	10.0	KO	12	7	1994	9
45	651	2	250	500	10.0	KO	7	4	1991	9
46	660	2	250	500	10.0	KO	26	19	1976	3
47	664	2	630	1,260	10.0	KO	9	4	1974	4
48	670	2	400+630	1,030	10.0	KO	7	1	1975	17
49	680	2	560+630	1,190	10.0	KO	13	6	1976	3
50	687	1	400	400	10.0	PMT	3	0	1991	17
51	689	2	400	800	10.0	KO	7	2	1976	3
52	700	2	630	1,260	10.0	KO	20	15	1976	17
53	703	2	160	320	10.0	KO	7	3	1976	9
54	715	2	630	1,260	10.0	PMT	7	2	1977	Y
55	748	2	400	800	10.0	KO	6	2	1979	17
56	750	2	400	800	10.0	KO	9	3	1979	17
57	752	2	630	1,260	10.0	KO	9	4	1980	4
58	755			0	10.0	KO			1979	2
59	765	2	630	1,260	10.0	KO	16	10	1981	4
60	776	2	630	1,260	10.0	KO	7	2	1982	4
61	793	2	400	800	10.0	KO	9	6	1984	9
62	795	2	630	1,260	10.0	KO	6	2	1985	17
63	796	2	400	800	10.0	KO	5	2	1985	3
64	797	2	400	800	10.0	KO	4	0	1985	3
65	798	2	400	800	10.0	KO	4	0	1985	3
66	799	2	400	800	10.0	KO	6	4	1985	17
67	800	0	-	-	10.0	KO	14	9	1985	3
68	801	2	630	1,260	10.0	KO	6	2	1985	17
69	802	2	400	800	10.0	KO	7	2	1985	3
70	814	2	250	500	10.0	KO	8	4	1985	17
71	829	2	1,000	2,000	10.0	KO	9	6	1987	4
72	833	1	400	400	10.0	KO	2	0	1988	3
73	841	2	1000	2,000	10.0	PTII	16	9	1998	9
74	846	2	1000	2,000	10.0	KO	9	6	1990	17
75	847	2	630	1,260	10.0	KO	7	4	1990	17
76	848	2	630	1,260	10.0	KO	7	4	1990	17
77	850	2	1,000	2,000	10.0	KO	16	8	1994	17
78	851	2	630	1,260	10.0	KO	6	2	1994	17
79	883	2	400	800	10.0	KO	9	6	1993	4
80	887	2	630	1,260	10.0	KO	7	4	1993	9
81	890	1	160	160	10.0	PMT	3	-	1993	3

Appendix II.2.2-1(2) 6kV & 10kV Transformer Stations in Yasamal

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
82	898	2	630	1,260	10.0	KO	9	6	1994	4
83	899	2	630	1,260	10.0	KO	9	6	1994	17
84	907	1	250	250	10.0	PMT	3	0	1995	3
85	908	1	400	400	10.0	PMT	3	0	1995	3
86	911	1	250	250	10.0	PMT	3	0	1995	4
87	913	2	250	500	10.0	KO	7	4	1996	17
88	921	2	630	1,260	10.0	KO	7	4	1996	4
89	947	1	250	250	10.0	PMT	3	-	1997	17
90	956	1	160	160	10.0	PMT	3	-	1997	17
91	965	1	250	250	10.0	PMT	3	0	1997	9
92	1046	2	1,000	2,000	10.0	KO	6	2	1999	3
93	1047	1	400	400	10.0	PMT	3	0	1999	Y
94	1048	2	1,000	2,000	10.0	KO	6	2	1999	4
95	3266	2	630	1,260	10.0	KO	6	2	1971	17
<b>Subtotal</b>		<b>165</b>		<b>88,670</b>			<b>658</b>	<b>289</b>		
<b>Grand Total</b>		<b>401</b>		<b>207,210</b>			<b>1,492</b>	<b>621</b>		

Appendix II.2.2-1(3) 6kV & 10kV Transformer Stations in Nasimi

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
(6kV)										
1	15	1	400	400	6.0	KO	3	1	1941	3
2	44	2	320+630	950	6.0	KP	4	1	1938	2
3	45	1	630	630	6.0	KP	4	4	1950	5
4	46	0	-	-	6.0	KP	1	1	1972	5
5	47	2	400+630	1,030	6.0	KB	4	2	1935	3
6	48	2	320+630	950	6.0	KB	6	3	1935	3
7	50	1	630	630	6.0	KP	4	2	1953	3
8	51	2	400+630	1,030	6.0	KP	4	2	1960	3
9	52	2	630	1,260	6.0	KO	15	7	1980	5
10	64	3	2x630+400	1,660	6.0	KO	19	12	1970	5
11	65	1	400	400	6.0	KB	6	2	1961	5
12	67	2	400	800	6.0	KB	12	6	1928	6
13	68	2	400+630	1,030	6.0	KO	9	4	1930	6
14	71	1	400	400	6.0	KB	5	2	1961	5
15	75	2	320+630	950	6.0	KP	6	4	1928	5
16	76	1	320	320	6.0	KB	3	1	1979	5
17	78	1	630	630	6.0	KP	4	1	1973	5
18	79	1	630	630	6.0	KB	4	1	1940	5
19	81	2	400+320	720	6.0	KB	6	3	1952	5
20	86	1	400	400	6.0	KO	10	4	1964	6
21	87	1	630	630	6.0	KO	4	2	1933	6
22	89	2	630	1,260	6.0	KO	8	6	1960	6
23	93	1	315	315	6.0	KO	4	2	1936	5
24	94	2	630	1,260	6.0	KO	9	4	1978	5
25	96	2	400+630	1,030	6.0	KO	21	16	1965	6
26	106	2	400	800	6.0	KO	6	2	1973	5
27	115	1	400	400	6.0	PMT	3	0		9
28	126	2	630	1,260	6.0	KO	7	2	1991	5
29	138	1	630	630	6.0	KO	4	3	1958	5
30	145	2	320	640	6.0	KO	5	2	1965	6
31	150	1	400	400	6.0	PMT	3	0	1987	6
32	151	2	320+400	720	6.0	KO	5	4	1955	9
33	154	1	630	630	6.0	KO	6	4	1959	5
34	155	1	630	630	6.0	KO	4	2	1954	5
35	156	1	320	320	6.0	KP	4	1	1954	5
36	158	1	630	630	6.0	KO	4	1	1948	5
37	170	1	320	320	6.0	KO	4	1	1949	6
38	173	1	630	630	6.0	KO	4	3	1949	5
39	175	2	400	800	6.0	KO	6	4	1952	6
40	176	1	320	320	6.0	KP	5	1	1958	6
41	177	1	320	320	6.0	KO	4	1	1957	6
42	178	1	320	320	6.0	KB	4	1	1958	6
43	180	1	320	320	6.0	KO	4	1	1958	5
44	183	1	630	630	6.0	KO	4	2	1957	9
45	188	2	320+630	950	6.0	KO	5	3	1960	9
46	189	1	630	630	6.0	PMT	1	0	1956	4
47	197	1	560	560	6.0	KO	4	0	1957	9
48	199	2	100+320	420	6.0	KO	6	2	1963	9
49	203	2	320	640	6.0	KP	8	5	1960	9
50	210	2	320	640	6.0	KO	4	1	1976	4
51	214	1	320	320	6.0	KO	4	1	1947	5
52	217	2	320	640	6.0	KB	7	6	1960	5
53	221	2	630	1,260	6.0	KO	6	5	1956	9
54	223	1	630	630	6.0	KB	9	6	1987	5
55	224	2	400+630	1,030	6.0	KO	8	4	1987	5
56	225	1	400	400	6.0	KP	4	2	1938	5
57	226	2	180	320	6.0	KB	3	0	1939	6
58	228	2	400+630	1,030	6.0	KO	6	2	1976	5



Appendix II.2.2-1(3) 6kV & 10kV Transformer Stations in Nasimi

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
59	229	1	630	630	6.0	KO	3	1	1959	5
60	231	2	560	1,120	6.0	KO	6	2	1964	6
61	232	2	630+560	1,190	6.0	KO	5	3	1960	9
62	233	2	320	640	6.0	KO	5	3	1960	9
63	234	0	-	-	6.0	KB	1	1	1972	5
64	240	2	320	640	6.0	KO	6	3	1944	5
65	241	3	100+2x560	1,220	6.0	KO	10	8	1958	5
66	242	2	320+400	720	6.0	KO	4	1	1958	5
67	243	2	630	1,260	6.0	KO	13	7	1960	5
68	244	2	630	1,260	6.0	KO	9	7	1960	5
69	245	2	630	1,260	6.0	KP	7	5	1950	5
70	246	6	4x250+40+50	1,090	6.0	KB	6	5	1950	5
71	248	2	560+800	1,360	6.0	KO	7	7	1950	5
72	250	2	1000	2,000	6.0	KO	7	3	1960	5
73	255	1	320	320	6.0	KB	6	1	1950	5
74	256	1	400	400	6.0	KO	4	1	1966	6
75	265	1	630	630	6.0	KB	4	2	1965	5
76	271	1	630	630	6.0	KO	6	4	1948	5
77	279	3	2x400+320	1,120	6.0	KO	9	4	1949	5
78	302	2	400+630	1,030	6.0	KO	6	2	1963	6
79	309	2	630	1,260	6.0	KO	7	2	1979	5
80	310	1	320	320	6.0	KO	4	2	1959	5
81	313	1	320	320	6.0	KO	4	2	1962	9
82	323	1	400	400	6.0	KO	4	1	1960	6
83	326	1	320	320	6.0	KO	5	3	1959	5
84	332	2	320	640	6.0	KO	6	2	1960	5
85	334	2	400+630	1,030	6.0	KO	4	1	1960	5
86	336	1	630	630	6.0	KO	5	2	1962	9
87	345	2	20	40	6.0	KO	13	8	1960	5
88	360	2	400+630	1,030	6.0	KO	9	5	1974	9
89	371	2	630	1,260	6.0	KO	7	2	1982	5
90	379	2	630	1,260	6.0	KO	7	2	1965	5
91	380	2	320	640	6.0	KO	6	2	1962	9
92	381	2	630	1,260	6.0	KO	6	2	1960	9
93	395	2	400+630	1,030	6.0	KB	5	2		9
94	396	1	630	630	6.0	KO	4	2	1979	6
95	400	3	630+400+320	1,350	6.0	KB	7	1	1962	5
96	414	1	320	320	6.0	KO	4	1	1962	5
97	419	1	320	320	6.0	KO	4	2	1962	9
98	420	2	160	320	6.0	KO	16	9	1973	9
99	422	2	400	800	6.0	KO	9	4	1978	6
100	424	2	320+630	950	6.0	KO	6	4	1963	9
101	426	1	320	320	6.0	KO	7	3	1963	5
102	435	1	560	560	6.0	KO	4	2		9
103	444	2	630+400	1,030	6.0	KO	6	2	1964	9
104	450	5	630	3,150	6.0	KP	14	10	1972	5
105	463	1	630	630	6.0	KO	4	1	1968	4
106	464	1	400	400	6.0	PMT	3	0		5
107	470	1	630	630	6.0	KO	4	1	1964	9
108	478	1	320	320	6.0	KP	4	3	1950	6
109	484	2	400+315	715	6.0	KO	6	2	1965	9
110	485	2	560+630	1,190	6.0	KO	6	2	1965	9
111	491	2	560	1,120	6.0	KO	6	4	1965	9
112	492	2	630+320	1,060	6.0	KO	9	3	1967	5
113	493	2	630	1,260	6.0	KO	6	2	1965	9
114	495	2	320+400	720	6.0	KO	6	2	1965	9
115	501	0	-	-	6.0	KP	2	1	1965	9
116	502	1	400	400	6.0	KO	2	1	1966	9
117	505	4	630	2,520	6.0	KB	14	4	1957	5

Appendix II.2.2-1(3) 6kV & 10kV Transformer Stations in Nasimi

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
118	509	2	320	640	6.0	KP	6	3	1966	9
119	510	2	320	640	6.0	KP	6	2	1966	9
120	511	2	320	640	6.0	KO	6	3	1966	9
121	522	1	320	320	6.0	KO	4	1	1967	6
122	526	1	630	630	6.0	KB	3	0	1930	6
123	532	1	320	320	6.0	KO	4	1	1964	5
124	560	1	400	400	6.0	KO	4	1	1971	6
125	575	1	400	400	6.0	KO	4	2	1970	5
126	592	1	180	180	6.0	PMT	3	0	1971	6
127	594	1	400	400	6.0	PMT	3	0	1972	9
128	596	1	400	400	6.0	PMT	3	0	1976	9
129	614	1	400	400	6.0	PMT	3	0	1972	5
130	623	2	630	1,260	6.0	KO	7	2	1973	6
131	636	1	250	250	6.0	KO	4	1	1974	9
132	662	2	400	800	6.0	KO	7	2	1974	5
133	723	2	630	1,260	6.0	KO	9	2	1977	6
134	745	1	320	320	6.0	PMT	2	0	1979	5
135	747	1	630	630	6.0	KO	3	0	1979	4
136	754	0	-	-	6.0	KO	18	10	1980	5
137	760	1	400	400	6.0	PMT	3	0	1996	7
138	779	1	400	400	6.0	PMT	3	0	1983	5
139	783	2	320	640	6.0	KO	9	4	1983	4
140	815	1	320	320	6.0	PMT	3	0	1985	5
141	823	1	320	320	6.0	PMT	3	0	1986	9
142	831	2	1,000	2,000	6.0	KO	9	4	1987	5
143	835	1	250	250	6.0	PMT	3	0	1987	6
144	838	1	400	400	6.0	PMT	3	0		6
145	955	2	250	500	6.0	KO	5	2	1997	4
146	958	1	160	160	6.0	PMT	3	0	1997	2
147	959	1	100	100	6.0	PMT	3	-	1997	9
148	1006	4	2x320+2x180	1,000	6.0	KP	12	6	1992	6
149	1022			0	6.0				1999	5
150	1031	1	630	400	6.0	PMT	3	0	1999	5
151	1034	1	400	400	6.0	PMT	3	0	1999	6
152	2021				6.0					6
<b>Subtotal</b>		<b>235</b>		<b>107,360</b>			<b>869</b>	<b>385</b>		
<b>(10kV)</b>										
1	24	1	400	400	10.0	PMT	3	0	1986	5
2	31	2	1,000	2,000	10.0	KO	24	14	1977	6
3	46	2	630	1,260	10.0	KP	7	3	1972	5
4	58	1	630	630	10.0	KO	4	1	1927	3
5	62	3	2x630+400	1,660	10.0	KO	8	4	1984	5
6	199	2	400	800	10.0	KO	6	2	1963	9
7	209	2	320+560	880	10.0	KO	6	2	1964	9
8	218	1	630	630	10.0	KO	4	1	1950	6
9	230	1	630	630	10.0	PMT	3	0	1982	5
10	234	2	630	1,260	10.0	KB	7	2	1972	5
11	331	1	400	400	10.0	KO	4	0	1963	6
12	357	2	630	1,260	10.0	KO	8	1	1979	9
13	358	1	630	630	10.0	PMT	3	0	1958	9
14	384	1	400	400	10.0	KO	4	2	1961	9
15	397	1	180	180	10.0	PMT	2	0		9
16	408	2	400	800	10.0	KO	6	2	1962	9
17	421	2	400+630	1,030	10.0	KO	6	4	1962	9
18	432	2	560	1,120	10.0	KO	10	7	1974	9
19	434	2	400	800	10.0	KO	6	2	1963	9
20	436	2	320+400	720	10.0	KO	6	2	1963	9
21	440	2	630	1,260	10.0	KO	7	2	1964	9
22	449	2	400+630	1,030	10.0	KO	6	2	1964	9

Appendix II.2.2-1(3) 6kV & 10kV Transformer Stations in Nasimi

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
23	459	2	400	800	10.0	KO	6	2	1964	9
24	461	2	320+400	720	10.0	KO	6	2	1964	9
25	479	2	315+400	715	10.0	KO	5	1	1964	9
26	481	2	1,000	2,000	10.0	KO	12	6	1996	9
27	501	2	400	800	10.0	KP	4	2	1965	9
28	502	1	400	400	10.0	KO	4	1	1966	9
29	521	2	400	800	10.0	KO	6	2	1966	9
30	523	2	1,000	2,000	10.0	KO	8	7	1967	6
31	530	2	630	1,260	10.0	KB	13	11	1967	9
32	538	2	400+630	1,030	10.0	KO	6	2	1968	9
33	539	2	630	1,260	10.0	KO	6	2	1968	9
34	552	2	630	1,260	10.0	KO	6	2	1969	9
35	611	2	630	1,260	10.0	KO	6	2	1971	9
36	612	2	630	1,260	10.0	KO	6	2	1971	9
37	613	2	630	1,260	10.0	KO	6	2	1972	9
38	615	6	1000+5x630	4,150	10.0	PMT	13	4	1972	5
39	616	2	630	1,260	10.0	KO	6	2	1973	9
40	621	2	250	500	10.0	KO	6	2	1972	6
41	631	2	400+630	1,030	10.0	KO	6	2	1973	9
42	632	2	400	800	10.0	KO	6	2	1973	9
43	633	2	630	1,260	10.0	KO	8	3	1973	9
44	640	4	630	2,520	10.0	KO	18	8	1973	5
45	685	2	630	1,260	10.0	KO	9	4	1975	9
46	714	2	630	1,260	10.0	KO	7	3	1978	6
47	720	2	630	1,260	10.0	KB	9	4	1978	9
48	740	2	630	1,260	10.0	KO	24	18	1977	9
49	771	2	250	500	10.0	KO	10	6	1989	9
50	774	2	250	500	10.0	KO	7	2	1988	9
51	775	1	400	400	10.0	PMT	2	0	1981	5
52	778	1	630	630	10.0	PMT	3	0	1979	9
53	780	2	250	500	10.0	KO	9	4	1997	6
54	785	2	630	1,260	10.0	KO	7	2	1983	9
55	811	2	630	1,260	10.0	KO	16	7	1987	9
56	840	2	400	800	10.0	KO	9	4	1988	9
57	923	2	400	800	10.0	PMT	7	0	1996	2
58	925	1	630	630	10.0	PMT	3	-	1996	2
59	948	1	250	250	10.0	PMT	3	-	1997	2
60	960	1	100	100	10.0	PMT	3	-	1997	9
61	1036				10.0				1999	6
62	1059	1	25	25	10.0	PMT	1	0	1999	9
63	2091	1	630	630	10.0	KO	10	5		9
<b>Subtotal</b>		<b>115</b>		<b>61,450</b>			<b>442</b>	<b>181</b>		
<b>Grand Total</b>		<b>350</b>		<b>168,810</b>			<b>1,311</b>	<b>566</b>		

Appendix II.2.2-1(4) 6kV & 10kV Transformer Stations in Narimanov

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
(6kV)										
1	63	1	320	320	6.0	KO	4	2	1960	7
2	70	1	630	630	6.0	KO	5	2	1925	7
3	74	2	630	1,260	6.0	KO	6	2	1981	7
4	91	2	400+630	1,030	6.0	KO	9	5	1927	7
5	127	2	180+320	500	6.0	KO	7	2	1940	7
6	128	2	630	1,260	6.0	KO	7	3	1973	7
7	133	1	630	630	6.0	KO	4	2	1958	7
8	140	1	320	320	6.0	KP	4	2	1960	6
9	152	1	630	630	6.0	PMT	3	0	1958	7
10	159	1	320	320	6.0	PMT	3	1		6
11	160	2	400	800	6.0	KB	5	1	1960	6
12	161	2	400+630	1,030	6.0	KO	7	2	1974	6
13	163	1	630	630	6.0	KB	4	3	1956	7
14	164	1	630	630	6.0	KO	3	1	1980	7
15	165	1	400	400	6.0	KP	4	2	1940	7
16	166	1	320	320	6.0	KO	4	1	1950	7
17	167	2	630	1,260	6.0	KO	7	2	1985	7
18	168	1	630	630	6.0	KP	4	2	1949	7
19	171	2	630+400	1,030	6.0	KO	7	2	1975	9
20	182	2	320	640	6.0	KP	6	2	1960	6
21	185	1	320	320	6.0	KO	4	3	1957	9
22	186	1	320	320	6.0	KO	4	2	1959	6
23	187	1	630	630	6.0	KO	4	2	1959	6
24	190	1	320	320	6.0	KO	3	1	1957	6
25	192	1	320	320	6.0	PMT	3	1	1970	7
26	194	1	630	630	6.0	KO	4	2	1960	6
27	196	2	320+630	950	6.0	PMT	5	2	1966	9
28	202	2	630	1,260	6.0	KO	17	10	1945	7
29	205	2	400+630	1,030	6.0	KO	6	2	1952	7
30	211	1	400	400	6.0	KO	4	3	1960	6
31	212	1	320	320	6.0	KO	4	2	1960	6
32	213	1	560	560	6.0	KO	4	1	1956	6
33	219	2	400	800	6.0	KP	4	2	1993	7
34	251	3	100+2x560	660	6.0	KP	10	6		6
35	252	2	320+560	880	6.0	KO	8	5		6
36	254	2	560	1,120	6.0	KO	6	3	1964	6
37	262	1	630	630	6.0	PMT	4	2		7
38	264	2	630	1,260	6.0	KO	5	2		7
39	267	2	180	360	6.0	KO	6	1		6
40	268	1	400	400	6.0	KO	4	1	1950	6
41	280	2	400+630	1,030	6.0	KO	6	4	1940	7
42	281	1	400	400	6.0	KO	1	1	1953	7
43	282	2	400+630	1,030	6.0	KO	6	3	1950	7
44	283	2	400+630	1,030	6.0	KO	6	2	1960	7
45	284	1	630	630	6.0	KP	3	0	1943	7
46	285	1	630	630	6.0	KB	4	2	1950	7
47	287	1	630	630	6.0	KO	4	2	1946	7
48	308	2	180+630	810	6.0	KO	4	1	1960	7
49	312	1	400	400	6.0	PMT	3	0	1975	7
50	315	2	400	800	6.0	KO	6	3	1974	6
51	316	1	320	320	6.0	KO	4	2	1960	6
52	317	1	630	630	6.0	KO	4	1	1960	6
53	328	1	320	320	6.0	PMT	3	0	1988	6
54	343	1	630	630	6.0	KO	4	2	1961	6
55	344	2	400	800	6.0	KP	6	3		7
56	346	2	630+560	1,190	6.0	KP	9	5	1978	7
57	349	1	630	630	6.0	PMT	3	0	1960	7
58	350	1	180	180	6.0	KO	4	2	1962	7

Appendix II.2.2-1(4) 6kV & 10kV Transformer Stations in Narimanov

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
59	356	1	400	400	6.0	PMT	4	2	1962	7
60	362	1	400	400	6.0	PMT	3	0	1974	7
61	363	1	400	400	6.0	KO	4	2	1963	6
62	365	2	320+400	720	6.0	KO	8	3	1932	7
63	374	1	320	320	6.0	KO	4	2	1961	6
64	375	2	630+400	1,030	6.0	KO	6	2	1973	7
65	387	2	400+630	1,030	6.0	KO	7	2	1960	7
66	388	2	630	1,260	6.0	KO	6	2	1963	7
67	389	2	400	800	6.0	KO	6	2	1962	7
68	390	2	320+400	720	6.0	KO	6	2	1972	6
69	401	1	180	180	6.0	PMT	3	0		7
70	402	2	320	640	6.0	KO	7	2	1964	7
71	406	2	320+630	950	6.0	KO	6	2	1962	7
72	415	2	400+630	1,030	6.0	KO	7	2	1978	6
73	431	1	630	630	6.0	KO	4	2	1972	6
74	441	2	400+630	1,030	6.0	KO	6	2	1963	6
75	452	0	-	-	6.0	KO	2	0	1972	9
76	455	2	400	800	6.0	KO	6	4	1972	6
77	458	1	320	320	6.0	KO	5	2	1967	6
78	475	2	630	1,260	6.0	KO	7	2	1974	6
79	488	1	400	400	6.0	KO	5	2	1965	9
80	503	1	320	320	6.0	PMT	4	1	1966	7
81	507	2	320+400	720	6.0	KP	6	2	1969	7
82	515	2	630	1,260	6.0	KO	7	2	1964	6
83	531	1	630	630	6.0	PMT	3	0		7
84	533	1	630	630	6.0	PMT	3	0	1991	7
85	558	1	400	400	6.0	PMT	3	0	1969	7
86	569	1	630	630	6.0	PMT	3	0	1973	7
87	572	2	400+630	1,030	6.0	KO	6	3	1967	7
88	617	2	630	1,260	6.0	KO	9	4	1986	7
89	639	2	400+630	1,030	6.0	KO	6	2	1974	7
90	648	1	250	250	6.0	PMT	2	0	1999	6
91	663	1	250	250	6.0	PMT	3	0	1989	7
92	668	2	320	640	6.0	KO	9	4	1975	6
93	676	1	630	630	6.0	PMT	3	0	1974	7
94	678	2	250+400	650	6.0	KO	7	4	1974	7
95	692	2	320	640	6.0	KO	6	2	1976	7
96	701	2	320+400	720	6.0	KO	6	2	1978	7
97	702	2	630	1,260	6.0	KO	7	2	1977	6
98	708	2	320	640	6.0	KO	13	5	1977	6
99	712	2	400	800	6.0	KO	6	2	1979	7
100	756	2	400	800	6.0	KO	6	2	1979	7
101	757	2	400	800	6.0	KO	6	2	1978	7
102	772	1	400	400	6.0	KO	2	0	1981	6
103	773	1	630	630	6.0	PMT	3	0	1981	6
104	870	2	630	1,260	6.0	KO	8	2	1994	7
105	884	1	400	400	6.0	KO	8	4	1993	7
106	891	1	630	630	6.0	PMT	3	-	1994	6
107	902	2	320+250	570	6.0	KO	6	4	1995	7
108	915	1	400	400	6.0	KO	4	2	1995	7
109	919	1	630	630	6.0	KB	4	4	1996	7
110	977	1	400	400	6.0	PMT	3	0	1998	6
111	1020	1	400	400	6.0	PMT	3	0	1999	7
112	1037	1	100	100	6.0	PMT	3	0	1999	7
113	1038	1	630	630	6.0	PMT	3	0	1999	7
114	3312	2	400+630	1,030	6.0	KO	6	2	1990	7
<b>Subtotal</b>		<b>168</b>		<b>77,320</b>			<b>584</b>	<b>221</b>		

Appendix II.2.2-1(4) 6kV & 10kV Transformer Stations in Narimanov

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
<b>(10kV)</b>										
1	184	2	630	1,260	10.0	KO	7	4	1983	9
2	190	1	400	400	10.0	KO	3	1	1957	6
3	253	2	630	1,260	10.0	KO	6	2	1980	7
4	278	1	315	315	10.0	KB	4	2	1959	7
5	285	2	2x630	1,260	10.0	KO	6	2	1993	7
6	286	2	630+400	1,030	10.0	KO	7	2	1954	7
7	294	1	630	630	10.0	KB	4	2	1958	7
8	311	2	250	500	10.0	KB	4	2	1957	7
9	318	1	315	315	10.0	KB	3	0	1960	7
10	319	2	250	500	10.0	KO	6	2	1958	7
11	333	2	400	800	10.0	KO	6	2	1951	7
12	339	2	400+630	1,030	10.0	KO	6	1	1959	7
13	366	2	400	800	10.0	KO	6	2	1959	7
14	367	2	630	1,260	10.0	KO	6	2	1958	7
15	368	2	400	800	10.0	KP	6	2	1973	7
16	369	2	400	800	10.0	KO	7	3	1971	6
17	376	2	400	800	10.0	KO	6	2	1973	7
18	377	2	315+400	715	10.0	KO	6	2	1959	7
19	392	2	630+560	1,190	10.0	KO	6	2	1972	7
20	403	2	630	1,260	10.0	KO	6	2	1967	7
21	404	2	400+630	1,030	10.0	KO	6	2	1964	7
22	405	1	315	315	10.0	KO	4	2	1966	7
23	431	1	630	630	10.0	KO	3	1	1972	6
24	451	2	315+400	715	10.0	KO	6	2	1965	7
25	452	2	630+400	1,030	10.0	KO	5	2	1972	9
26	456	2	400	800	10.0	KO	4	1	1951	7
27	474	2	315+630	945	10.0	KO	6	1	1966	7
28	528	2	400	800	10.0	KP	6	4	1973	7
29	534	2	400+250	650	10.0	KO	8	4	1968	7
30	535	2	630	1,260	10.0	KP	6	2	1969	7
31	543	1	400	400	10.0	KO	4	1	1969	7
32	556	2	400+630	1,030	10.0	KO	6	2	1960	7
33	559	1	250	250	10.0	KO	4	1	1971	6
34	576	2	630	1,260	10.0	KO	8	2	1971	7
35	577	2	630	1,260	10.0	KO	6	2	1972	7
36	578	2	630	1,260	10.0	KO	6	2	1978	7
37	595	2	630	1,260	10.0	KO	7	3	1971	7
38	618	2	630	1,260	10.0	KO	6	1	1972	7
39	620	2	400	800	10.0	KO	16	12	1972	9
40	637	2	630	1,260	10.0	KO	6	2	1975	6
41	638	2	630	1,260	10.0	KO	6	2	1975	6
42	644	2	630	1,260	10.0	KO	16	12	1973	7
43	690	2	400	800	10.0	KO	11	4	1984	6
44	698	1	250	250	10.0	PMT	3	0	1996	7
45	706	2	630	1,260	10.0	KO	8	2	1974	6
46	721	1	400	400	10.0	PMT	3	0	1978	9
47	722	1	400	400	10.0	PMT	3	0	1989	7
48	730	2	630	1,260	10.0	KO	9	4	1973	6
49	781	2	630	1,260	10.0	KO	9	4	1983	6
50	786	1	630	630	10.0	PMT	3	0	1983	7
51	787	1	400	400	10.0	PMT	3	0	1983	7
52	788	1	400	400	10.0	PMT	3	0	1983	7
53	789	1	400	400	10.0	PMT	3	0	1983	7
54	804	2	630	1,260	10.0	KO	6	2	1985	7
55	812	1	400	400	10.0	PMT	3	0		7
56	824	1	250	250	10.0	KO	4	0	1986	7
57	830	2	400	800	10.0	KO	8	4		6
58	837	2	630	1,260	10.0	KO	9	4	1989	6

Appendix II.2.2-1(4) 6kV & 10kV Transformer Stations in Narimanov

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
59	859	2	630	1,260	10.0	KO	7	5	1991	9
60	861	1	400	400	10.0	PMT	3	0	1996	7
61	875			0	10.0					7
62	938	1	630	630	10.0	PMT	3	0	1997	7
63	949	1	250	250	10.0	PMT	3	-	1997	6
64	954	1	400	400	10.0	PMT	3	-	1997	6
65	973	1	630	630	10.0	PMT	3	0	1998	6
66	975	2	1,000	2,000	10.0	KO	6	2	1998	9
67	976	1	400	400	10.0	PMT	3	0	1998	7
68	3637	2	1,000	2,000	10.0	KO	6	2	1998	6
<b>Subtotal</b>		<b>111</b>		<b>57,060</b>			<b>381</b>	<b>135</b>		
<b>Grand Total</b>		<b>279</b>		<b>134,380</b>			<b>965</b>	<b>356</b>		

Appendix II.2.2-1(5) 6kV & 10kV Transformer Stations in Nizami

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
<b>(6kV)</b>										
1	24	1	560	560	6.0	KO	4	1	1975	8
2	34	2	630	1,260	6.0	KO	6	2		8
3	39	1	400	400	6.0	KO	6	0	1982	8
4	40	2	160	320	6.0	KO	6	2	1975	8
5	47	1	400	400	6.0	KO	4	0	1964	8
6	48	2	400	800	6.0	KO	6	2	1964	8
7	69	1	400	400	6.0	PMT	3	0	1986	8
8	72	1	400	400	6.0	PMT	3	0	1982	8
9	73	1	160	160	6.0	PMT	3	0	1982	8
10	79	2	400	800	6.0	KO	6	2	1979	8
<b>Subtotal</b>		<b>14</b>		<b>5,500</b>			<b>47</b>	<b>9</b>		
<b>(10kV)</b>										
1	1	1	400	400	10.0	KO	6	2	1965	8
2	2	2	400	800	10.0	KO	16	9	1989	8
3	3	2	320+400	720	10.0	KO	6	2	1965	8
4	4	2	400	800	10.0	KO	6	2	1965	8
5	5	2	630	1,260	10.0	KO	6	2	1965	8
6	6	2	630	1,260	10.0	KO	6	2	1970	8
7	7	2	630	1,260	10.0	KO	9	3	1974	8
8	7	1	250	250	10.0	KO	16	13	1974	8
9	8	1	400	400	10.0	KO	6	2	1973	8
10	9	2	630	1,260	10.0	KO	16	12	1970	8
11	10	1	0	0	10.0	PMT	3	0	1975	8
12	11	1	400	400	10.0	KO	4	1		8
13	12	2	400+315	715	10.0	KO	6	2	1968	8
14	13	2	160	320	10.0	KB	4	0	1995	8
15	14	1	400	400	10.0	KO	4	1	1968	8
16	15	2	630	1,260	10.0	KO	6	2	1982	8
17	16	2	315+250	565	10.0	KO	6	2	1970	8
18	17	1	630	630	10.0	KO	3	1	1968	8
19	18	2	400	800	10.0	KO	6	2	1995	8
20	19	2	400	800	10.0	KO	6	2	1972	8
21	20	1	400	400	10.0	KO	7	4	1950	8
22	21	1	400	400	10.0	KO	6	3	1950	8
23	22	2	400	800	10.0	KO	6	2	1950	8
24	23	1	400	400	10.0	KO	4	1		8
25	25	2	630	1,260	10.0	KO	6	2		8
26	26	2	320+400	720	10.0	KO	6	2	1950	8
27	27	1	400	400	10.0	KO	4	2	1958	8
28	28	2	630+320	950	10.0	KO	6	2	1975	8
29	29	2	630	1,260	10.0	KO	8	5	1953	8
30	30	2	630	1,260	10.0	KO	4	2	1964	8
31	31	1	400	400	10.0	KO	5	3	1962	8
32	32	2	400	800	10.0	KO	6	2	1958	8
33	33	2	630	1,260	10.0	KO	6	1	1958	8
34	35	1	320	320	10.0	KO	6	3	1963	8
35	36	1	400	400	10.0	KO	6	3	1958	8
36	37	1	630	630	10.0	KO	4	1	1987	8
37	38	2	400	800	10.0	KO	6	0	1973	8
38	40	1	400	400	10.0	PMT	3	0	1988	8
39	41	1	630	630	10.0	KO	4	2	1956	8
40	42	2	630	1,260	10.0	KO	8	4	1972	8
41	43	2	630	1,260	10.0	KO	6	2	1972	8
42	44	2	630	1,260	10.0	KO	6	3	1978	8
43	45			0	10.0	PMT			1950	8
44	46	1	400	400	10.0	KO	4	1	1964	8
45	49	2	630	1,260	10.0	KP	6	2	1967	8
46	50	2	630	1,260	10.0	KO	6	2	1967	8



Appendix II.2.2-1(5) 6kV & 10kV Transformer Stations in Nizami

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
47	51	2	560+630	1,190	10.0	KP	6	2		8
48	52	2	400+630	1,030	10.0	KO	6	2	1965	8
49	53	2	320+400	720	10.0	KO	6	1	1964	8
50	54	2	630	1,260	10.0	KP	6	2	1966	8
51	55	2	400	800	10.0	KO	6	1	1964	8
52	56	2	400	800	10.0	KO	6	2	1965	8
53	57	2	630	1,260	10.0	KO	6	1	1966	8
54	58	2	400	800	10.0	KO	6	1	1965	8
55	59	2	630	1,260	10.0	KO	6	0	1965	8
56	60	2	400	800	10.0	KB	7	3	1965	8
57	61	2	630	1,260	10.0	KO	20	14	1945	8
58	62	2	630	1,260	10.0	KO	6	2	1978	8
59	63	2	630	1,260	10.0	KO	6	2	1973	8
60	64	2	630	1,260	10.0	KO	6	2	1973	8
61	65	2	630	1,260	10.0	KO	6	2	1972	8
62	66	2	630	1,260	10.0	KO	8	4	1974	8
63	67	2	630	1,260	10.0	KO	6	2	1977	8
64	68	2	630	1,260	10.0	KP	6	2	1973	8
65	70	2	400	800	10.0	KP	6	2	1970	8
66	71	2	400	800	10.0	KP	6	2	1966	8
67	72	2	320+400	720	10.0	KP	6	2	1966	8
68	73	2	400+630	1,030	10.0	KP	6	2	1966	8
69	74	2	400+315	715	10.0	KP	6	2	1966	8
70	75	2	560+630	1,190	10.0	KP	6	3	1967	8
71	76	2	400	800	10.0	KP	6	2	1964	8
72	77	1	400	400	10.0	KP	6	2	1965	8
73	78	2	400+630	1,030	10.0	KP	8	4	1965	8
74	80	2	1000	2,000	10.0	KP	9	6	1985	8
75	81	2	630	1,260	10.0	KP	6	2	1979	8
76	82	2	630	1,260	10.0	KP	6	2	1985	8
77	83	2	630	1,260	10.0	KP	6	2	1988	8
78	84				10.0	KO				8
79	85	2	630	1,260	10.0	KO	8	6	1988	8
80	86	1	400	400	10.0	PMT	3	0	1985	8
81	87	2	1000	2,000	10.0	KP	6	2	1988	8
82	88	2	630	1,260	10.0	KO	6	2	1989	8
83	856	2	250	500	10.0	KO	6	2	1991	8
84	871	1	400	400	10.0	PMT	3	0	1992	8
85	873	1	400	400	10.0	PMT	3	0	1982	8
86	880	2	400	800	10.0	KO	8	4	1994	8
87	886	2	630	1,260	10.0	KO	8	4	1993	8
88	892	2	400	800	10.0	KO	6	2	1994	8
89	909	1	160	160	10.0	PMT	3	0	1995	8
90	920	1	630	630	10.0	PMT	3	0	1996	8
91	924	1	100	100	10.0	PMT	3	0	1996	8
92	943	2	250	500	10.0	KO	6	2	1997	8
93	957	2	400	800	10.0	KO	6	2	1997	8
94	982	1	400	400	10.0	PMT	3	0	1998	8
95	984	1	1000	1,000	10.0	KO	1	0	1998	8
96	1030	1	160	160	10.0	PMT	3	0	1998	8
97	1041	1	230	230	10.0	PMT	3	0	1999	8
98	1041	1	230	230	10.0	PMT	3	0		8
99	1044			0	10.0				1999	8
100	1058	1	400	400	10.0	PMT	1	0	1999	8
<b>Subtotal</b>		<b>163</b>		<b>81,445</b>			<b>580</b>	<b>220</b>		
<b>Grand Total</b>		<b>177</b>		<b>86,945</b>			<b>627</b>	<b>229</b>		

Appendix II.2.2-1(6) 6kV & 10kV Transformer Stations in Khatai

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
(6kV)										
1	18	1	560	560	6.0	KO	4	1		13
2	19	1	630	630	6.0	PMT	3	0	1972	20
3	21	1	630	630	6.0	PMT	3	0	1985	20
4	22	1	630	630	6.0	PMT	3	0	1950	20
5	23	2	400	800	6.0	KO	4	1	1940	20
6	25	1	400	400	6.0	PMT	3	0		20
7	217	1	630	630	6.0	PMT				20
8	218			0	6.0	PMT				20
9	219	1	630	630	6.0	PMT				20
10	222			0	6.0	PMT				20
11	231	2	630+180	810	6.0	PMT	3	0	1979	20
12	234	3	630	1,890	6.0	KO				20
13	239	1	100	100	6.0	PMT				20
14	240	1	630	630	6.0	PMT	3	0	1960	20
15	242	2	320	640	6.0	KO				20
16	247	1		0	6.0	PMT				20
17	249			0	6.0	PMT	3	0		20
18	250	2	250+400	650	6.0	KO				20
19	258	1	400	400	6.0	PMT	3	0	1960	20
20	260	1	630	630	6.0	PMT				20
21	261	1	400	400	6.0	PMT				20
22	262	1	630	630	6.0	PMT	3	0	1930	20
23	263	2	400+630	1,030	6.0	KO				20
24	264	2	400	800	6.0	KO	6	2	1963	20
25	265	1	630	630	6.0	PMT	3	1	1963	20
26	266	1	400	400	6.0	PMT	3	0	1975	20
27	267	2	630	1,260	6.0	KO	4	3	1980	20
28	268	1	400	400	6.0	PMT	3	0	1984	20
29	269	1	400	400	6.0	PMT	3	0	1985	20
30	270	1	630	630	6.0	KO	6	4	1962	20
31	271	1	630	630	6.0	PMT	3	0	1991	20
32	275	3	320+2x560	1,440	6.0	KO	8	5	1983	5
33	276	1	180	180	6.0	KO	4	3		7
34	276	1	400	400	6.0	KO				20
35	281	1	630	630	6.0	KO				20
36	282	1	630	630	6.0	KO				20
37	283	1	400	400	6.0	KO				20
38	284	1	630	630	6.0	KO				20
39	287	1	630	630	6.0	KO				20
40	298	1	400	400	6.0	KO				20
41	601	1	320	320	6.0	KO	4	2		13
42	602	1	630	630	6.0	PMT	3	0		13
43	604	2	320+630	950	6.0	KO	6	2	1979	5
44	605	2	630+400	1030	6.0	KO	9	3	1974	5
45	671	2	630	1260	6.0	KO	12	8	1975	5
46	697	2	630	1260	6.0	KO	7	2	1976	5
47	726	2	320	640	6.0	KO	7	2	1978	5
48	836	2	400	800	6.0	KO	7	2	1988	5
49	876	2	630	1260	6.0	KO	8	4	1992	5
50	876	2	630+560	1,190	6.0	KO				20
51	906	1	630	630	6.0	PMT	3	0	1996	20
52	917	1	400	400	6.0	PMT	3	0		20
53	927			0	6.0	PMT				13
54	928	1	320	320	6.0	KO	4	3		13
55	929	1	630	630	6.0	KO	3	1	1973	13
56	930	1	400	400	6.0	PMT	3	0		13
57	936			0	6.0	PMT	3			20
58	945	1	100	100	6.0	PMT	3	0	1996	20

Appendix II.2.2-1(6) 6kV & 10kV Transformer Stations in Khatai

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
59	951	1	400	400	6.0	PMT	3	0		20
60	964	1	400	400	6.0	PMT	3	0		20
61	968	1	630	630	6.0	PMT	3	0	1998	7
62	1024	1	630	630	6.0	PMT	3	0	1999	5
63	1038	1	630	630	6.0	PMT	3	0	1999	20
64	1045	1	630	630	6.0	PMT	3	0	1999	20
65	1054	1		0	6.0	PMT	3	0	1999	20
66	1056	1	400	400	6.0	PMT	3	0	1999	20
67	1062	1	100	100	6.0	PMT	3	0	1999	20
68	1064	2	400	800	6.0	KO	6	2	2000	20
69	1067	1	100	100	6.0	PMT	3	0		20
70	1068	1	25	25	6.0	PMT				20
71	2702				6.0	PMT	3	0		20
72	3024	1	400	400	6.0	PMT	4	1	1984	20
73	3270	1	630	630	6.0	PMT				20
74	3289	2	630	1260	6.0	KO	7	2		5
<b>Subtotal</b>		<b>89</b>		<b>42,065</b>		<b>0</b>	<b>213</b>	<b>54</b>		
<b>(10kV)</b>										
1	99			0	10.0	KO				13
2	197	2	1,000	2,000	10.0	KO	6	2	1987	13
3	198	1	400	400	10.0	PMT	3	0	1985	13
4	199	1	400	400	10.0	PMT	3	0	1985	13
5	200	2	630+1000	1,630	10.0	KO	20	11	1977	13
6	201	2	400	800	10.0	KO	6	2	1986	13
7	202	2	630	1,260	10.0	KO	6	2	1980	13
8	203	2	630	1,260	10.0	KO	6	2	1978	13
9	204	2	630	1,260	10.0	KO	6	2	1977	13
10	205	2	630	1,260	10.0	KO	6	2	1980	13
11	206	2	630+1000	1,630	10.0	KO	6	2	1978	13
12	207	2	630+1000	1,630	10.0	KO	6	2	1985	13
13	208	2	400	800	10.0	PMT	8	2	1983	13
14	209	2	400	800	10.0	PMT	6	2	1983	13
15	210	2	400+630	1,030	10.0	PMT	6	2	1983	13
16	212	2	630	1,260	10.0	PMT	6	2	1983	13
17	213	2	630	1,260	10.0	PMT	6	2	1978	13
18	214	2	630	1,260	10.0	PMT	6	2	1980	13
19	215	2	400	800	10.0	KO	8	2	1980	13
20	216	2	630	1,260	10.0	KO	6	2	1980	13
21	217	2	400	800	10.0	KO	6	2	1981	13
22	218	2	630	1,260	10.0	KO	6	2	1983	13
23	219	2	630	1,260	10.0	KO	6	2	1983	13
24	220	2	1,000	2,000	10.0	KO	16	7	1983	13
25	221	2	630	1,260	10.0	KO	6	2	1985	13
26	222	2	630	1,260	10.0	KO	6	2	1985	13
27	223	2	630	1,260	10.0	KO	6	2	1985	13
28	224	2	630	1,260	10.0	KO	6	2	1985	13
29	225	2	630	1,260	10.0	KO	6	2	1982	13
30	226	2	630	1,260	10.0	KO	6	2	1982	13
31	227	2	630	1,260	10.0	KO	6	2	1982	13
32	228	2	630	1,260	10.0	KO	16	13	1986	13
33	229	2	630	1,260	10.0	KO	6	2	1984	13
34	230	2	630	1,260	10.0	KO	6	2	1983	13
35	232	2	630	1,260	10.0	KO	6	2	1986	13
36	234	2	630	1,260	10.0	KO	8	4	1985	13
37	235	2	630	1,260	10.0	KO	6	2	1985	13
38	236	2	630	1,260	10.0	KO	6	2	1985	13
39	237	2	630	1,260	10.0	KO	6	2	1985	13
40	238	2	630	1,260	10.0	KO	6	2	1985	13
41	239	2	630	1,260	10.0	KO	6	2	1990	13

Appendix II.2.2-1(6) 6kV & 10kV Transformer Stations in Khatai

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Commis. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
42	259	1	400	400	10.0	PMT	3	0	1990	13
43	260	2	630	1,260	10.0	KO	6	2	1988	13
44	261	1	630	630	10.0	PMT	3	0	1992	13
45	263	2	400	800	10.0	KO	6	2	1985	13
46	273	1	400	400	10.0	KO	3	0	1974	13
47	274	2	630+1000	1,630	10.0	KO	8	2	1988	13
48	275	2	400	800	10.0	KO	6	2	1967	13
49	276	1	630	630	10.0	KO	4	1	1969	13
50	277	2	630	1,260	10.0	KO	8	4	1970	13
51	278	2	630+400	1,030	10.0	KO	6	2	1970	13
52	279	2	630	1,260	10.0	KO	6	2	1971	13
53	280	2	630	1,260	10.0	KO	16	11	1974	13
54	281	2	630	1,260	10.0	KO	6	2	1976	13
55	282	2	630	1,260	10.0	KO	18	13	1975	13
56	283	2	630	1,260	10.0	KP	6	2	1972	13
57	284	2	630	1,260	10.0	KO	6	2	1975	13
58	285	2	630	1,260	10.0	KP	6	2	1975	13
59	286	2	630	1,260	10.0	KO	6	2	1973	13
60	287	2	630	1,260	10.0	KO	6	2	1973	13
61	288	2	630	1,260	10.0	KO	6	2	1974	13
62	289	2	630	1,260	10.0	KO	6	2	1974	13
63	290	2	630	1,260	10.0	KO	12	7	1975	13
64	291	2	630	1,260	10.0	KO	6	2	1975	13
65	292	2	630	1,260	10.0	KO	6	2	1975	13
66	293	2	400	800	10.0	KO	6	2	1975	13
67	294	2	400	800	10.0	KO	6	2	1975	13
68	295	2	630	1,260	10.0	KO	6	2	1975	13
69	296	2	400	800	10.0	KO	6	2	1975	13
70	297	2	630	1,260	10.0	KO	6	2	1975	13
71	298	2	630	1,260	10.0	KO	6	2	1975	13
72	299	2	400	800	10.0	KO	6	2	1980	13
73	300	2	630	1,260	10.0	KO	20	15	1975	13
74	301	2	630	1,260	10.0	KO	6	2	1979	13
75	303	2	400	800	10.0	KO	6	2	1979	13
76	304	2	400+630	1,030	10.0	KO	6	2	1978	13
77	305	2	400	800	10.0	KO	6	2	1977	13
78	306	2	400	800	10.0	KP	6	2	1977	13
79	308	2	400	800	10.0	KP	6	2	1977	13
80	309	2	250	500	10.0	KO	6	2	1979	13
81	311	2	400	800	10.0	KO	6	2	1978	13
82	312	2	400	800	10.0	KO	8	4	1976	13
83	313	2	630	1,260	10.0	KO	6	2	1976	13
84	314	2	630	1,260	10.0	KO	6	2	1976	13
85	315	2	630	1,260	10.0	KO	12	8	1978	13
86	316	2	630	1,260	10.0	KO	6	2	1979	13
87	317	2	630	1,260	10.0	KO	6	2	1976	13
88	318	2	250	500	10.0	KO	6	2	1980	13
89	319	2	400	800	10.0	KO	9	4	1980	13
90	320	2	400	800	10.0	KO	16	8	1980	13
91	321	2	400	800	10.0	KO	6	2	1980	13
92	322	2	630	1,260	10.0	KO	6	2	1979	13
93	323	2	630	1,260	10.0	KO	6	2	1980	13
94	326	2	630	1,260	10.0	KO	6	2	1980	13
95	327	2	630	1,260	10.0	KO	6	2	1980	13
96	328	2	630	1,260	10.0	KO	6	2	1980	13
97	329	2	400+630	1,030	10.0	KO	6	2	1981	13
98	331	2	630	1,260	10.0	KO	6	2	1982	13
99	332	2	400	800	10.0	KO	6	2	1982	13
100	333	2	400	800	10.0	KO	6	2	1982	13

Appendix II.2.2-1(6) 6kV & 10kV Transformer Stations in Khatai

No.	Tr. Station No.	Transformers			Primary Voltage (kV)	Type of Station	Number of Panel (nos)	Circuit Breaker (nos)	Comms. Year	Network Area
		Unit (nos)	Unit Cap. (kVA)	Total Cap. (kVA)						
101	334	2	630	1,260	10.0	KO	6	2	1985	13
102	335	2	630	1,260	10.0	KO	8	4	1986	13
103	336	2	400+630	1,030	10.0	KO	8	4	1986	13
104	363	2	1,000	2,000	10.0	KO	8	4	1987	13
105	839	2	630	1,260	10.0	KO	6	2	1987	13
106	863	2	630	1,260	10.0	KO	8	6	1992	13
107	867	1	100	100	10.0	PMT	3	0	1992	20
108	868	1	250	250	10.0	PMT	3	0	1992	20
109	878	1	400	400	10.0	PMT	3	0	1992	8
110	895	2	1,000	2,000	10.0	KO	6	2	1992	13
111	912	1	630	630	10.0	PMT	3	0	1995	13
112	916	2	400	800	10.0	KO	16	7	1996	13
113	918	2	630	1,260	10.0	KO	8	6	1994	13
114	931	1	630	630	10.0	KO	3	1	1981	20
115	932	1	630	630	10.0	PMT	4	0	1981	20
116	933	1	320	320	10.0	PMT	1	0	1973	20
117	934	1	560	560	10.0	PMT	3	0	1973	20
118	935	1	320	320	10.0	PMT	3	0	1960	20
119	963	1	250	250	10.0	KO	3	3	1997	13
120	1033	1	630	630	10.0	PMT	3	0	1999	20
121	1039	1	630	630	10.0	PMT	3	0	1999	20
122	1051	1	630	630	10.0	PMT	3	0	1999	20
123	1083	2	400	800	10.0	KO	6	4		13
<b>Subtotal</b>		<b>225</b>		<b>129,350</b>			<b>802</b>	<b>315</b>		
<b>Grand Total</b>		<b>314</b>		<b>171,415</b>			<b>1015</b>	<b>369</b>		

Appendix II.2.3-1(1) 6kV & 10kV Underground Cables in Sabail

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
<b>(6kV)</b>														
1	1	1	1	2	2	6.0	1	CB-6	3 x 95	760	1,520	1928	Sabail	CB-10,3x150:140m(19--)
2	1	1	2	4	1	6.0	1	ACB-6	3x95	1,380	1,380	1973	Sabail	A,3x120:1,080(--)
3	1	1	1	354	1	6.0	2	CB-6	3 x 95	392	392	1928	Sabail	ACB-6,3x150:120m(61),92m(75)
4	1	1	1	393	1	6.0	1	ACB-6	3 x 185	228	228	1962	Sabail	CB-10,3x150:128m(75)
5	1	1	1	628	1	6.0	2	CB-6	3 x 95	486	486	1900	Sabail	ACB6,3x150:50(73);CB10,3x150(75)
6	1	1	1	1019	1	6.0							Sabail	
7	1	1	88	1903	1	6.0	1	CB-6	3 x 95	880	880	1910	Sabail	CB10,3x150:148(75)
8	1	2	2	17	1	6.0	2	ACB-6	3 x 185	1,364	1,364	1959	Sabail	ACB-10 3x150:500(73),ACB-10 3x185:814(76)
9	1	2	2	20	1	6.0		CB-6	3 x 95	626	626		Sabail	
10	1	2	88	119	2	6.0	2	ACB-6	3 x 185	205	410	1959	Sabail	ACB6,3x120:200(59);ACB5,3x120:210(59)
11	1	2	2	129	1	6.0	2	CB-6	3 x 70	480	480	1910	Sabail	CB-63x95:25(10),CB-63x95:430(10),
12	2	4	2	7	1	6.0	1	ACB-6	3 x 95	483	483	1957	Sabail	ACB-6 3x185:113(60)
13	2	4	2	107	1	6.0	1	ACB-6	3 x 95	220	220	1957	Sabail	ACB-6 3x185:110(60)
14	2	4	2	108	1	6.0	1	CB-6	3 x 70	1,269	1,269	1960	Sabail	CB-6 3x50:219(60)
15	2	5	2	7	1	6.0		CB-6	3 x 70	427	427	1933	Sabail	
16	2	5	2	11	1	6.0		ACB-6	3 x 120	550	550	1959	Sabail	
17	2	5	2	129	1	6.0	2	CB-6	3 x 70	614	614	1933	Sabail	CB-6 3 x 70:220(60),ACB-63 x 185:325(60)
18	2	5	2	200	1	6.0		CB-6	3 x 70	367	367	1940	Sabail	
19	2	5	2	201	1	6.0		CB-6	3 x 70	230	230	1940	Sabail	
20	4	5	4	506	2	6.0							Yasarual	
21	2	6	2	7	1	6.0		CB-6	3 x 70	272	272	1933	Sabail	
22	2	6	2	462	1	6.0	1	CB-6	3 x 70	65	65	1954	Sabail	ACB-6 3x185:30(64)
23	2	7	2	330	1	6.0	1	CB-6	3 x 70	250	250	1933	Sabail	CB-6 3x185:70(60)
24	2	8	2	12	1	6.0		AAE-10	3 x 185	0	0	1988	Sabail	
25	2	8	2	329	1	6.0	2	CB-6	3 x 70	855	855	1952	Sabail	ACB-6 3x185:115(61),AAE-10 3x95:350(80)
26	2	8	2	573	1	6.0	1	CB-6	3 x 185	340	340	1958	Sabail	CB-6 3x150:180(74)
27	2	9	3	25	1	6.0		ACB-10	3 x 150	450	450	1983	Sabail	
28	2	9	2	34	1	6.0	1	ACB-6	3 x 95	670	670	1963	Sabail	ACB-10 3x95:380(63)
29	2	9	2	301	1	6.0		ACB-6	3 x 120	210	210	1957	Sabail	
30	2	9	2	817	1	6.0	1	ACB-10	3 x 150	259	259	1974	Sabail	ACB-10 3x185:59(86)
31	1	10	1	13	1	6.0	1	CB-6	3 x 70	371	371	1912	Sabail	ACB6,3x95:40(--)
32	1	10	1	32	1	6.0	1	CB-6	3 x 70	364	364	1912	Sabail	ACB6,3x95:40(--)
33	1	10	1	69	1	6.0	1	AAE-10	3x120	595	595	1988	Sabail	AAE-10 3 x 120:285(88)
34	2	11	2	72	1	6.0		ACB-10	3 x 185	70	70	1984	Sabail	
35	2	11	2	462	1	6.0	2	CB-6	3 x 95	558	558	1954	Sabail	ACB-6 3x185:30(64),CB-6 3x70:45(54)
36	2	11	2	573	1	6.0	2	CB-6	3 x 95	329	329	1954	Sabail	CB-10 3x150:125(73),CB-6 3x70:21(54)
37	2	11	2	3072	1	6.0		ACB-10	3 x 185	70	70	1984	Sabail	
38	2	12	3	16	1	6.0	1	CB-6	3 x 50	370	370	1929	Sabail	AAE-10,3x185:0(88)
39	2	12	2	573	1	6.0	3	ACB-10	3 x 150	432	432	1973	Sabail	CB-6 3x70:307(0),AAE-10 3x120:0(88)
40	2	12	2	944	1	6.0		CB-6	3x50	170	170	1997	Sabail	
41	2	12	2	966	1	6.0		CB-6	3x50	421	421	1929	Sabail	
42	1	13	1	628	1	6.0	2	CB-6	3 x 70	115	115	1950	Sabail	ACB10,3x150:50(73),15(91)
43	1	13	1	667	1	6.0	2	CB-6	3 x 70	305	305	1959	Sabail	ACB10,3x185:140(75),CB10,3x185:15(91)
44	1	13	1	937	1	6.0		AA10	3x95	185	185	1996	Sabail	
45	2	17	2	23	1	6.0		ACB-6	3 x 120	1,275	1,275	1960	Sabail	
46	2	17	88	119	1	6.0	3	CB-6	3 x 95	1,455	1,455	1932	Sabail	CB-6 3x95:100(81),ACB-6 3x150:625(59),ACB-10 3x150:500(73)
47	2	17	2	519	1	6.0	1	CB-6	3 x 95	1,322	1,322	1932	Sabail	ACB-10 3 x 185:100(80)
48	2	20	2	23	1	6.0		CB-6	3 x 95	377	377	1910	Sabail	
49	2	20	2	53	1	6.0		CB-6	3 x 70	252	252	1930	Sabail	
50	2	22	2	23	1	6.0		CB-6	3 x 150	282	282	1933	Sabail	
51	2	22	2	330	1	6.0	1	CB-6	3 x 70	387	387	1933	Sabail	CB-6 3x185:70(33)
52	2	23	2	33	1	6.0		CB-6	3 x 95	345	345	1929	Sabail	
53	2	23	88	119	1	6.0	3	CB-6	3 x 185	2,466	2,466	1959	Sabail	ACB-10 3x185:470(71),CB-6 0:585(0),ACB-10 3x150:270(71)
54	2	23	2	129	1	6.0		CB-6	3 x 95	1,203	1,203	1926	Sabail	
55	2	23	2	162	1	6.0	1	CB-6	3 x 95	285	285	1936	Sabail	ACB-10 3x185:25(80)
56	2	23	2	519	1	6.0	1	CB-6	3 x 95	200	200	1932	Sabail	CB-10 3x150:100(80)
57	2	23	2	817	1	6.0	1	ACB-10	3 x 240	276	276	1974	Sabail	ACB-10 3x95:56(86)
58	3	25	2	34	1	6.0	1	CB-6	3 x 50	330	330	1913	Sabail	ACB10,3x150:170(83)
59	3	25	3	468	1	6.0	2	ACB-10	3 x 95	298	298	1933	Sabail	ACB10,3x185:35(75),3x150:50(83)
60	3	25	3	966	1	6.0	3	CB-6	3 x 70	20	20	1929	Sabail	ACB-10 3x150:50(83),CB-6 3x50:263(83),AAE-10 3x185:0(88)
61	1	32	1	1019	1	6.0							Sabail	
62	1	32	1	3032	1	6.0							Sabail	
63	2	33	2	348	1	6.0		CB-6	3 x 95	120	120	1929	Sabail	
64	2	34	2	301	1	6.0	1	CB-6	3 x 50	134	134	1976	Sabail	CB-6 3x185:44(76)

Appendix II.2.3-1(1) 6kV & 10kV Underground Cables in Sabail

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
65	2	34	2	486	1	6.0	1	CB-6	3 x 185	640	640	1989	Sabail	ACB6,3x185:40(89)
66	2	41	2	321	1	6.0	2	CB-6	3 x 50	230	230	1959	Sabail	CB-6 3 x 185:435(59),CB-6 3x50:70(59)
67	5	49	5	77	1	6.0		CB-6	3 x 95	340	340	1949	Sabail	
68	5	49	5	411	1	6.0		CB-6	3 x 95	260	260	1949	Sabail	
69	2	53	2	321	1	6.0		ACB-6	3 x 120	409	409	1997	Sabail	
70	5	57	5	98	1	6.0		CB-6	3 x 95	394	394	1948	Sabail	
71	5	57	5	411	1	6.0	1	CB-6	3 x 95	795	795	1948	Sabail	CB-6 3 x 185:350(49)
72	5	60	5	98	1	6.0		CB-6	3 x 95	260	260	1931	Sabail	
73	5	60	5	265	1	6.0	1						Sabail	CB-6 3x70:0(31)
74	2	66	5	147	1	6.0	2	ACB-6	3 x 185	890	890	1962	Sabail	AAB-10 3x185:110(91),AAB-10 3x185:130(72)
75	2	66	5	553	1	6.0	1	CB-10	3 x 95	170	170	1970	Sabail	AAB-10 3x185:110(91)
76	1	69	1	627	1	6.0	1	AAB-10	3 x 95	775	775	1973	Sabail	ЦACB-10 3x150:285(88)
77	1	69	1	742	1	6.0		ACB-10	3 x 150	170	170	1978	Sabail	
78	4	73	1	717	1	6.0							Nasimi	
79	5	77	5	326	1	6.0	2	CB-6	3 x 95	290	290	1949	Sabail	CB-6 3 x 70:150(49),ACB-6 3 x 150:320(60)
80	5	77	5	411	1	6.0		CB-6	3 x 95	150	150	1949	Sabail	
81	5	98	5	147	1	6.0	1	ACB-10	3 x 185	465	465	1962	Sabail	CB-10 3x95:65(70)
82	2	100	2	113	1	6.0	1	ACB-6	3 x 185	740	740	1997	Sabail	ACB-10 3x185:235(76)
83	2	100	2	694	1	6.0						1997	Sabail	
84	1	101	1	102	1	6.0		ACB-6	3 x 120	195	195	1960	Sabail	
85	1	101	1	453	1	6.0		ACB-6	3 x 120	530	530	1960	Sabail	
86	1	102	1	476	1	6.0	1	CB-6	3 x 95	315	315	1959	Sabail	ACB6,3X185:80(65)
87	1	103	1	453	1	6.0	2	CB-6	3 x 95	415	415	1958	Sabail	ACB6,3X150(175),3X185(200)
88	1	103	1	550	1	6.0	1	ACB-6	3 x 150	385	385	1958	Sabail	AAB10,3X185:190(70)
89	1	105	1	247	1	6.0		ACB-6	3 x 120	300	300	1959	Sabail	
90	1	105	1	550	1	6.0	1	ACB-6	3 x 150	350	350	1958	Sabail	ACB10,3X185(190)
91	1	105	1	749	1	6.0	1	ACB-6	3 x 150	195	195	1961	Sabail	ACB10,3X185:45(80)
92	2	107	2	109	1	6.0		ACB-6	3 x 95	300	300	1959	Sabail	
93	2	108	2	109	1	6.0		ACB-6	3 x 95	245	245	1958	Sabail	
94	2	108	2	519	1	6.0	1	CB-6	3 x 185	110	110	1964	Sabail	ACB-10 3x185:40(80)
95	2	113	2	329	1	6.0	1	ACB-6	3 x 185	340	340	1961	Yasamal	ACB-10 3 x 150:270(76)
96	2	113	2	483	1	6.0	1	ACB-10	3 x 185	315	315	1964	Yasamal	ACB-10 3x150:75(76)
97	2	113	2	483	1	6.0		AAB-10	3 x 185	300	300	1976	Yasamal	
98	2	113	2	694	2	6.0	2	ACB-10	3 x 185	1,220	2,440	1976	Yasamal	ACB-10 3x150:400(76),ACB-10 3x185:570(76)
99	2	113	2	758	2	6.0	1	ACB-10	3 x 150	470	940	1977	Yasamal	ACB-10 3x185:60(80)
100	2	129	88	119	1	6.0	1	CB-6	3 x 95	1,365	1,365	1910	Sabail	ACB-6 3x185:520(59)
101	5	147	5	326	1	6.0	3	AAB-6	3 x 120	1,085	1,085	1962	Nasimi	CB-6 3x95:60(70),AAB-10 3x120:130(71),AAB-10 3x120:245(71)
102	5	147	5	579	1	6.0							Sabail	
103	5	147	5	696	1	6.0		AAB-10	3 x 185	300	300	1976	Sabail	
104	2	162	2	519	1	6.0	3	ACB-10	3 x 150	780	780	1973	Sabail	AAB-10 3x185:100(80),CB-6 3x70:340(89),ACB-6 3x185:410(89)
105	2	162	2	540	1	6.0							Sabail	
106	5	179	2	237	1	6.0		CB-6	3 x 185	0	0	1960	Sabail	
107	5	179	2	321	1	6.0	1	CB-6	3 x 185	645	645	1959	Sabail	CB-6 3x95:210(60)
108	5	179	4	527	1	6.0	1	CB-6	3 x 50	422	422	1960	Sabail	CB-6 3x95:342(60)
109	2	200	2	291	1	6.0	1	ACB-6	3 x 70	145	145	1958	Sabail	ACB-6 3x185:21(61)
110	2	200	2	694	1	6.0		ACB-10	3 x 185	410	410	1977	Sabail	
111	2	201	2	372	1	6.0		ACB-6	3 x 95	160	160	1961	Sabail	
112	5	236	5	464	1	6.0	1	CB-6	3 x 70	373	373	1980	Sabail	ACB-10 3x150:50(80)
113	5	237	5	500	1	6.0		0	0	0	0	1960	Sabail	
114	1	247	88	119	1	6.0		ACB-6	3 x 120	235	235	1959	Sabail	
115	2	291	2	410	1	6.0		AAB-10	3 x 150	270	270	1965	Sabail	
116	2	291	2	743	1	6.0	3	CB-6	3 x 185	173	173	1952	Sabail	ACB-6 3x185:21(61),ACB-10 3x185:7(71),ACB-10 3x70:145(58)
117	2	301	2	348	1	6.0	2	CB-6	3 x 50	300	300	1976	Sabail	ACB-10 3x185:73(84),CB-6 3x185:45(76)
118	5	320	88	220	1	6.0	1	ACB-6	3 x 185	1,590	1,590	1959	Sabail	CB-6 3x95:940(0)
119	5	320	5	500	1	6.0	2	ACB-6	3 x 185	728	728	1959	Sabail	AAB-10 3 x 150:115(73),ACB-10 3 x 185:33(67)
120	2	321	2	3540	1	6.0							Sabail	
121	1	322	1	476	1	6.0	1	CB-6	3 x 95	135	135	1959	Sabail	ACB10,3X185:80(65)
122	1	322	1	667	1	6.0		ACB-10	3 x 185	170	170	1975	Sabail	
123	2	329	2	410	1	6.0		0	0	0	0	1998	Sabail	
124	2	329	2	2029	1	6.0		0	0	0	0	1966	Sabail	
125	2	348	5	450	1	6.0	2	ACB-10	3 x 150	2,000	2,000	1980	Sabail	CB-6 3x185:1460(89),ACB-10 3x185:120(89)
126	1	354	1	691	1	6.0		ACB-10	3 x 185	250	250	1976	Sabail	
127	1	354	88	1903	1	6.0	1	CB-6	3 x 95	644	644	1928	Sabail	ACB10,3x150:120(61)
128	2	372	2	600	1	6.0							Sabail	
129	2	372	2	694	1	6.0		AAB-10	3 x 185	150	150	1980	Sabail	

Appendix II.2.3-1(1) 6kV & 10kV Underground Cables in Sabail

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
130	2	372	2	3200	1	6.0							Sabail	
131	1	393	1	453	1	6.0	1	ACB-10	3 x 150	370	370	1973	Sabail	AAII(B10,3x150:130(73))
132	2	410	2	694	1	6.0		ACB-6	3 x 120	409	409	1997	Sabail	
133	2	483	3	961	1	6.0		ACB-6	3 x 150	485	485	1998	Yasamal	
134	2	483	88	1907	2	6.0		ACB-6	3 x 150	1,400	2,800	1965	Yasamal	
135	2	483	88	1907	2	6.0		ACB-6	3 x 150	1,400	2,800	1965	Yasamal	
136	5	500	4	527	1	6.0		0	0	0	0		Sabail	
137	2	519	2	1042	1	6.0							Sabail	
138	2	540	2	3540	1	6.0							Sabail	
139	2	573	2	743	1	6.0	2	CB-6	3 x 185	567	567	1952	Sabail	CB-10 3 x 150:180(73),ACB-10 3 x 185:7(78)
140	1	627	1	691	1	6.0		ACB-10	3 x 150	530	530	1976	Sabail	
141	1	627	88	1903	1	6.0		ACB-10	3 x 240	280	280	1973	Sabail	
142	1	628	1	667	1	6.0	2	CB-6	3 x 95	410	410	1900	Sabail	ACB10,3x150:50(73),230(83)
143	1	628	88	1903	1	6.0	1	CB-6	3 x 70	450	450	1950	Sabail	ACB10,3x150:50(73)
144	1	667	88	1903	1	6.0	1	CB-6	3 x 95	517	517	1900	Sabail	ACB10,3x150:230(83)
145	1	691	1	742	1	6.0		ACB-10	3 x 150	300	300	1978	Sabail	
146	1	691	1	3032	1	6.0							Sabail	
147	1	749	88	1907	2	6.0	1	ACE-10	3 x 185	1,650	3,300	1980	Sabail	AAIIB10,3x185:400(80)
<b>Subtotal</b>					<b>155</b>		<b>115</b>			<b>63,775</b>	<b>70,880</b>			
<b>(10kV)</b>														
1	2	21	2	40	2	10.0		AAE-10	3 x 120	360	720	1997	Sabail	
2	2	21	2	55	1	10.0	1	ACE-10	3 x 185	1,000	1,000	1986	Sabail	ACE-10 3 x 240:440(89)
3	2	21	2	257	1	10.0		ACE-10	3 x 240	400	400	1989	Sabail	
4	2	21	2	686	1	10.0	1	ACE-10	3 x 95	480	480	1976	Sabail	ACE-10 3x240:400(89)
5	2	21	2	825	1	10.0		ACE-10	3 x 240	440	440	1989	Sabail	
6	5	36	5	62	1	10.0		AAE-10	3 x 150	200	200	1988	Sabail	
7	5	36	5	500	1	10.0		AAE-10	3 x 150	670	670	1972	Sabail	
8	2	40	2	1035	1	10.0		ACE-10	3 x 120	290	290	1999	Sabail	
9	2	43	5	46	1	10.0		ACE-10	3 x 150	443	443	1972	Sabail	
10	2	43	88	116	1	10.0		ACE-10	3 x 150	235	235	1972	Sabail	
11	2	54	2	55	1	10.0	1	AAEYU-10	3 x 185	470	470	1987	Sabail	ACE-10 3x185:400(87)
12	2	54	2	825	1	10.0		ACE-10	3 x 185	230	230	1987	Sabail	
13	2	55	88	116	2	10.0		ACE-10	3 x 150	400	800	1976	Sabail	
14	2	55	2	923	2	10.0		ACE-10	3 x 185	400	800	1998	Sabail	
15	5	56	5	62	1	10.0		0	0	0	0		Sabail	
16	5	56	88	116	1	10.0	1	ACEY-10	3 x 185	820	820	1988	Sabail	ACEY-10 3x185:400(88)
17	5	56	5	325	1	10.0		ACEY-10	3 x 185	190	190	1988	Sabail	
18	5	60	5	98	1	10.0		CB-6	3 x 95	260	260	1931	Sabail	
19	5	60	88	116	2	10.0		CB-10	3 x 185	315	630	1972	Sabail	
20	5	60	2	153	1	10.0		0	0	0	0		Sabail	
21	5	60	5	325	1	10.0		0	0	0	0		Sabail	
22	5	60	5	725	2	10.0	1	CB-10	3 x 185	530	1,060	1972	Sabail	ACE-10 3x185:80(80)
23	5	61	5	622	2	10.0		ACE-10	3 x 240	180	360	1984	Sabail	
24	5	61	5	699	2	10.0		ACE-10	3 x 240	180	360	1984	Sabail	
25	5	80	5	622	1	10.0		AAIIB-10	3 x 185	196	196	1984	Sabail	
26	5	80	5	725	2	10.0		AAIIB-10	3 x 185	210	420	1984	Sabail	
27	5	82	5	500	2	10.0		ACE-10	3 x 185	310	620	1974	Sabail	
28	5	82	5	699	2	10.0		AAIIB-10	3 x 185	210	420	1976	Sabail	
29	5	98	88	116	2	10.0		ACE-10	3 x 185	460	920	1972	Sabail	
30	5	98	5	622	2	10.0		ACE-10	3 x 185	330	660	1972	Sabail	
31	5	125	2	169	1	10.0		ACE-10	3 x 150	380	380	1995	Sabail	
32	5	125	2	905	1	10.0		ACE-10	3 x 150	280	280	1995	Sabail	
33	5	147	2	257	1	10.0		AAIIB-10	3 x 95	1,060	1,060	1976	Sabail	
34	5	147	5	622	2	10.0		ACE-10	3 x 95	170	340	1967	Sabail	
35	5	147	2	686	1	10.0		AAIIB-10	3 x 95	580	580	1976	Sabail	
36	5	147	5	695	1	10.0		AAIIB-10	3 x 185	300	300		Sabail	
37	2	169	2	600	2	10.0	1	ACE-10	3 x 150	450	900	1988	Sabail	ACE-10 3x185:320(88)
38	2	169	2	761	2	10.0	1	ACE-10	3 x 150	710	1,420	1988	Sabail	ACE-10 3x185:480(88)
39	2	169	2	905	1	10.0		ACE-10	3 x 150	400	400	1995	Sabail	
40	2	200	88	116	1	10.0		ACE-10	3 x 240	2,200	2,200	1987	Sabail	
41	2	200	88	116	1	10.0		ACE-10	3 x 150	2,200	2,200	1987	Sabail	
42	2	200	2	372	1	10.0		0	0	0	0		Sabail	
43	2	200	2	600	3	10.0		0	0	0	0		Sabail	
44	2	200	88	1903	2	10.0		0	0	0	0		Sabail	
45	5	325	88	116	1	10.0		ACEY-10	3 x 185	540	540	1988	Sabail	



Appendix II.2.3-1(1) 6kV & 10kV Underground Cables in Sabail

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct·m)	Commiss Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
46	2	372	2	600	1	10.0		ACB-10	3 x 185	350	350	1980	Sabail	
47	5	500	5	725	2	10.0	1	CB-10	3 x 185	270	540	1972	Sabail	ACB-10 3x185:70(80)
48	5	527	88	116	1	10.0	1	AAE-10	3 x 150	330	330	1972	Sabail	AAE-10 3x150:50(74)
49	5	527	5	925	1	10.0		AAE-10	3 x 95	150	150	1996	Sabail	
50	2	600	2	761	2	10.0	1	ACB-10	3 x 185	905	1,810	1980	Sabail	ACB-10 3x185:(87)
51	2	600	88	1907	4	10.0	2	ЦААММ-10	3 x 185	2,125	8,500	1980	Sabail	ACB-10 3x185:730(80),ЦАБ-10 3x185:150(80)
52	2	600	90	2026	2	10.0		ACB-10	3 x 95	110	220	1980	Sabail	
53	2	600	90	2027	2	10.0		ACB-10	3 x 95	100	200	1980	Sabail	
54	1	649	1	655	2	10.0		AAE2II-10	3 x 185	560	1,120	1987	Sabail	
55	1	649	1	656	1	10.0		ACB-10	3 x 120	250	250	1998	Sabail	
56	1	649	1	818	1	10.0	1	AAE-10	3 x 120	1,500	1,500	1998	Sabail	ACB-10 3x185:250(80)
57	1	652	1	656	1	10.0		AAE-10	3 x 95	86	86	1998	Sabail	
58	1	652	1	926	2	10.0		ACB-10	3 x 120	655	1,310	1998	Sabail	
59	1	653	1	659	1	10.0	1	ACB-10	3 x 185	575	575	1986	Sabail	AAE-1 3x120:125(96)
60	1	653	1	926	1	10.0		0	0	0	0		Sabail	
61	1	655	1	818	2	10.0		AAE-10	3 x 185	400	800	1986	Sabail	
62	1	655	1	926	2	10.0		ACB-10	3 x 185	300	600	1998	Sabail	
63	1	655	1	980	2	10.0		0	0	0	0		Sabail	
64	1	655	1	980	2	10.0		ACB-10	0	0	0		Sabail	
65	1	658	1	659	1	10.0		ACB-10	3 x 185	400	400	1986	Sabail	
66	1	658	1	926	1	10.0		ACB-10	3 x 185	800	800	1986	Sabail	
67	2	761	88	116	2	10.0		ACBY-10	3 x 185	2,100	4,200	1988	Sabail	
68	2	825	2	1052	1	10.0		AAE-10	3 x 120	390	390	1999	Sabail	
69	2	896	2	3200	1	10.0		AAE-10	3 x 120	50	50	1994	Sabail	
70	1	926	1	946	2	10.0		AAE-10	3 x 120	370	740	1998	Sabail	
71	1	980	88	1907	2	10.0		0	0	0	0		Sabail	
<b>Subtotal</b>					<b>105</b>		<b>14</b>			<b>32,255</b>	<b>49,615</b>			
<b>Grand Total</b>					<b>260</b>		<b>129</b>			<b>96,830</b>	<b>120,495</b>			

Appendix II.2.3-1(2) 6kV & 10kV Underground Cables in Yasamal

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
<b>(6kV)</b>														
1	3	14	3	16	1	6.0	3	CB-6	3 x 95	544	544	1954	Yasamal	CB6,3x95.85(54),254(58);ACB10,3x150:102(73)
2	3	14	3	121	1	6.0	1	C-6	3x70	281	281	1958	Yasamal	CB6,3x95.51(58)
3	3	16	2	944	1	6.0							Yasamal	
4	3	16	3	969	1	6.0		ACE-6	3 x 120				Yasamal	
5	3	18	3	19	1	6.0		CB-6	3 x 50	304	304	1935	Yasamal	
6	3	18	3	85	1	6.0		CB-6	3 x 70	292	292	1936	Yasamal	
7	3	19	3	27	1	6.0		ACE-6	3 x 70	300	300	1933	Yasamal	
8	3	19	3	468	1	6.0	1	ACE-6	3 x 70	165	165	1933	Yasamal	ACB10,3x185:35(75)
9	2	26	3	28	1	6.0	1	CB-6	3 x 70	215	215	1929	Yasamal	ACE-6 3 x 150:65(62)
10	2	26	3	50	1	6.0	1	CB-6	3 x 50	324	324	1928	Yasamal	CB-6 3 x 95:60(28)
11	2	26	3	85	1	6.0		CB-6	3 x 70	150	150	1936	Yasamal	
12	2	26	2	348	1	6.0		CB-6	3 x 95	184	184	1928	Yasamal	
13	3	27	3	38	1	6.0		CB-6	3 x 95	462	462	1951	Yasamal	
14	3	27	3	551	1	6.0	1	CB-6	3 x 95	445	445	1955	Yasamal	ACE-10 3x150:135(69)
15	3	27	3	888	1	6.0							Yasamal	
16	3	28	3	35	1	6.0	2	CB-6	3 x 70	235	235	1929	Yasamal	ACB6,3x150:65(62);ACB10,3x185:70(74)
17	3	28	3	85	1	6.0		ACE-6	3 x 150	460	460	1960	Yasamal	
18	3	28	3	260	1	6.0	1	ACE-6	3 x 150	170	170	1960	Yasamal	ACB6,3x185(60)
19	3	28	3	327	1	6.0		ACE-6	3 x 185	392	392	1960	Yasamal	
20	4	29	4	135	1	6.0		CB-6	3 x 50	315	315	1958	Yasamal	
21	4	29	4	222	1	6.0	1	CB-6	3 x 70	375	375	1935	Yasamal	AC6,3x150:242(59)
22	4	30	4	206	1	6.0	2	CB-6	3 x 120	485	485	1954	Yasamal	C6,3x185:145(54);AC10,3x150:20(68)
23	4	30	4	472	1	6.0	1	CB-6	3 x 95	105	105	1964	Yasamal	ACE-10 3x150:45(68)
24	4	30	4	914	1	6.0	2	ACE-10	3 x 150	470	470	1958	Yasamal	AAE-10,3x95:50(95);ACE-10,3x150:20(68)
25	4	30	4	1032	1	6.0		ACE-6	3 x 120	500	500	1999	Yasamal	
26	3	35	3	48	1	6.0		CB-6	3 x 50	395	395	1935	Yasamal	
27	3	35	4	292	1	6.0		ACE-6	3x120	210	210	1959	Yasamal	
28	6	37	4	134	1	6.0	1	ACE-6	3 x 185	903	903	1957	Yasamal	AC10,3x150:470(74)
29	6	37	4	154	1	6.0		ACE-11	4 x 150	470	470	1974	Yasamal	
30	6	37	4	378	1	6.0							Yasamal	
31	6	37	6	688	2	6.0		ACE-10	3 x 95	500	1,000	1974	Yasamal	
32	6	37	4	783	1	6.0	1	ACE-10	3 x 150	450	450	1974	Yasamal	AC10,3x185:250(83)
33	3	38	88	120	1	6.0		CB-6	3 x 95	1,313	1,313	1951	Yasamal	
34	3	38	3	516	1	6.0		CB-6	3 x 95	600	600	1951	Yasamal	
35	4	39	88	111	1	6.0	1	CB-6	3 x 95	590	590	1953	Yasamal	ACE-10 3x240:370(98)
36	4	39	88	111	1	6.0	1	CB-6	3 x 95	590	590	1975	Yasamal	ACE-10 3x240:330(98)
37	4	39	4	206	1	6.0		CB-6	3 x 185	300	300	1954	Yasamal	
38	4	39	4	707	1	6.0		AAE-10	3 x 150	190	190	1977	Yasamal	
39	4	83	3	204	1	6.0	1	CB-6	3 x 150	145	145	1965	Yasamal	AC10,3x185:30(65)
40	4	83	4	292	1	6.0		ACE-6	3 x 185	285	285	1959	Yasamal	
41	4	83	4	378	1	6.0	1	CB-6	3 x 70	120	120	1936	Yasamal	AC10,3x185:30(65)
42	3	85	2	301	1	6.0		ACE-6	3 x 185	360	360	1957	Yasamal	
43	3	90	3	272	1	6.0		CB-6	3 x 95	525	525	1957	Yasamal	
44	3	90	3	477	1	6.0	1	CB-6	3 x 150	450	450	1958	Yasamal	AAB10,3x150:0(65)
45	4	92	4	99	1	6.0	1	ACE-6	3 x 185	400	400	1958	Yasamal	AAIII10,3x240:80(71)
46	4	92	4	298	1	6.0	1	ACE-6	3 x 150	107	107	1959	Yasamal	AC6,3x185:70(58)
47	4	99	88	120	1	6.0		CB-6	3 x 150	310	310	1966	Yasamal	
48	4	99	4	460	1	6.0	1	ACE-6	3 x 150	360	360	1964	Yasamal	AAIII10,3x185:80(71)
49	4	99	3	603	1	6.0	2	CB-6	3 x 95	516	516	1952	Yasamal	AAIII6-10 3x240:80(71);CB-10 3x95:12(71)
50	4	104	88	120	1	6.0		CB-6	3 x 70	480	480	1952	Yasamal	
51	4	104	4	383	1	6.0	1	CB-6	3 x 95	370	370	1953	Yasamal	C6,3x70:190(58)
52	4	114	4	139	1	6.0		ACE-6	3 x 185	350	350	1960	Yasamal	
53	4	114	4	216	1	6.0		CB-6	3 x 95	150	150	1957	Yasamal	
54	3	118	3	131	1	6.0		CB-6	3 x 70	370	370	1957	Yasamal	
55	3	118	3	299	1	6.0		CB-6	3 x 150	230	230	1958	Yasamal	
56	3	118	2	413	1	6.0	3	ACE-6	3 x 70	250	250	1962	Yasamal	AA10,3x185:100(83);AAIII6,3x150:140(83)
57	3	121	88	120	1	6.0							Yasamal	
58	3	121	2	483	1	6.0							Yasamal	
59	3	121	3	961	1	6.0	1	ACE-10	3 x 120	305	305	1957	Yasamal	ACE-10 3 x 120:5(95)
60	4	123	4	143	1	6.0	1	AAE-10	3 x 240	670	670	1968	Yasamal	AAIII10,3x185:500(68)
61	4	123	4	235	1	6.0	1	CB-6	3 x 50	270	270	1952	Yasamal	C6,3x70:200(68)
62	4	123	4	342	1	6.0	3	ACE-6	3 x 185	806	806	1955	Yasamal	AC6,3x95:171(60);AC6,3x150:250(68);AA6,3x240:75(68)
63	4	123	4	816	1	6.0		ACE-10	3 x 185	350	350	1986	Yasamal	
64	3	124	3	208	1	6.0		ACE-6	3 x 185	570	570	1958	Yasamal	

Appendix II.2.3-1(2) 6kV & 10kV Underground Cables in Yasamal

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Comm. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
65	3	124	3	273	1	6.0	2	CB-6	3 x 70	558	558	1955	Yasamal	C6,3x95:241(58),3x185:141(62)
66	3	124	3	391	1	6.0	1	CB-6	3 x 95	670	670	1957	Yasamal	AC6,3x185:170(63)
67	9	130	17	416	2	6.0		AAE-10	3 x 150	240	480	1968	Yasamal	
68	9	130	17	417	1	6.0		ACB-6	3 x 95	90	90	1960	Yasamal	
69	9	130	9	418	1	6.0	2	ACB-6	3 x 185	654	654	1963	Yasamal	AH110,3x150:30(70);AC10,3x185:220(-)
70	9	130	9	491	1	6.0		AAE-10	3 x 185	560	560	1969	Yasamal	
71	3	131	88	120	1	6.0		CB-6	3 x 50	1,700	1,700	1954	Yasamal	
72	3	131	3	293	1	6.0	1	CB-6	3 x 95	125	125	1958	Yasamal	AC6,3x185:35(62)
73	3	131	3	961	1	6.0							Yasamal	
74	4	132	4	296	1	6.0		CB-6	3 x 95	440	440	1954	Yasamal	
75	4	132	4	423	1	6.0		CB-6	3 x 95	140	140	1954	Yasamal	
76	4	134	4	296	1	6.0	1	CB-6	3 x 95	294	294	1959	Yasamal	C6,3x185:120(54)
77	4	134	4	472	1	6.0	1	CB-6	3 x 95	546	546	1954	Yasamal	C6,3x150:75(64)
78	4	134	2	486	1	6.0		CB-6	3 x 150	1,500	1,500	1968	Yasamal	
79	4	135	4	137	1	6.0		CB-6	3 x 50	375	375	1958	Yasamal	
80	4	136	4	137	1	6.0	1	CB-6	3 x 95	323	323	1959	Yasamal	C6,3x185:45(52)
81	4	136	9	181	1	6.0		ACB-6	3 x 95	195	195	1966	Yasamal	
82	4	136	4	914	1	6.0							Yasamal	
83	4	137	4	172	1	6.0	1	CB-6	3 x 70	230	230	1959	Yasamal	C6,3x185:50(52)
84	4	137	4	423	1	6.0	1	CB-6	3 x 95	272	272	1954	Yasamal	AC6,3x185:12(63)
85	4	139	88	120	1	6.0	1	ACB-6	3 x 185	575	575	1960	Yasamal	AA6,3x185:320(64)
86	4	139	4	3298	1	6.0		ACB-10	3 x 120	330	330	1989	Yasamal	
87	4	142	4	494	1	6.0		CB-6	3 x 120	639	639	1965	Yasamal	
88	4	142	4	529	1	6.0		CB-6	3 x 95	770	770	1953	Yasamal	
89	4	142	4	751	1	6.0	2	CB-6	3 x 50	950	950	1954	Yasamal	C6,3x95:850(54);AC10,3x150:75(80)
90	4	143	4	338	1	6.0	1	ACB-10	3 x 95	680	680	1965	Yasamal	AC6,3x150:330(62)
91	4	143	4	751	1	6.0		AAHBE-10	3 x 185	400	400	1980	Yasamal	
92	4	144	88	111	1	6.0	1	CB-6	3 x 95	270	270	1955	Yasamal	C6,3x150:150(66)
93	4	144	4	277	1	6.0		ACB-10	3 x 150	355	355	1979	Yasamal	
94	9	157	9	261	1	6.0		ACB-10	3 x 185	150	150	1968	Yasamal	
95	4	172	4	506	1	6.0		ACB-10	3 x 150	150	150	1969	Yasamal	
96	4	174	4	207	1	6.0		CB-6	3 x 70	420	420	1957	Yasamal	
97	4	174	4	238	1	6.0		ACB-6	3 x 185	240	240	1959	Yasamal	
98	4	174	4	506	1	6.0	2	ACB-6	3 x 95	430	430	1957	Yasamal	AC6,3x185:163(62);AC10,3x150:150(69)
99	3	204	4	222	1	6.0		CB-6	3 x 70	185	185		Yasamal	
100	4	207	4	460	1	6.0	1	CB-6	3 x 95	390	390	1959	Yasamal	AC6,3x150:90(64)
101	4	207	4	751	1	6.0	1	CB-6	3 x 95	385	385	1956	Yasamal	AC10,3x50:75(80)
102	3	208	3	340	1	6.0		ACB-6	3 x 185	250	250	1960	Yasamal	
103	3	208	3	394	1	6.0		CB-6	3 x 150	350	350	1957	Yasamal	
104	3	208	3	394	1	6.0		ACB-6	3 x 185	370	370	1960	Yasamal	
105	4	216	4	383	1	6.0	1	CB-6	3 x 70	115	115	1958	Yasamal	AC6,3x185:75(62)
106	4	222	4	463	1	6.0	1	CB-6	3 x 95	410	410	1958	Yasamal	AC10,3x150:100(68)
107	4	222	4	783	1	6.0	1	CB-6	3 x 95	230	230	1957	Yasamal	AC10,3x95:150(83)
108	4	235	88	120	1	6.0	1	CB-6	3 x 50	470	470	1952	Yasamal	CB-6 3x70:200(68)
109	4	235	4	238	1	6.0		ACB-6	3 x 150	480	480	1959	Yasamal	
110	4	238	4	338	1	6.0		ACB-6	3 x 185	367	367	1960	Yasamal	
111	4	259	4	398	1	6.0	1	ACB-6	3 x 185	205	205	1958	Yasamal	AC6,3x185:75(62)
112	4	259	4	494	1	6.0		CB-6	3 x 120	494	494	1965	Yasamal	
113	3	260	3	327	1	6.0		ACB-6	3 x 185	263	263	1960	Yasamal	
114	3	260	3	551	1	6.0	1	ACB-10	3 x 150	175	175	1969	Yasamal	AC10,3x185:120(75)
115	90	261	88	88	3	6.0		ACB-6	3 x 70	400	1,200	1962	Yasamal	
116	3	272	3	297	1	6.0		ACB-6	3 x 150	296	296	1958	Yasamal	
117	3	272	3	391	1	6.0		ACB-6	3 x 185	170	170	1963	Yasamal	
118	3	273	88	120	1	6.0	1	AAE-6	3 x 185	1,060	1,060	1961	Yasamal	AC6,3x185:30(63)
119	3	273	5	289	1	6.0	1	CB-6	3 x 70	134	134	1955	Yasamal	C6,3x95:361(58)
120	4	277	9	233	1	6.0	4	CB-6	3 x 95	1,327	1,327	1955	Nasimi	AC6,3x185:97(18);AC6,3x150:75(67);AC10,3x150:45(70);170(73)
121	4	277	4	347	1	6.0	1	ACB-6	3 x 185	255	255	1958	Yasamal	AA10,3x185:75(70)
122	4	288	4	385	1	6.0		ACB-6	3 x 185	320	320	1955	Yasamal	
123	4	288	4	438	1	6.0	2	CB-6	3 x 95	470	470	1960	Yasamal	AC6,3x185:340(63);AC6,3x95:80(64)
124	4	288	4	549	1	6.0	2	CB-6	3 x 95	610	610	1960	Yasamal	AC10,3x150:135(74)&85(76)
125	4	288	4	641	1	6.0	2	ACB-6	3 x 185	375	375	1955	Yasamal	AC10,3x185:120(65);AC10,3x150:60(73)
126	5	289	3	290	1	6.0		CB-6	3 x 95	360	360	1958	Yasamal	
127	5	289	3	516	1	6.0	3	CB-6	3 x 70	1,040	1,040	1955	Yasamal	C6,3x95:100(58);3x70:12(60);AC10,3x185:195(71)
128	3	290	3	457	1	6.0	1	CB-6	3 x 95	134	134	1958	Yasamal	AC6,3x150:46(64)
129	4	292	3	498	1	6.0		AAE-10	3 x 185	248	248	1968	Yasamal	

Appendix II.2.3-1(2) 6kV & 10kV Underground Cables in Yasamal

No.	From		To		Nura. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
130	3	293	3	457	1	6.0	2	CB-6	3 x 95	217	217	1958	Yasamal	AC6,3x150:46(64);3x185:35(62)
131	3	297	2	413	1	6.0	2	ACB-6	3 x 70	1,450	1,450	1962	Yasamal	AA1110,3x185:1100(75);AA10,3x185:100(83)
132	4	298	88	120	1	6.0	2	ACB-6	3 x 185	720	720	1960	Yasamal	AC6,3x185:320(64);AA10,3x185:330(89)
133	4	298	4	3298	1	6.0		AAE-10	3 x 120	25	25	1989	Yasamal	
134	3	299	3	477	1	6.0	1	CB-6	3 x 150	565	565	1958	Yasamal	AA10,3x150:290(65)
135	4	314	88	120	1	6.0	1	CB-6	3 x 95	1,302	1,302	1960	Yasamal	C6,3x95:385(60)
136	4	314	4	549	1	6.0	1	CB-6	3 x 95	285	285	1960	Yasamal	AC10,3x150:135(60)
137	4	324	88	111	1	6.0	1	ACB-6	3 x 185	566	566	1960	Yasamal	C6,3x185:286(60)
138	4	324	88	111	1	6.0		ACB-10	3 x 185	500	500	1975	Yasamal	
139	3	327	3	498	1	6.0	1	ACB-6	3 x 185	240	240	1960	Yasamal	AA10,3x150:130(65)
140	3	327	3	514	1	6.0		AAE-10	3 x 95	10	10	1966	Yasamal	
141	9	341	17	412	1	6.0		ACB-6	3 x 120	175	175	1963	Yasamal	
142	17	341	9	417	1	6.0	3	ACB-6	3 x 95	1,390	1,390	1960	Yasamal	AC6,3x185:15(68);AC10,3x185:15(72);450(75)
143	17	341	9	629	2	6.0		ACB-10	3 x 150	25	50	1973	Yasamal	
144	4	342	4	385	1	6.0	1	ACB-6	3 x 95	385	385	1960	Yasamal	AC6,3x185:214(60)
145	4	347	4	508	1	6.0	1	ACB-6	3 x 185	95	95	1958	Yasamal	AA10,3x150:430(66)
146	3	351	88	120	1	6.0		AC-6	3x150	1,350	1,350	1962	Yasamal	
147	3	351	3	394	1	6.0	2	ACB-6	3 x 185	935	935	1960	Yasamal	AC6,3x185:100(62);AA10,3x185:225(68)
148	3	351	3	669	2	6.0		AA10	3x120	220	440	1975	Yasamal	
149	2	361	88	119	1	6.0	1	CB-6	3 x 50	800	800	1959	Yasamal	CB-6,3x50:110(59)
150	2	361	2	554	1	6.0		CB-6	3 x 95	385	385	1966	Yasamal	
151	3	394	88	120	1	6.0		CB-6	3 x 150				Yasamal	
152	4	398	4	508	1	6.0		AAE-10	3 x 150	380	380	1966	Yasamal	
153	17	412	17	496	1	6.0		ACB-6	3 x 120	750	750	1963	Yasamal	
154	17	412	17	901	1	6.0		AAE-10	3 x 240	150	150	1996	Yasamal	
155	2	413	3	454	1	6.0	1	ACB-6	3 x 70	1,050	1,050	1962	Sabail	ACB-6 3x150:742(63)
156	2	413	88	1907	1	6.0		ACB-10	3 x 185	1,090	1,090	1990	Sabail	
157	9	417	9	842	2	6.0		AAE-10	3 x 95	160	320	1989	Yasamal	
158	9	418	9	491	1	6.0	1	AAE-10	3 x 185	480	480	1969	Yasamal	AC10,3x185:220(86)
159	9	418	9	635	1	6.0							Yasamal	
160	9	418	9	1025	1	6.0							Yasamal	
161	17	427	88	88	1	6.0		AAE-6	3 x 95	1,550	1,550	1963	Yasamal	
162	17	427	17	496	1	6.0		AAE-10	3 x 185	280	280	1969	Yasamal	
163	17	427	17	497	1	6.0	1	AAE-10	3 x 95	1,350	1,350	1963	Yasamal	ACB-6 3x150:750(65)
164	4	438	88	120	1	6.0	1	ACB-6	3 x 185	940	940	1962	Yasamal	AA1110,3x185:390(62)
165	4	438	4	549	1	6.0		ACB-10	3 x 150	480	480	1974	Yasamal	
166	3	454	88	1907	1	6.0	1	ACB-6	3 x 70	1,050	1,050	1962	Yasamal	AC6,3x185:308(64)
167	4	460	88	120	1	6.0	1	CB-6	3 x 95	214	214	1959	Yasamal	AC6,3x150:90(64)
168	4	460	88	120	1	6.0		ACB-6	3 x 150	220	220	1964	Yasamal	
169	4	471	88	120	2	6.0		AAE-10	3 x 185	1,100	2,200	1964	Yasamal	
170	4	472	4	707	1	6.0	2	CB-6	3 x 95	400	400	1964	Yasamal	C6,3x150:75(64);AC10,3x185:45(77)
171	17	490	88	88	1	6.0							Yasamal	
172	17	490	17	497	1	6.0							Yasamal	
173	17	490	17	630	1	6.0							Yasamal	
174	17	496	17	810	1	6.0		ACB-6	3 x 185	550	550	1966	Yasamal	
175	17	497	17	630	1	6.0		0	0	300	300		Yasamal	
176	3	516	88	120	1	6.0		CB-6	3 x 150	770	770	1966	Yasamal	
177	17	518	88	88	1	6.0	2	ACB-6	3 x 150	840	840	1966	Yasamal	AAE-6 3x150:230(66);AAE-6 3x150:220(66)
178	9	518	9	536	1	6.0		ACB-10	3 x 185	412	412	1967	Yasamal	
179	17	518	17	629	1	6.0	1	AAE-6	3 x 185	756	756	1966	Yasamal	ACB-10 3x150:6(73)
180	4	529	4	634	1	6.0							Yasamal	
181	9	536	9	635	1	6.0		AAE-10	3 x 185	370	370	1992	Yasamal	
182	2	554	88	110	1	6.0		ACB-10	3 x 150	1,081	1,081	1968	Yasamal	
183	17	568	88	88	1	6.0	1	ACB-6	3 x 185	405	405	1961	Yasamal	AAE-10 3x150:105(73)
184	17	568	88	88	1	6.0		AAE-10	3 x 185	420	420	1970	Yasamal	
185	17	568	17	629	1	6.0	2	ACB-6	3 x 185	928	928	1961	Yasamal	AAE-10 3x150:600(69);ACB-10 3x150(73)
186	17	568	17	744	1	6.0		ACB-10	3 x 150	180	180	1979	Yasamal	
187	3	603	3	888	1	6.0							Yasamal	
188	9	619	88	88	1	6.0		AAE-10	3 x 185	200	200	1975	Yasamal	
189	9	619	9	672	1	6.0	1	AAE-10	3 x 185	200	200	1975	Yasamal	AA10,3x150:200(90)
190	17	630	17	845	1	6.0	1	AAE-10	3 x 150	296	296	1985	Yasamal	AAE-10 3x150:70(99)
191	4	634	4	816	1	6.0							Yasamal	
192	9	635	88	88	1	6.0	1	AAE-10	3 x 185	685	685	1969	Yasamal	AC10,3x185:50(74)
193	9	635	88	88	1	6.0	1	AAE-10	3 x 150	650	650	1973	Yasamal	AC10,3x150:30(73)
194	4	641	4	711	1	6.0	1	ACB-10	3 x 150	60	60	1973	Yasamal	AC10,3x185:100(89)

Appendix II.2.3-1(2) 6kV & 10kV Underground Cables in Yasamal

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct.m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
195	4	684	88	88	1	6.0		АСБ-10	3 x 150	900	900	1975	Yasamal	
196	2	705	2	710	2	6.0		АСБ-10	3 x 185	510	1,020	1977	Yasamal	
197	2	705	2	716	2	6.0		ААБЛ-10	3 x 185	250	500	1977	Yasamal	
198	4	707	88	111	1	6.0	1	СБ-6	3 x 95	543	543	1977	Yasamal	АС10,3x185:45(77)
199	2	709	2	710	2	6.0		ААБ-10	3 x 185	350	700	1978	Yasamal	
200	2	710	2	758	2	6.0	1	АСБ-10	3 x 150	380	760	1977	Yasamal	АСБ-10 3x185:60(80)
201	2	710	88	1907	2	6.0							Yasamal	
202	2	710	88	1907	1	6.0							Yasamal	
203	4	711	88	120	2	6.0		АСБ-10	3 x 185	720	1,440	1976	Yasamal	
204	4	816	88	120	1	6.0	1	АСБ-10	3 x 185	800	800	1973	Yasamal	АС10,3x185:70(86)
205	17	839	88	88	1	6.0		АСБ-10	3 x 95	300	300	1988	Yasamal	
206	17	845	88	88	2	6.0	1	ААБ-10	3 x 185	2,420	4,840	1990	Yasamal	ААБ-10 3x185:220(90)
207	17	849	17	850	2	6.0		ААБ-10	3 x 95	495	990	1990	Yasamal	
208	17	852	17	853	2	6.0		ААБ-10	3 x 95	350	700	1993	Yasamal	
209	17	900	88	88	2	6.0		АСБ-10	3 x 240	80	160	1970	Yasamal	
210	17	900	17	901	2	6.0		ААБ-10	3 x 150	350	700	1994	Yasamal	
211	90	2092	88	88	1	6.0		ААБЛ-10	3 x 185	800	800	1986	Yasamal	
212	90	2092	88	88	1	6.0		ААБЛ-10	3 x 185	800	800	1986	Yasamal	
213	90	2092	88	88	1	6.0		ААБЛ-10	3 x 185	800	800	1986	Yasamal	
214	90	2092	88	88	1	6.0		ААБЛ-10	3 x 185	800	800	1986	Yasamal	
<b>Subtotal</b>					<b>233</b>		<b>124</b>			<b>94,077</b>	<b>103,027</b>			
<b>(10kV)</b>														
1	3	3	3	624	2	10.0		ААШБ-10	3 x 185	260	520	1976	Yasamal	
2	3	3	3	907	1	10.0		СБ-10	3 x 35	100	100	1995	Yasamal	
3	3	3	3	908	1	10.0		ААБ-10	3 x 150	100	100	1995	Yasamal	
4	17	42	17	337	2	10.0		ААБ-10	3 x 185	350	700	1970	Yasamal	
5	17	42	17	469	2	10.0		ААБ-10	3 x 185	410	820	1970	Yasamal	
6	17	42	17	801	1	10.0		0	0	0	0		Yasamal	
7	17	42	17	890	2	10.0		ААБ-10	3 x 95	280	560	1993	Yasamal	
8	3	84	3	122	1	10.0		ААЛОЖ-10	3 x 185	410	410	1981	Yasamal	
9	3	84	3	624	1	10.0		ААБ-10	3 x 185	125	125	1983	Yasamal	
10	3	122	3	624	1	10.0		ААБ-10	3 x 120	50	50	1981	Yasamal	
11	3	122	3	660	2	10.0		АСБ-10	3 x 150	530	1,060	1981	Yasamal	
12	4	141	4	664	2	10.0		ААШБ-10	3 x 185	350	700	1983	Yasamal	
13	17	266	17	300	2	10.0		ААШБ-10	3 x 95	410	820	1971	Yasamal	
14	17	266	17	373	1	10.0		АСБ-6	3 x 120	270	270	1961	Yasamal	
15	17	266	17	687	1	10.0	3	АСБ-6	3 x 120	830	830	1965	Yasamal	АСБ-6,3x120,160(69);3x120,300(63);АСБ-10,3x120,80(91)
16	17	266	17	3266	1	10.0		АСБ-10	3 x 185	70	70	1971	Yasamal	
17	17	295	17	466	1	10.0		ААБЛ-10	3 x 185	280	280	1977	Yasamal	
18	17	295	17	570	1	10.0		0	0	615	615	1998	Yasamal	
19	17	295	17	700	1	10.0		ААБЛ-10	3 x 185	960	960	1977	Yasamal	
20	17	300	17	337	1	10.0		АСБ-6	3 x 185	300	300	1963	Yasamal	
21	17	300	17	352	1	10.0		АСБ-6	3 x 185	300	300	1961	Yasamal	
22	17	300	17	599	1	10.0		ААБ-10	3 x 185	260	260	1971	Yasamal	
23	17	300	17	1047	1	10.0		ААБ-10	3 x 95	185	185	1999	Yasamal	
24	17	337	17	599	1	10.0		ААБ-10	3 x 185	140	140	1971	Yasamal	
25	17	352	17	524	1	10.0		АСБ-6	3 x 120	234	234	1967	Yasamal	
26	17	352	17	700	1	10.0	4	АСБ-6	3 x 185	340	340	1966	Yasamal	АСБ-6 3x185(60);ААБ-10 3x150 3x(74);АСБ-10 3x150 3x(74);АСБ-10 3x185 3x(77)
27	17	353	17	430	1	10.0		ААШБ-10	3 x 185	400	400	1978	Yasamal	
28	17	353	17	447	1	10.0	2	АСБ-6	3 x 185	1,234	1,234	1964	Yasamal	ААШБ-10 3 x 185:557(78);ААШБ-10 3x150:557(78)
29	17	353	17	524	1	10.0		АСБ-10	3 x 185	140	140	1967	Yasamal	
30	17	353	17	700	1	10.0	1	ААШБ-10	3 x 185	580	580	1978	Yasamal	АСБ-10 3x 185:340(78)
31	17	355	17	398	1	10.0		ААБ-10	3 x 150	450	450	1990	Yasamal	
32	4	355	4	557	1	10.0	1	АСБ-10	4 x 185	170	170	1961	Yasamal	СБ-10 3x95:110(69)
33	4	355	4	752	1	10.0		АСБ-10	3 x 150	340	340	1990	Yasamal	
34	17	373	17	700	1	10.0	2	АСБ-6	3 x 185	655	655	1966	Yasamal	АСБ-10 3x185:15(68);СБ-10 3x95:280(68)
35	17	382	17	748	1	10.0		ААБ-10	3 x 120	1,240	1,240	1978	Yasamal	
36	17	382	17	795	1	10.0		ААБ-10	3 x 185	250	250	1985	Yasamal	
37	17	386	17	715	1	10.0		ААШБ-10	3 x 95	25	25	1993	Yasamal	
38	4	398	4	557	1	10.0		ААБ-10	3 x 150	460	460	1990	Yasamal	
39	4	398	4	765	2	10.0		ААБЛ-10	3 x 150	1,250	2,500	1990	Yasamal	
40	3	409	3	625	1	10.0	2	АСБ-10	3 x 150	670	670	1975	Yasamal	АСБ-10 3x150:50(75);АСБ-10 3x150:70(80)
41	3	409	3	660	3	10.0		АСБ-10	3 x 150	350	1,050	1975	Yasamal	
42	17	428	4	429	2	10.0		АСБ-10	3 x 150	500	1,000	1982	Yasamal	
43	17	428	17	439	1	10.0		СБ-6	3 x 95	250	250	1963	Yasamal	

Appendix II.2.3-1(2) 6kV & 10kV Underground Cables in Yasamal

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
44	17	428	17	439	1	10.0		AAHIB-10	3 x 185	286	286	1978	Yasamal	
45	17	428	17	956	1	10.0		0	0	0	0		Yasamal	
46	17	429	17	430	1	10.0	1	AAE-10	3 x 185	439	439	1978	Yasamal	AAHIB-10 3 x 185:1029(78)
47	17	429	17	700	1	10.0		ACB-10	3 x 185	227	227	1978	Yasamal	
48	17	430	17	700	1	10.0	1	AAHIB-10	3 x 185	609	609	1978	Yasamal	ACB-103 x 185:229(78)
49	3	433	3	561	2	10.0		ACB-10	3 x 150	200	400	1974	Yasamal	
50	3	433	3	660	2	10.0		ACB-10	3 x 150	160	320	1974	Yasamal	
51	3	437	3	448	2	10.0		AAE-10	3x120	250	500	1994	Yasamal	
52	3	437	3	680	2	10.0		AAE-10	3x120	800	1,600	1974	Yasamal	
53	17	439	17	446	2	10.0		AAHIB-10	3 x 185	340	680	1998	Yasamal	
54	17	439	17	588	1	10.0		AAE-10	3 x 95	15	15	1996	Yasamal	
55	4	445	4	664	1	10.0		0	0	0	0		Yasamal	
56	4	445	4	829	2	10.0		AAE-10	3 x 150	230	460	1989	Yasamal	
57	4	445	4	898	1	10.0		AAE-10	3 x 120	1,500	1,500	1994	Yasamal	
58	4	445	4	921	2	10.0		AAE-10	3 x 120	615	1,230	1996	Yasamal	
59	17	446	17	447	2	10.0	1	AAHIB-10	3 x 185	1,770	3,540	1978	Yasamal	AAHIB-10 3x185:750(78)
60	17	447	17	956	1	10.0		0	0	0	0	1974	Yasamal	
61	3	448	3	561	1	10.0		AAE-10	3 x 185	550	550	1988	Yasamal	
62	3	448	3	1046	1	10.0		AAE-10	3 x 185	350	350	1999	Yasamal	
63	9	465	9	571	1	10.0		AAHIB-10	3 x 185	60	60	1983	Yasamal	
64	9	465	88	1906	2	10.0		ACB-10	3 x 185	1,240	2,480	1981	Yasamal	
65	17	466	17	715	2	10.0		0	0	0	0		Yasamal	
66	4	467	3	625	2	10.0	1	ACB-10	3 x 150	670	1,340	1975	Yasamal	ACB-10 3 x 185:70(80)
67	4	467	4	752	2	10.0		AAE-10	3 x 185	800	1,600	1989	Yasamal	
68	4	467	4	898	2	10.0		AAE-10	3 x 120	280	560	1994	Yasamal	
69	17	469	17	687	1	10.0	1	ACB-6	3 x 120	230	230	1965	Yasamal	ACB-10 3x120:80(91)
70	17	469	88	1910	2	10.0		AAE-10	3 x 150	500	1,000	1970	Yasamal	
71	17	541	17	700	1	10.0		ACB-10	3 x 185	50	50	1977	Yasamal	
72	4	557	4	752	1	10.0		AAE-10	3 x 150	340	340	1990	Yasamal	
73	3	561	3	1046	1	10.0		AAE-10	3 x 185	200	200	1999	Yasamal	
74	17	570	17	700	1	10.0		AAE-10	3 x 185	850	850	1977	Yasamal	
75	17	570	4	715	1	10.0		AAE-10	3 x 185	530	530	1977	Yasamal	
76	9	571	9	703	1	10.0		ACB-10	3 x 185	300	300	1985	Yasamal	
77	9	571	9	793	2	10.0		ACB-10	3 x 240	70	140	1984	Yasamal	
78	9	571	9	887	2	10.0		AAE-10	3 x 185	130	260	1993	Yasamal	
79	9	571	88	1906	2	10.0		ACB-10	3 x 150	1,210	2,420	1981	Yasamal	
80	4	580	4	765	1	10.0		0	0	0	0		Yasamal	
81	3	625	3	660	1	10.0	1	ACB-10	3 x 150	920	920	1975	Yasamal	ACB-103x150:70(80)
82	9	647	90	651	2	10.0		AAE-10	3 x 150	610	1,220	1991	Yasamal	
83	9	647	9	703	1	10.0		AAE-10	3 x 150	35	35	1993	Yasamal	
84	9	647	9	774	1	10.0		AAE-10	3 x 185	900	900	1988	Yasamal	
85	3	660	3	680	2	10.0		AAE-10	3 x 150	2,300	4,600	1994	Yasamal	
86	3	660	3	689	2	10.0	1	ACB-10	3 x 150	980	1,960	1974	Yasamal	AC10,3x150:190(76)
87	3	660	17	814	1	10.0	1	ACB-10	3 x 150	1,150	1,150	1974	Yasamal	AA10,3x150:300(85)
88	3	660	88	1910	1	10.0		ACB-10	3 x 150	1,450	1,450	1974	Yasamal	
89	4	664	4	765	1	10.0		AAE-10	3 x 120	1,050	1,050	1983	Yasamal	
90	4	664	4	898	1	10.0		0	0	0	0		Yasamal	
91	17	670	17	700	2	10.0		AAE-10	3 x 185	600	1,200	1991	Yasamal	
92	17	670	17	748	2	10.0		AAHIB-10	3 x 185	600	1,200	1979	Yasamal	
93	3	680	88	1907	2	10.0		ACB-10	3 x 185	1,404	2,808	1990	Yasamal	
94	3	689	3	750	2	10.0	1	ACB-10	3 x 150	725	1,450	1974	Yasamal	AC10,3x150:190(76)
95	17	700	4	1048	2	10.0		0	0	0	0		Yasamal	
96	17	700	88	1910	2	10.0	2	AAHIB-10	3 x 185	1,470	2,940	1974	Yasamal	ACB-10 3x185:90(75),ACB-10 3x185:15(77)
97	17	700	88	1910	2	10.0		ACB-10	3 x 240	1,500	3,000	1977	Yasamal	
98	17	715	17	899	2	10.0		ACB-10	3 x 240	40	80	1995	Yasamal	
99	17	715	17	899	2	10.0		0	0	0	0		Yasamal	
100	17	748	4	911	1	10.0	2	ACB-10	3 x 120	1,045	1,045	1950	Yasamal	ACB-10 3x150:940(75,98)
101	17	750	88	1910	2	10.0		ACB-10	3 x 150	195	390	1974	Yasamal	
102	2	755	88	1907	2	10.0		ACB-10	3 x 95	1,500	3,000	1985	Yasamal	
103	4	765	4	776	2	10.0		AAE-10	3 x 185	325	650	1982	Yasamal	
104	4	765	4	883	2	10.0		AAE-10	3 x 95	500	1,000	1993	Yasamal	
105	4	765	88	1906	1	10.0		ACB-10	3 x 185	2,000	2,000	1981	Yasamal	
106	4	776	4	829	2	10.0		ACB-10	3 x 185	470	940	1987	Yasamal	
107	17	795	17	846	1	10.0		AAE-10	3 x 185	350	350	1995	Yasamal	
108	17	795	17	848	1	10.0		AAE-10	3 x 120	500	500	1995	Yasamal	

Appendix II.2.3-1(2) 6kV & 10kV Underground Cables in Yasamal

No.	From		To		Num. of Circuit (CCF)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
109	3	796	3	800	2	10.0		AAE-10	3 x 95	250	500	1972	Yasamal	
110	3	797	3	802	2	10.0		AAE-10	3 x 95	168	336	1972	Yasamal	
111	3	798	3	800	2	10.0	1	AAE-10	3 x 95	400	800	1972	Yasamal	ACE-10 3x185:250(72)
112	3	799	3	800	2	10.0		ACE-10	3 x 120	250	500	1972	Yasamal	
113	3	799	17	801	2	10.0		ACE-10	3 x 185	250	500	1972	Yasamal	
114	3	799	3	890	1	10.0		0	0	0	0		Yasamal	
115	3	800	3	802	2	10.0		AAE-10	3 x 95	155	310	1972	Yasamal	
116	3	800	88	1910	2	10.0		ACE-10	3 x 185	700	1,400	1972	Yasamal	
117	17	814	88	1910	1	10.0	1	ACE-10	3 x 150	900	900	1974	Yasamal	AA10,3x150:300(85)
118	17	846	17	847	2	10.0		AAE2R-10	3 x 120	430	860	1990	Yasamal	
119	17	846	17	850	2	10.0		AAE2R-10	3 x 120	400	800	1990	Yasamal	
120	17	847	17	848	2	10.0		AAE2R-10	3 x 120	450	900	1990	Yasamal	
121	17	850	17	851	2	10.0		AAE-10	3 x 150	550	1,100	1990	Yasamal	
122	17	850	18	853	2	10.0		AAE-10	3 x 95	760	1,520	1993	Yasamal	
123	17	850	88	1918	3	10.0		AAE2R-10	3 x 185	2,420	7,260	1990	Yasamal	
124	17	851	17	852	2	10.0		AAE-	3 x 95	370	740	1993	Yasamal	
125	9	887	88	1906	1	10.0		AAE2R-10	3 x 120	600	600	1993	Yasamal	
126	17	899	88	1918	2	10.0		ACE-10	3 x 185	890	1,780	1994	Yasamal	
<b>Subtotal</b>					<b>187</b>		<b>30</b>			<b>65,486</b>	<b>103,873</b>			
<b>Grand Total</b>					<b>420</b>		<b>154</b>			<b>159,563</b>	<b>206,900</b>			

Appendix II.2.3-1(3) 6kV & 10kV Underground Cables in Nasimi

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
<b>(6kV)</b>														
1	3	15	8	24	1	6.0		ACB-10	3 x 185	440	440	1966	Nasimi	
2	3	15	3	47	1	6.0	1	CB-6	3 x 50	262	262	1935	Nasimi	CB6,3x70.50(-)
3	3	15	3	58	1	6.0	1	CB-6	3 x 50	175	175	1927	Nasimi	CB6,3x70.61(-)
4	2	44	5	45	1	6.0		CB-6	3 x 95	365	365	1911	Nasimi	
5	2	44	2	162	1	6.0	2	CB-6	3 x 95	645	645	1936	Nasimi	AAE-10 3x185:25(80),CB-6 3x50.460(0)
6	5	45	3	51	1	6.0		CB-6	3 x 70	293	293	1931	Nasimi	
7	5	45	5	81	1	6.0	1	CB-6	3 x 70	358	358	1912	Nasimi	CB-6 3x95:125(58)
8	5	46	5	81	1	6.0	1	CB-6	3 x 70	429	429	1912	Nasimi	CB-6 3x95:125(58)
9	5	46	5	214	1	6.0	2	CB-6	3 x 95	587	587	1913	Nasimi	CB-6 3x70.153(72),AAE-10 3x150.15(72)
10	3	47	88	117	1	6.0	1	CB-6	3 x 50	662	662	1922	Nasimi	ACB-6 3x150.340(22)
11	3	48	5	106	1	6.0	1	CB-6	3 x 70	410	410	1935	Nasimi	ACE-10 3x185:200(77)
12	3	48	88	117	1	6.0	1	ACE-10	3 x 150	450	450	1922	Nasimi	CB-6 3x50:100(22)
13	3	50	3	51	1	6.0	1	CB-6	3 x 50	340	340	1931	Nasimi	CB6,3x95:115(53)
14	3	50	3	58	1	6.0	1	CB-6	3 x 50	519	519	1928	Nasimi	CB6,3x95:70(53)
15	5	52	88	117	2	6.0	1	ACE-10	3 x 150	334	668	1968	Nasimi	ACE-10 3x150:210(68)
16	5	52	5	214	1	6.0	1	CB-6	3 x 95	490	490	1954	Nasimi	ACE-10 150.80(80)
17	5	52	5	831	2	6.0		ACE-10	3 x 185	260	520	1987	Nasimi	
18	5	64	5	71	1	6.0		CB-10	3 x 95	70	70	1970	Sabail	
19	5	64	5	75	1	6.0	1	CB-10	3 x 95	599	599	1923	Sabail	CB-10 3x95:250(70)
20	5	64	5	217	1	6.0	1	ACE-6	3 x 185	632	632	1959	Sabail	CB-6 3x95:250(70)
21	5	64	88	220	2	6.0	1	CB-6	3 x 185	1,450	2,900	1968	Sabail	ACE-6 3x240.80(70)
22	5	64	5	400	2	6.0	1	ACE-6	3 x 150	300	600	1963	Sabail	ACE-10 3x185:180(70)
23	5	65	5	94	1	6.0	1	CB-6	3 x 95	400	400	1923	Nasimi	ACE-6 3x185:100(78)
24	5	65	88	220	1	6.0	1	CB-6	3 x 95	670	670	1923	Nasimi	CB-6 3x70:570(23)
25	5	65	5	230	1	6.0							Nasimi	
26	5	65	90	241	1	6.0		CB-6	3 x 70	250	250	1926	Nasimi	
27	5	65	5	250	1	6.0		AAE-10	3 x 185	640	640	1974	Nasimi	
28	6	67	6	68	1	6.0		CB-6	3 x 95	635	635	1958	Nasimi	
29	6	67	7	70	1	6.0	2	CB-6	3 x 95	540	540	1926	Nasimi	C6,3x70:160(56);AA10,3x150:140(82)
30	6	67	5	71	1	6.0		CB-6	3 x 95	476	476	1954	Nasimi	
31	6	67	6	526	1	6.0		CB-6	3 x 95	317	317	1931	Nasimi	
32	6	67	6	623	1	6.0	1	CB-6	3 x 50	230	230	1949	Nasimi	AC10,3x150:135(73)
33	6	68	6	87	1	6.0		CB-6	3 x 95	386	386	1931	Nasimi	
34	6	68	6	231	1	6.0	2	CB-6	3 x 95	662	662	1950	Nasimi	C6,3x185:480(50);AC6,3x185:75(66)
35	6	68	6	363	1	6.0	2	CB-6	3 x 50	408	408	1949	Nasimi	AC10,3x95:150(61);3x185:195(61)
36	6	68	6	526	1	6.0		CB-6	3 x 95	315	315	1931	Nasimi	
37	5	71	5	310	1	6.0	1	CB-6	3 x 95	230	230	1955	Nasimi	CB-6 3x183:100(59)
38	5	71	5	3289	1	6.0	2	CB-6	3 x 70	961	961	1920	Nasimi	CB-6 3x185:430(67);CB-10 3x95:185(70)
39	5	75	5	94	1	6.0	2	CB-6	3 x 50	405	405	1923	Nasimi	CB-6 3x150:38(58);ACE-6 3x185:40(73)
40	5	75	5	94	1	6.0		AAE-10	3 x 185	415	415	1978	Nasimi	
41	5	75	5	236	1	6.0	1	CB-6	3 x 95	270	270	1955	Nasimi	ACE-10 3x185:120(77)
42	5	76	5	79	1	6.0		CB-6	3 x 70	341	341	1951	Nasimi	
43	5	76	1	228	1	6.0	1	CB-6	3 x 70	270	270	1955	Nasimi	ACE-10 3x185:120(77)
44	5	78	5	234	1	6.0	1	CB-6	3 x 70	267	267	1911	Nasimi	CB-6 3x70:360(31)
45	5	78	5	614	1	6.0		ACE-10	3 x 150	170	170	1912	Nasimi	
46	5	79	5	371	1	6.0	1	ACE-10	3 x 185	380	380	1982	Nasimi	AAE-10 3x185:200(82)
47	5	79	6	623	1	6.0		AAE-10	3 x 185	225	225	1973	Nasimi	
48	5	81	5	450	1	6.0	2	ACE-10	3 x 150	840	840	1980	Nasimi	ACE-10 3x185:270(89);ACE-10 3x240:150(74)
49	5	81	5	614	1	6.0		ACE-10	3 x 150	130	130	1974	Nasimi	
50	6	86	6	89	1	6.0		AAE-6	3 x 120	300	300	1965	Nasimi	
51	6	86	88	96	1	6.0		CB-6	3 x 95	200	200	1955	Nasimi	
52	6	86	88	96	1	6.0	2	CB-6	3 x 70	250	250	1964	Nasimi	C6,3x95:110(64);3x150:23(64)
53	6	86	88	96	1	6.0							Nasimi	
54	6	86	6	145	1	6.0		ACE-10	3 x 120	360	360	1965	Nasimi	
55	6	86	6	150	1	6.0	2	CB-6	3 x 70	65	65	1954	Nasimi	C6,3x95:180(54);AA11,3x185:140(54)
56	6	86	6	231	1	6.0		ACE-10	3 x 150	380	380	1984	Nasimi	
57	6	87	6	390	1	6.0	1	CB-6	3 x 95	415	415	1931	Nasimi	AC6,3x150:145(63)
58	6	87	6	838	1	6.0	1	CB-6	3 x 70	130	130	1938	Nasimi	AC10,3x185:30(87)
59	6	89	88	96	1	6.0	1	CB-6	3 x 150	548	548	1960	Nasimi	AC6,3x185:59(60)
60	6	89	5	173	1	6.0	2	CB-6	3 x 95	570	570	1953	Nasimi	CB-6 3x95:140(53);ACE-6 3x150:167(59)
61	6	89	6	251	1	6.0	1	ACE-10	3 x 95	1,050	1,050	1960	Nasimi	AC10,3x185:70(60)
62	6	89	6	390	1	6.0	1	CB-6	3 x 95	375	375	1931	Nasimi	AC6,3x150:145(63)
63	6	89	6	772	1	6.0	2	ACE-6	3 x 185	721	721	1960	Nasimi	AC10,3x150:196(81);AA10,3x185:420(81)
64	5	93	5	94	1	6.0	2	CB-6	3 x 70	567	567	1978	Nasimi	CB-6 3x70:257(78);AAE-10 3x185:40(78)



Appendix II.2.3-1(3) 6kV & 10kV Underground Cables in Nasimi

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
65	5	93	5	414	1	6.0	1	ACB-6	3 x 150	210	210	1962	Nasimi	CE-6 3x70:140(53)
66	5	93	5	532	1	6.0	1	ACB-6	3 x 150	120	120	1959	Nasimi	ACB-10 3x150:55(59)
67	5	94	88	220	1	6.0	1	ACB-6	3 x 185	1,200	1,200	1962	Nasimi	AAIIB-10 3x185:430(78)
68	5	94	5	553	1	6.0	2	ACB-6	3 x 185	1,270	1,270	1962	Nasimi	AAIIB-10 3x185:420(78), AAE-10 3x185:130(71)
69	5	106	5	450	1	6.0		ACB-6	3 x 150	225	225	1968	Nasimi	
70	9	115	9	203	1	6.0		AAIIB-10	3 x 95	190	190	1984	Nasimi	
71	5	126	5	662	1	6.0		AAE-10	3 x 120	110	110	1991	Nasimi	
72	5	126		1022	1	6.0							Nasimi	
73	5	138	88	111	1	6.0	1	CB-6	3 x 70	603	603	1953	Nasimi	ACB-6 3x95:382(61)
74	5	138	5	223	1	6.0		ACB-6	3 x 95	385	385	1961	Nasimi	
75	5	138	5	379	1	6.0	1	ACB-6	3 x 185	530	530	1961	Nasimi	ACB-10 3x150:30(87)
76	6	145	6	396	1	6.0		ACB-10	3 x 120	230	230	1964	Nasimi	
77	6	150	6	231	1	6.0	2	ACB-6	3 x 185	355	355	1966	Nasimi	AAIII10,3x185:140(82), CB-6 3x70:130(54)
78	9	151	9	199	1	6.0		CB-6	3 x 70	360	360	1962	Nasimi	
79	9	151	9	203	1	6.0		CB-6	3 x 95	550	550	1960	Nasimi	
80	5	154	88	117	1	6.0		ACB-10	3 x 150	565	565	1974	Nasimi	
81	5	154	5	155	1	6.0	1	ACB-6	3 x 185	580	580	1957	Nasimi	CB-6 3x70:180(57)
82	5	154	4	783	1	6.0	2	CB-6	3 x 70	573	573	1957	Nasimi	C6,3x95:236(57); AC6,3x95:150(83)
83	5	155	5	831	1	6.0		CB-6	3 x 70	545	545	1954	Nasimi	
84	5	156	5	180	1	6.0		ACB-6	3 x 120	495	495	1954	Nasimi	
85	5	156	1	228	1	6.0	1	CB-6	3 x 70	335	335	1954	Nasimi	ACB-10 3x185:50(74)
86	5	156	5	505	1	6.0		ACB-10	3 x 150	210	210	1980	Nasimi	
87	5	158	5	224	1	6.0	1	CB-6	3 x 70	312	312	1957	Nasimi	ACB-6 3x150:12(87)
88	5	158	5	379	1	6.0	1	ACB-6	3 x 185	380	380	1961	Nasimi	ACB-10 3x150:30(87)
89	6	170	6	226	1	6.0	1	CB-6	3 x 95	387	387	1950	Nasimi	AC6,3x95:213(64)
90	6	170	6	279	1	6.0	1	ACB-6	3 x 120	550	550	1999	Nasimi	ACB-6,3x120:47(99)
91	6	170	6	396	1	6.0	1	CB-6	3 x 50	470	470	1950	Nasimi	C6,3x95:220(55)
92	5	173	5	225	1	6.0	1	CB-6	3 x 95	200	200	1951	Nasimi	ACB-6 3x185:350(62)
93	5	173	5	309	1	6.0	1	ACB-6	3 x 185	790	790	1959	Nasimi	AAIIB-10 3x185:110(79)
94	5	173	5	958	1	6.0	1	AAE-10	0	435	435	1997	Nasimi	ACB-6 3x120:400(97)
95	6	175	88	96	1	6.0	2	OCB-35	3 x 95	584	584	1955	Nasimi	C6,3x185:80(55); 3x150:85(65)
96	6	175	6	176	1	6.0		ACB-6	3 x 120	250	250	1957	Nasimi	
97	6	175	6	177	1	6.0		CB-6	3 x 95	229	229	1957	Nasimi	
98	6	175	6	302	1	6.0	1	CB-6	3 x 95	620	620	1955	Nasimi	AC6,3x150:210(59)
99	6	176	6	178	1	6.0	1	ACB-6	3 x 95	280	280	1958	Nasimi	AC10,3x185:65(68)
100	6	177	6	396	1	6.0	1	CB-6	3 x 95	530	530	1955	Nasimi	C6,3x50:250(62)
101	6	177	6	723	1	6.0	2	CB-6	3 x 95	626	626	1960	Nasimi	C6,3x185:350(60); AC10,3x240:110(60)
102	6	178	6	478	1	6.0		ACB-10	3 x 150	800	800	1967	Nasimi	
103	5	180	5	309	1	6.0	1	ACB-6	3 x 120	290	290	1959	Nasimi	AAIIB-6 3x120:110(70)
104	9	183	9	188	1	6.0	4	ACB-10	3 x 120	650	650	1958	Nasimi	AAE-6 3x95:170(91); 3x120:155(91); 3x95:30(91); AAE-10,3x10:19(99)
105	9	188	9	395	1	6.0		ACB-6	3 x 95	160	160	1958	Nasimi	
106	4	189	88	111	1	6.0	3	CB-6	3 x 150	1,380	1,380	1965	Nasimi	AAE-10 3x185:730(67); ACB-6,3x150:150(65); 220(67)
107	4	189	9	232	1	6.0		ACB-6	3 x 70	510	510	1955	Nasimi	
108	9	197	9	493	1	6.0		AAE-10	3 x 120	240	240	1965	Nasimi	
109	9	197	9	594	1	6.0	1	CB-6	3 x 95	414	414	1955	Nasimi	AC10,3x185:7(72)
110	9	197	9	823	1	6.0	1	CB-6	3 x 95	230	230	1955	Nasimi	AAI10,3x185:100(85)
111	9	199	9	232	1	6.0		ACB-6	3 x 120	800	800	1960	Nasimi	
112	9	203	9	233	1	6.0		ACB-6	3 x 95	600	600	1960	Nasimi	
113	9	203	9	313	1	6.0		CB-6	3 x 95	270	270	1960	Nasimi	
114	9	203	9	336	1	6.0		ACB-6	3 x 95	110	110	1960	Nasimi	
115	9	203	9	636	1	6.0	1	ACB-10	3 x 185	400	400	1974	Nasimi	AAIII10,3x185:340(84)
116	5	217	5	243	1	6.0		CB-6	3 x 70				Nasimi	
117	5	217	5	662	1	6.0		ACB-10	3 x 185	256	256	1974	Nasimi	
118	9	221	9	233	1	6.0	1	CB-6	3 x 95	440	440	1955	Nasimi	AAIII10,3x150:310(73)
119	9	221	9	313	1	6.0		CB-6	3 x 95	425	425	1959	Nasimi	
120	9	221	9	1025	1	6.0							Nasimi	
121	5	223	88	111	2	6.0		ACB-10	3 x 240	620	1,240	1988	Nasimi	
122	5	223	5	225	1	6.0	1	ACB-10	3 x 120	250	250	1960	Nasimi	ACB-6 3x185:210(60)
123	5	224	5	271	1	6.0	1	ACB-6	3 x 150	433	433	1957	Nasimi	ACB-6 3x150:55(87)
124	6	226	6	723	1	6.0		AAIIB-10	3 x 185	300	300	1978	Nasimi	
125	5	228	5	309	1	6.0	2	ACB-6	3 x 185	500	500	1961	Nasimi	AAIIB-10 3x185:110(74); ACB-10 3x185:110(76)
126	5	228	5	831	1	6.0	1	CB-6	3 x 70	305	305	1954	Nasimi	ACB-6 3x185:130(77)
127	6	229	6	279	1	6.0		ACB-6	3 x 185	100	100	1961	Nasimi	
128	6	229	6	838	1	6.0	2	CB-6	3 x 95	395	395	1961	Nasimi	CB-6 3x70:250(38); AAE-10 3x185:30(87)
129	6	231	6	390	1	6.0	2	CB-6	3 x 95	280	280	1953	Nasimi	AC6,3x150:75(53); AC6,3x185:135(66)

Appendix II.2.3-1(3) 6kV & 10kV Underground Cables in Nasimi

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
130	9	232	9	823	1	6.0		AAE-10	3 x 185	300	300	1985	Nasimi	
131	9	233	9	959	1	6.0		AAE-10	3 x 95	200	200	1997	Nasimi	
132	5	234	5	310	1	6.0	2	CB-6	3 x 70	300	300	1954	Nasimi	CB-6 3x95:400(55),CB-6 3x185:100(59)
133	5	234	5	492	1	6.0	3	ACE-6	3 x 185	439	439	1958	Nasimi	CB-6 3x185:74(60),ACE-10 3x150:160(72),CB-6 3x70:175(58)
134	5	240	88	220	1	6.0	2	CB-6	3 x 150	510	510	1956	Nasimi	AAE-10 3 x 185:93(68),ACE-10 3x150:105(77)
135	5	240	5	332	1	6.0		ACE-6	3 x 150	150	150	1961	Nasimi	
136	5	240	5	532	1	6.0	1	ACE-6	3 x 150	340	340	1959	Nasimi	ACE-6 3 x 185:55(60)
137	5	240	5	662	1	6.0	3	CB-6	3 x 150	696	696	1956	Nasimi	AAE-10 3 x 185 92(68),ACE-10 3x240 104(74),ACE-6 3x185 105(59)
138	90	241	88	220	1	6.0							Nasimi	
139	5	242	5	243	1	6.0							Sabail	
140	5	243	88	220	2	6.0	1	AAIBB-10	3 x 150	560	1,120	1987	Nasimi	ACE-10 3x150:350(87)
141	5	244	5	245	1	6.0							Nasimi	
142	5	245	88	220	2	6.0	2	CB-6	3 x 95	1,116	2,232	1992	Nasimi	ACE-10 3x185:650(92),CB-6 3x185:436(92)
143	5	245	5	246	1	6.0		CB-6	3 x 70	219	219		Nasimi	
144	5	246	5	255	1	6.0	1	CB-6	3 x 95	148	148		Nasimi	CB-6 3x185:63(0)
145	5	248	88	220	1	6.0		0	0	0	0		Nasimi	
146	5	248	5	255	1	6.0		CB-6	3 x 70	480	480		Nasimi	
147	5	248	5	275	1	6.0		CB-6	3 x 95	200	200		Nasimi	
148	5	250	5	575	1	6.0		AAE-10	3 x 185	270	270	1974	Nasimi	
149	6	256	6	302	1	6.0	1	CB-6	3 x 95	275	275	1955	Nasimi	ACE-6 3x150:230(59)
150	5	265	5	464	1	6.0	2	CB-6	3 x 95	195	195	1956	Nasimi	CB-6 3x70:55(56),ACE-10 3x150:50(80)
151	5	271	88	111	1	6.0	1	ACE-10	3 x 185	641	641	1967	Nasimi	ACE-10 3x150:41(74)
152	5	271	5	505	1	6.0	1	ACE-6	3 x 185	791	791	1967	Nasimi	ACE-10 3x150:41(74)
153	6	279	6	323	1	6.0	1	ACE-6	3 x 120	260	260	1999	Nasimi	ACE-10,3x120:50(99)
154	6	279	5	1031	1	6.0		AAE-10	3 x 150	30	30	1999	Nasimi	
155	5	309	90	386	1	6.0		AAE-10	3 x 95	40	40	1996	Nasimi	
156	5	309	5	958	1	6.0							Nasimi	
157	5	309		1031	1	6.0		AAE-10	3 x 95	300	300	1996	Nasimi	
158	9	313	9	419	1	6.0		ACE-6	3 x 120	260	260	1962	Nasimi	
159	6	323	6	478	1	6.0	2	ACE-6	3 x 240	615	615	1960	Nasimi	ACE-6 3x185:160(60),ACE-6 3x185:90(60),
160	5	326	88	220	1	6.0	1	CB-6	3 x 95	1,420	1,420	1949	Nasimi	ACE-6 3x150:320(62)
161	5	326	88	220	1	6.0	1	ACE-6	3 x 185	1,445	1,445	1962	Nasimi	ACE-10 3x150:35(75)
162	5	332	88	220	1	6.0		ACE-6	3 x 150	300	300	1961	Nasimi	
163	5	334	88	117	1	6.0	2	ACE-6	3 x 185	476	476	1960	Nasimi	ACE-10 3x185:21(79),ACE-10 3x185:435(69)
164	5	334	5	492	1	6.0	2	ACE-6	3 x 185	112	112	1960	Nasimi	ACE-10 3x185:70(69),ACE-6 3x185:22(79),
165	9	336	9	435	1	6.0		AAE-6	3 x 150	750	750	1967	Nasimi	
166	9	336	9	493	1	6.0		AAE-10	3 x 120	770	770	1965	Nasimi	
167	6	345	88	111	1	6.0		CB-6	3 x 95	290	290	1960	Nasimi	
168	6	345	6	522	1	6.0	2	ACE-10	3 x 185	285	285	1960	Nasimi	CB-6 3x185:145(60),CB-6 3x150:15(67)
169	6	345	9	835	1	6.0		CB-6	3 x 95	190	190	1960	Nasimi	
170	9	360	88	88	2	6.0		ACE-6	3 x 150	800	1,600	1961	Nasimi	
171	9	360	9	380	1	6.0		ACE-6	3 x 120	350	350	1961	Nasimi	
172	9	360	9	420	1	6.0		ACE-6	3 x 185	410	410	1962	Nasimi	
173	5	371	5	492	1	6.0		ACE-10	3 x 95	175	175	1982	Nasimi	
174	9	380	9	470	1	6.0	1	ACE-6	3 x 185	562	562	1960	Nasimi	AC10,3x185:222(64)
175	9	381	9	435	1	6.0	1	ACE-6	3 x 150	1,300	1,300	1961	Nasimi	ACE-6,3x150:140(73)
176	9	381	9	470	1	6.0	1	ACE-6	3 x 185	267	267	1960	Nasimi	AC10,3x185:222(64)
177	5	400	5	575	2	6.0		AAE-10	3 x 185	415	830	1970	Nasimi	
178	5	414	5	532	1	6.0		ACE-10	3 x 185	120	120	1967	Nasimi	
179	7	420	9	511	1	6.0							Nasimi	
180	6	422	88	96	1	6.0	3	CB-6	3 x 95	473	473	1954	Nasimi	ACE-6,3x150:117(62),56(63),AC10,3x185:50(78)
181	6	422	6	592	1	6.0	1	AAE-6	3 x 150	240	240	1965	Nasimi	AA10,3x185:50(78)
182	9	424	88	88	1	6.0	1	ACE-6	3 x 150	45	45	1998	Nasimi	AAE-10,3x185:15(98)
183	9	424	9	495	1	6.0		AAE-10	3 x 120	240	240	1998	Nasimi	
184	5	426	88	111	1	6.0	1	CB-6	3 x 95	262	262	1958	Nasimi	ACE-6 3x150:90(63)
185	5	426	4	463	1	6.0	2	CB-6	3 x 95	515	515	1958	Nasimi	ACE-6,3x150:90(58),AC10,3x150:515(68)
186	5	426	4	504	2	6.0		ACE-6	3 x 185	280	560	1968	Nasimi	
187	5	450	88	117	1	6.0		ACE-6	3 x 150	100	100	1968	Nasimi	
188	5	450	88	117	1	6.0		AAE-10	3 x 185	105	105	1972	Nasimi	
189	5	450	88	117	1	6.0		AAE-10	3 x 185	105	105	1972	Nasimi	
190	6	478	88	96	1	6.0		ACE-6	3 x 240	155	155	1960	Nasimi	
191	9	493	9	596	1	6.0		AAIBB-10	3 x 185	110	110	1976	Nasimi	
192	9	493	9	636	1	6.0	1	CB-10	3 x 95	1,665	1,665	1973	Nasimi	AC10,3x95:645(74)
193	9	495	9	501	1	6.0		AAE-10	3 x 185	390	390	1965	Nasimi	
194	9	495	9	502	1	6.0		ACE-10	3 x 120	194	194	1998	Nasimi	

Appendix II.2.3-1(3) 6kV & 10kV Underground Cables in Nasimi

No.	From		To		Nun. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Comraiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
195	9	501	9	502	2	6.0		AAE-10	3 x 120	487	974	1998	Nasimi	
196	9	501	9	509	1	6.0		ACE-10	3 x 150	350	350	1966	Nasimi	
197	9	502	9	510	1	6.0		ACE-10	3 x 150	60	60	1998	Nasimi	
198	5	505	5	815	1	6.0	1	ACE-10	3 x 150	400	400	1967	Nasimi	ACE-10 3x150.80(85)
199	9	509	9	511	1	6.0		ACE-10	3 x 150	360	360	1966	Nasimi	
200	9	510	88	88	1	6.0		ACE-10	3 x 150	820	820	1966	Nasimi	
201	9	510	9	511	1	6.0		ACE-6	3 x 150	258	258	1966	Nasimi	
202	9	510	9	511	1	6.0		AAHE-10	3 x 185	265	265	1975	Nasimi	
203	6	522	6	723	1	6.0	1	CE-6	3 x 185	410	410	1960	Nasimi	ACE-10 3x240:110(78)
204	6	560	88	96	1	6.0	1	CE-6	3 x 70	325	325	1957	Nasimi	AC10,3x185:85(69)
205	6	623		2063	1	6.0							Nasimi	
206	5	754	88	220	2	6.0		ACE-10	3 x 185	500	1,000	1980	Nasimi	
207	5	754	90	244	2	6.0		ACE-10	3 x 185	550	1,100	1980	Nasimi	
208	5	754	5	874	2	6.0		ACE-10	3 x 95	500	1,000	1992	Nasimi	
209	4	783	88	117	1	6.0	1	ACE-10	3 x 150	817	817	1974	Nasimi	AC10,3x185:250(83)
210	6	835	88	111	1	6.0		CE-6	3 x 95	100	100	1960	Nasimi	
211	4	955	88	111	2	6.0							Nasimi	
212	6	1006	88	96	1	6.0							Nasimi	
213	90	2060	88	95	2	6.0	2	ACE-10	3 x 185	1,595	3,190	1964	Nasimi	ACE-10 3x185:1050(74),445(81)
<b>Subtotal</b>					<b>229</b>		<b>152</b>			<b>86,724</b>	<b>96,491</b>			
<b>(10kV)</b>														
1	5	24	5	46	1	10.0	1	ACE-10	3 x 185	165	165	1972	Nasimi	ACE-10 3 x 185:10(0)
2	5	24	5	234	1	10.0	2	ACE-10	3 x 185	475	475	1972	Nasimi	ACE-10 3 x 185:10(85),ACE-10 3 x 185:190(72)
3	6	31	6	331	2	10.0		ACE-10	3 x 95	290	580	1979	Nasimi	
4	6	31	6	523	2	10.0		ACE-10	3 x 185	250	500	1979	Nasimi	
5	6	31	6	714	2	10.0		ACE-10	3 x 95	270	540	1977	Nasimi	
6	6	31	6	780	2	10.0	2	ACE-10	3 x 150	2,037	4,074	1977	Nasimi	ACE-10 3x185:100(83),ACE-10 3x240:737(84)
7	6	31	6	1036	1	10.0		ACE-10	3 x 150	1,500	1,500	1999	Nasimi	
8	6	31	6	3218	2	10.0		0	0	0	0	1998	Nasimi	
9	5	46	5	230	1	10.0	1	ACE-10	3 x 185	430	430	1972	Nasimi	ACE-10 3x185:32(82)
10	5	46	5	527	1	10.0	1	ACE-10	3 x 150	400	400	1972	Nasimi	ACE-10 3x150:50(74)
11	5	62	5	325	1	10.0	1	CE-6	3 x 185	130	130	1960	Nasimi	CE-6 3x95:80(60)
12	5	62	5	615	1	10.0		0	0	0	0		Nasimi	
13	9	199	6	840	2	10.0		ACE-10	3 x 185	425	850	1988	Narimanov	
14	9	209	9	440	1	10.0		AAE-6	3 x 185	250	250	1964	Nasimi	
15	9	209	9	440	1	10.0		AAHE-10	3 x 120	220	220	1975	Nasimi	
16	9	209	9	449	1	10.0		ACE-6	3 x 120	230	230	1964	Nasimi	
17	9	209	9	479	1	10.0		AAE-10	3 x 150	510	510	1965	Nasimi	
18	6	218	6	523	1	10.0	1	AAE-10	3 x 185	470	470	1979	Nasimi	ACE-10 3x150:210(86)
19	6	218	6	621	1	10.0	1	AAE-10	3 x 185	470	470	1979	Nasimi	ACE-10 3x150:210(86)
20	5	230	5	234	1	10.0		ACE-10	3 x 185	190	190	1972	Nasimi	
21	5	234	5	615	2	10.0	1	ACE-10	3 x 185	365	730	1972	Nasimi	ACE-10 3x150:305(72)
22	5	234	5	775	1	10.0		ACE-10	3 x 185	135	135	1981	Nasimi	
23	9	357	9	620	1	10.0		AAHE-10	3 x 150	1,050	1,050	1979	Nasimi	
24	9	357	6	621	1	10.0		AAE-10	3 x 185	410	410	1979	Nasimi	
25	9	357	6	621	1	10.0		AAE-10	3 x 185	415	415	1979	Nasimi	
26	9	358	9	452	1	10.0		AAE-10	3 x 95	21	21	1978	Nasimi	
27	9	384	88	97	1	10.0		AAE-10	3 x 95	854	854	1967	Nasimi	
28	9	384	9	530	1	10.0	1	AAE-10	3 x 95	75	75	1967	Nasimi	AC10,3x150:20(70)
29	9	384	9	2091	1	10.0		0	0	0	0		Nasimi	
30	9	397	9	633	1	10.0	1	ACE-6	3 x 185	166	166	1962	Nasimi	AA10,3x185:116(74)
31	9	408	9	421	1	10.0		ACE-6	3 x 120	273	273	1963	Nasimi	
32	9	408	9	740	2	10.0	1	ACE-10	3 x 185	275	550	1969	Nasimi	AC10,3x150:35(78)
33	9	421	9	740	2	10.0	1	ACE-10	3 x 150	435	870	1978	Nasimi	AA10,3x185:35(78)
34	9	432	9	440	1	10.0		CE-6	3 x 95	275	275	1963	Nasimi	
35	9	432	9	440	1	10.0		ACE-10	3 x 185	280	280	1975	Nasimi	
36	9	432	9	444	1	10.0		AAE-10	3 x 150	400	400	1964	Nasimi	
37	9	432	9	444	1	10.0		ACE-10	3 x 95	380	380	1983	Nasimi	
38	9	432	9	778	2	10.0	1	ACE-10	3 x 95	250	500	1974	Nasimi	AC10,3x95:80(82)
39	9	432	88	1906	2	10.0		ACE-10	3 x 185	500	1,000	1974	Nasimi	
40	9	434	9	436	1	10.0		ACE-10	3 x 95	460	460	1963	Nasimi	
41	9	434	9	440	1	10.0	2	CE-6	3 x 95	680	680	1963	Nasimi	AC6,130(63);AC10,3x150:370(74)
42	9	434	9	740	1	10.0	2	ACE-6	3 x 150	290	290	1963	Nasimi	ACE-10,3x150:60(78),ACE-10,3x150:50(78)
43	9	434	9	740	1	10.0	2	ACE-10	3 x 120	220	220	1969	Nasimi	ACE-10,3x150:30(78),ACE-10,3x150:50(78)
44	9	436	88	97	1	10.0	1	ACE-10	3 x 185	1,260	1,260	1966	Nasimi	AC10,3x150:630(67)

Appendix II.2.3-1(3) 6kV & 10kV Underground Cables in Nasimi

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
45	9	449	88	97	1	10.0		ACB-10	3 x 150	640	640	1967	Nasimi	
46	9	449	9	459	1	10.0		ACB-6	3 x 120	130	130	1964	Nasimi	
47	9	449	9	461	1	10.0		ACB-6	3 x 150	300	300	1964	Nasimi	
48	9	461	9	485	1	10.0		AAE-10	3 x 150	400	400	1965	Nasimi	
49	9	479	9	484	1	10.0		ACB-10	3 x 120	517	517	1965	Nasimi	
50	9	481	88	1906	1	10.0	3	ACB-10	3 x 150	330	330	1981	Nasimi	AAE-10 3x185(81),AAE-10 3x185(81),AAE-10 3x185(81)
51	9	521	88	97	1	10.0		ACB-10	3 x 150	890	890	1967	Nasimi	
52	9	521	9	538	2	10.0		AAE-10	3 x 185	320	640	1968	Nasimi	
53	6	523	6	621	1	10.0		AAE-10	3 x 185	520	520	1979	Nasimi	
54	9	530	88	97	1	10.0		ACB-10	3 x 185	930	930	1967	Nasimi	
55	9	530	9	685	2	10.0		ACB-10	3 x 240	175	350	1976	Nasimi	
56	9	538	9	539	2	10.0		ACB-10	3 x 185	210	420	1968	Nasimi	
57	9	539	9	792	2	10.0		AAE-10	3 x 185	350	700	1984	Nasimi	
58	9	552	9	612	2	10.0	2	AAE-10	3 x 185	360	720	1969	Nasimi	AA10,3x150:60(71);AC10,3x185:42(85)
59	9	552	9	613	2	10.0		AAE-10	3 x 95	300	600	1972	Nasimi	
60	9	611	88	97	2	10.0	1	AAE-10	3 x 185	390	780	1969	Nasimi	AC10,3x150:285(85)
61	9	611	9	612	2	10.0	2	AAE-10	3 x 185	370	740	1969	Nasimi	AA10,3x150:60(71);AC10,3x185:42(85)
62	9	613	9	826	2	10.0	1	AAE-10	3 x 150	570	1,140	1986	Nasimi	AAH10,3x185:340(84)
63	6	616	6	1036	1	10.0		0	0	0	0	1999	Nasimi	
64	9	631	9	632	2	10.0		ACB-10	3 x 150	600	1,200	1973	Nasimi	
65	9	631	9	685	2	10.0		ACB-10	3 x 185	225	450	1975	Nasimi	
66	9	632	9	633	2	10.0		ACB-10	3 x 185	300	600	1973	Nasimi	
67	9	633	6	780	1	10.0	1	ACB-10	3 x 185	100	100	1983	Nasimi	AA10,3x185:170(74)
68	9	633	9	785	1	10.0	1	AAE-10	3 x 185	345	345	1974	Nasimi	AC10,3x185:105(84)
69	9	633	88	1906	1	10.0		AAE-10	3 x 185	340	340	1974	Nasimi	
70	5	640	88	116	2	10.0		ACB-10	3 x 185	900	1,800	1980	Nasimi	
71	9	720	9	740	2	10.0	1	ACB-10	3 x 150	140	280	1978	Nasimi	AA10,3x185:70(78)
72	9	720	88	1906	2	10.0		ACB-10	3 x 150	765	1,530	1978	Nasimi	
73	9	740	9	770	1	10.0		ACB-10	3 x 150	1,750	1,750	1978	Nasimi	
74	9	740	88	1906	2	10.0		ACB-10	3 x 150	1,100	2,200	1978	Nasimi	
75	9	771	9	774	2	10.0	1	ACB-10	3 x 150	450	900	1981	Nasimi	AC10,3x185:210(85)
76	9	771	9	811	2	10.0	2	AAE-10	3 x 150	444	888	1985	Nasimi	AAH10,3x185:204(85);AC10,3x185:170(85)
77	9	771	88	1906	2	10.0		ACB-10	3 x 185	300	600	1985	Nasimi	
78	9	774	9	887	1	10.0		AAE-10	3 x 185	170	170	1993	Yasamal	
79	6	780	88	1906	1	10.0	1	ACB-10	3 x 150	470	470	1977	Nasimi	ACB-10 3 x 185:100(82)
80	9	785	88	1906	1	10.0	1	AAE-10	3 x 185	205	205	1974	Nasimi	AC10,3x185:105(84)
81	6	840	88	1906	2	10.0	1	AAE-10	3 x 240	880	1,760	1988	Nasimi	ACB-10 3 x 240:110(88)
82	2	923	2	948	1	10.0		ACB-10	3 x 150	100	100	1997	Nasimi	
83	9	2091	88	97	2	10.0		0	0	0	0		Nasimi	
<b>Subtotal</b>					<b>115</b>		<b>41</b>			<b>35,467</b>	<b>49,713</b>			
<b>Grand Total</b>					<b>344</b>		<b>193</b>			<b>122,191</b>	<b>146,204</b>			

Appendix II.2.3-1(4) 6kV & 10kV Underground Cables in Narimanov

No.	From		To		Num. of Circuit (CCD)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct.m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
<b>(6kV)</b>														
1	7	63	7	74	1	6.0	1	CB-6	3 x 95	390	390	1960	Narimanov	AC10,3x150:150(88)
2	7	63	6	617	1	6.0	1	ACB-6	3 x 150	250	250	1960	Narimanov	AC6,3x150:60(86)
3	7	70	6	515	1	6.0	2	ACB-6	3 x 150	200	200	1966	Narimanov	AA10,3x185:160(65);105(75)
4	7	70	7	701	2	6.0	3	CB-6	3 x 50	500	1,000	1926	Narimanov	C6,3x70:80(56);3x95:60(32);3x150:50(76)
5	7	74	7	91	1	6.0		ACB-10	3 x 185	600	600	1999	Narimanov	
6	7	74	7	262	1	6.0	2	CB-6	3 x 70	415	415	1955	Narimanov	C6,3x95:22(55);AC10,3x150:125(55)
7	7	74	7	701	1	6.0	2	CB-6	3 x 95	377	377	1958	Narimanov	AC10,3x150:85(76);175(88)
8	7	91	7	128	1	6.0		CB-6	3 x 95	505	505	1957	Narimanov	
9	7	91	7	152	1	6.0	1	CB-6	3 x 95	185	185	1958	Narimanov	AC10,3x150:135(75)
10	7	91	7	227	2	6.0		ACB-10	3 x 150	700	1,400	1975	Narimanov	
11	7	91	7	262	1	6.0		CB-6	3 x 70	645	645	1936	Narimanov	
12	7	91	7	761	1	6.0	2	CB-6	3 x 50	720	720	1926	Narimanov	C6,3x50:540(77);AC10,3x150:50(76)
13	7	127	7	128	1	6.0		CB-6	3 x 185	120	120	1973	Narimanov	
14	7	127	7	756	1	6.0	1	CB-6	3 x 50	365	365	1940	Narimanov	AAIII10,3x150:80(79)
15	7	127	7	757	1	6.0	1	CB-6	3 x 70	130	130	1950	Narimanov	AA10,3x185:30(81)
16	7	128	7	163	1	6.0	1	CB-6	3 x 70	499	499	1952	Narimanov	C6,3x95:105(57)
17	7	128	7	227	1	6.0		AAE-10	3 x 150	620	620	1974	Narimanov	
18	7	133	7	349	1	6.0		ACB-6	3 x 120	350	350	1962	Narimanov	
19	7	133	7	639	1	6.0	2	CB-6	3 x 150	237	237	1960	Narimanov	AC6,3x185:30(62);AC10,3x185:115(74)
20	6	140	6	317	1	6.0	2	CB-6	3 x 70	305	305	1957	Narimanov	C6,3x95:20(59);AC6,3x95:200(59)
21	6	140	6	455	1	6.0	1	ACB-6	3 x 185	230	230	1964	Narimanov	AA10,3x150:75(72)
22	6	140	6	560	1	6.0	1	CB-6	3 x 70	595	595	1957	Narimanov	AC10,3x185:85(69)
23	7	152	7	572	1	6.0	2	CB-6	3 x 95	400	400	1958	Narimanov	AC10,3x150:200(74);150(75)
24	7	159	7	160	1	6.0	2	ACB-6	3 x 185	380	380	1959	Narimanov	C10,3x185:80(59)AAIII10,3x185:160(75)
25	7	159	7	161	1	6.0		ACB-10	3 x 150	45	45	1974	Narimanov	
26	7	160	6	617	1	6.0		ACB-6	3 x 150	315	315	1988	Narimanov	
27	7	160	6	648	1	6.0		ACB-10	3 x 95	50	50	1988	Narimanov	
28	7	161	88	227	1	6.0		ACB-10	3 x 185	1,700	1,700	1974	Narimanov	
29	7	161	6	315	1	6.0	5	CB-6	3 x 95	753	753	1954	Narimanov	C6,3x185:170(54);AC10,3x185:50(60);60(70);101(76);ACB-10,3x150:135(54)
30	7	161	6	328	1	6.0	1	ACB-6	3 x 185	350	350	1959	Narimanov	AC10,3x185(74)
31	7	161	6	617	1	6.0	1	AAIII-10	3 x 150	110	110	1974	Narimanov	AC10,3x150:60(86)
32	7	163	7	164	1	6.0	1	CB-6	3 x 50	523	523	1950	Narimanov	AC6,3x50:43(58)
33	7	163	7	663	1	6.0	2	ACB-6	3 x 95	410	410	1958	Narimanov	AC6,3x185:60(59);AA10,3x150:200(89)
34	7	164	7	192	1	6.0		ACB-10	3 x 150	326	326	1970	Narimanov	
35	7	164	7	362	1	6.0		ACB-6	3 x 185	60	60	1961	Narimanov	
36	7	165	7	507	1	6.0	1	CB-6	3 x 95	259	259	1969	Narimanov	AC10,3x185:151(69)
37	7	165	6	678	1	6.0		ACB-6	3 x 185	165	165	1976	Narimanov	
38	7	165	7	757	1	6.0	1	CB-6	3 x 70	355	355	1950	Narimanov	AA10,3x185:30(81)
39	7	166	7	402	1	6.0	2	ACB-6	3 x 185	130	130	1960	Narimanov	AC6,3x150:25(62);AA10,3x120:40(89)
40	7	166	7	406	1	6.0	2	ACB-6	3 x 95	690	690	1950	Narimanov	AC6,3x95:385(58);3x185:175(62)
41	7	166	7	503	1	6.0	1	CB-6	3 x 70	445	445	1966	Narimanov	AA10,3x150:90(60)
42	7	167	7	283	1	6.0		AAIII-10	3 x 185	450	450	1985	Narimanov	
43	7	167	7	284	1	6.0		AAE-10	3 x 185	460	460	1997	Narimanov	
44	7	167	7	639	1	6.0		AAIII-10	3 x 150	480	480	1985	Narimanov	
45	7	168	7	219	1	6.0		CB-6	3 x 70	200	200		Narimanov	
46	7	168	7	264	1	6.0	1	CB-6	3 x 70	165	165	1955	Narimanov	C6,3x70:80(-)
47	6	171	6	475	1	6.0	2	CB-6	3 x 95	243	243	1956	Narimanov	AC6,3x185:73(65);AC10,3x185:110(75)
48	6	171	6	488	1	6.0	2	CB-6	3 x 70	595	595	1954	Narimanov	CB-6 3x95:95(54);AAE-10 3x185:340(89)
49	6	171	6	668	1	6.0	2	ACB-6	3 x 95	330	330	1954	Narimanov	AC10,3x150:67(75);3x185:55(75)
50	6	171	6	708	2	6.0	1	ACB-10	3 x 120	380	760	1975	Narimanov	ACB-10 3x150:80(75)
51	6	182	9	183	1	6.0	4	ACB-6	3 x 185	850	850	1958	Narimanov	AAE 6 3x185:195(51);AAE-10 3x185:130(77);AAE 6 3x95:75(50);CB 10 3x95:120(72)
52	6	182	6	256	1	6.0	2	CB-6	3 x 95	563	563	1950	Narimanov	C10,3x185:42(50);AC10,3x150:85(65)
53	6	182	6	702	2	6.0		ACB-10	3 x 150	165	330	1977	Narimanov	
54	9	185	9	452	1	6.0		ACB-6	3 x 95	741	741	1964	Narimanov	
55	9	185	6	488	1	6.0	1	CB-6	3 x 95	330	330	1955	Narimanov	AA10,3x120:230(89)
56	9	185	9	594	1	6.0	1	CB-6	3 x 95	783	783	1955	Narimanov	AC10,3x185:4(72)
57	6	186	6	190	1	6.0							Narimanov	
58	6	186	6	415	1	6.0		ACB-6	3 x 150	260	260	1973	Narimanov	
59	6	186	6	773	1	6.0		ACB-10	3 x 95	360	360	1958	Narimanov	
60	6	187	6	254	1	6.0	1	ACB-6	3 x 95	660	660	1958	Narimanov	AC6,3x185:410(63)
61	6	187	6	268	1	6.0		ACB-6	3 x 95	240	240	1958	Narimanov	
62	6	187	14	645	1	6.0		CB-6	3 x 150	2,487	2,487		Narimanov	
63	6	190	6	374	1	6.0		CB-6	3 x 70	430	430	1958	Narimanov	
64	6	194	6	317	1	6.0	1	CB-6	3 x 70	390	390	1957	Narimanov	ACB-6 3x95:200(59)

Appendix II.2.3-1(4) 6kV & 10kV Underground Cables in Narimanov

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct·m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
65	6	194	6	343	1	6.0		ACB-6	3 x 120	227	227	1960	Narimanov	
66	6	194	6	415	1	6.0	1	ACB-6	3 x 150	355	355	1973	Narimanov	ACB-6 3x95:115(58)
67	6	196	9	395	1	6.0	1	ACB-6	3 x 185	390	390	1962	Narimanov	CB-6 3x150:250(66)
68	6	196	6	488	1	6.0	2	ACB-6	3 x 185	432	432	1965	Narimanov	CB-6 3x3x150:250(66),ACB-6 3x95:170(58)
69	7	202	88	227	1	6.0		CB-6	3 x 95	1,350	1,350	1957	Narimanov	
70	7	202	6	267	1	6.0		CB-6	3 x 70	997	997	1956	Narimanov	
71	7	202	6	343	1	6.0	3	CB-6	3 x 95	1,160	1,160	1957	Narimanov	AC6,3x185:230(60),AA10,3x150:80(66),AC10,3x185:450(66)
72	7	202	7	507	1	6.0		AAБ-10	3 x 185	800	800	1977	Narimanov	
73	7	202	7	3312	1	6.0		CB-6	3 x 70	755	755	1955	Narimanov	
74	7	205	7	287	1	6.0		ACB-6	3 x 120	325	325	1960	Narimanov	
75	7	205	7	308	1	6.0	2	CB-6	3 x 70	255	255	1954	Narimanov	C6,3x185:90(59);AC6,3x185:60(59)
76	7	205	7	884	1	6.0		ACB-7	3 x 120	150	150	1993	Narimanov	
77	6	211	6	315	1	6.0	1	CB-6	3 x 95	308	308	1953	Narimanov	C6,3x185:192(59)
78	6	211	6	316	1	6.0	1	ACB-6	3 x 185	700	700	1959	Narimanov	AA,3x150.87(66)
79	6	211	6	390	1	6.0		CB-6	3 x 95	75	75	1953	Narimanov	
80	6	212	6	422	1	6.0	1	ACB-6	3 x 150	381	381	1963	Narimanov	AA10,3x185:50(79)
81	6	212	6	668	1	6.0	1	ACB-6	3 x 150	172	172	1964	Narimanov	AC10,3x150.67(75)
82	6	213	6	374	1	6.0	2	ACB-6	3 x 95	1,536	1,536	1960	Narimanov	CB-6 3x70:320(58),ACB-6 3x150:16(61)
83	6	213	14	645	1	6.0	1	CB-6	3 x 150	3,342	3,342	1975	Narimanov	ACB-10 3x185:100(0)
84	7	219	7	312	1	6.0	2	CB-6	3 x 70	295	295	1955	Narimanov	C6,3x95:50(59);AA10,3x185:100(90)
85	7	219	7	344	1	6.0		ACB-6	3 x 120	600	600	1960	Narimanov	
86	6	251	6	252	1	6.0	1	CB-6	3 x 120	150	150	1936	Narimanov	CB-6,3x95:40(68)
87	6	251	6	267	1	6.0		CB-10	3 x 35	190	190	1963	Narimanov	
88	6	252	88	96	1	6.0							Narimanov	
89	6	252	6	267	1	6.0							Narimanov	
90	6	254	6	455	1	6.0	1	ACB-6	3 x 185	245	245	1964	Narimanov	AA10,3x185:75(72)
91	6	254	6	773	1	6.0	1	ACB-10	3 x 95	460	460	1958	Narimanov	AC10,3x185:410(63)
92	7	264	7	375	1	6.0	2	CB-6	3 x 70	1,785	1,785	1955	Narimanov	C6,3x95:125(59);AC6,3x185:420(61)
93	7	264	7	406	1	6.0	1	ACB-6	3 x 95	505	505	1958	Narimanov	AC6,3x185:175(62)
94	6	267	88	96	1	6.0		CB-6	3 x 70	800	800		Narimanov	
95	6	268	6	458	1	6.0	1	CB-6	3 x 95	393	393	1956	Narimanov	ACB-6 3x95:40(68)
96	7	280	7	282	1	6.0		ACB-6	3 x 120	460	460	1960	Narimanov	
97	7	280	7	283	1	6.0		AAБЛ-10	3 x 150	540	540	1980	Narimanov	
98	7	280	7	346	1	6.0	1	ACB-6	3 x 185	850	850	1960	Narimanov	AA10,3x185:450(95)
99	7	281	7	346	1	6.0	1	AA-10	3x185	450	450	1960	Narimanov	AA10,3x185:100(-)
100	7	281	7	349	1	6.0		ACB-6	3 x 120	22	22	1962	Narimanov	
101	7	282	7	284	1	6.0	1	CB-6	3 x 50	480	480	1960	Narimanov	AC6,3x185:310(60)
102	7	282	7	387	1	6.0	1	CB-6	3 x 185	800	800	1959	Narimanov	AC6,3x185:300(62)
103	7	283	7	365	1	6.0		AAШБ-10	3 x 150	510	510	1980	Narimanov	
104	7	283	7	692	1	6.0		ACB-10	3 x 95	390	390	1976	Narimanov	
105	7	284	88	227	1	6.0		ACB-6	3x120	1,040	1,040	1960	Narimanov	
106	7	284	7	365	1	6.0							Narimanov	
107	7	287	7	356	1	6.0	1	ACB-6	3 x 150	623	623	1960	Narimanov	AC6,3x185:218(61)
108	7	287	7	387	1	6.0		ACB-6	3 x 120	300	300	1962	Narimanov	
109	7	308	7	406	1	6.0	1	ACB-6	3 x 95	975	975	1959	Narimanov	AC6,3x185:285(62)
110	7	308	7	503	1	6.0	3	CB-6	3 x 70	650	650	1956	Narimanov	AC6,3x95:85(58);AA10,3x150:90(66);C6,3x70:145(66)
111	7	312	7	3312	1	6.0							Narimanov	
112	6	316	6	328	1	6.0	1	ACB-6	3 x 185	210	210	1959	Narimanov	AC10,3x185:45(88)
113	6	316	6	977	1	6.0							Narimanov	
114	7	344	88	227	1	6.0		AAБ-10	3 x 185	2,400	2,400	1978	Narimanov	
115	7	344	7	402	1	6.0	1	ACB-6	3 x 150	615	615	1962	Narimanov	AA10,3x120:310(89)
116	7	346	7	401	1	6.0		CB-6	3 x 16	900	900	1962	Narimanov	
117	7	346	7	569	1	6.0	2	ACB-6	3 x 70	550	550	1958	Narimanov	AC6,3x95:215(67); AC10,3x185:35(69)
118	7	350	88	249	1	6.0		AAБ-10	3 x 70	14	14	1962	Narimanov	
119	7	350	7	356	1	6.0	2	ACB-10	3 x 185	381	381	1961	Narimanov	AC10,3x150:60(74);AA10,3x150:160(74)
120	7	350	7	388	1	6.0		AAБ-10	3 x 185	270	270	1974	Narimanov	
121	6	363	6	515	1	6.0	2	CB-6	3 x 95	385	385	1966	Narimanov	ACB-10 3x185:65(75);CB-6 3x95:120(66)
122	6	363	6	623	1	6.0	2	CB-6	3 x 50	392	392	1949	Narimanov	ACB-10 3x150:135(73);ACB-6 3x95:345(61)
123	7	365	88	227	1	6.0		ACB-6	3 x 185	805	805	1961	Narimanov	
124	7	365	88	227	1	6.0		ACB-10	3 x 240	800	800	1958	Narimanov	
125	7	365	7	402	1	6.0	3	ACB-6	3 x 150	508	508	1962	Narimanov	AC6,3x185:363(62);AC10,3x185:70(75);AA10,3x120:50(89)
126	7	365	7	692	1	6.0		ACB-10	3 x 95	280	280	1976	Narimanov	
127	7	375	6	415	1	6.0	1	ACB-6	3 x 185	475	475	1962	Narimanov	AC6,3x150:40(73)
128	7	387	7	676	1	6.0		ACB-10	3 x 95	90	90	1976	Narimanov	
129	7	387	7	712	1	6.0		ACB-10	3 x 150	200	200	1977	Narimanov	

Appendix II.2.3-1(4) 6kV & 10kV Underground Cables in Narimanov

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
130	7	388	7	712	1	6.0		ACB-10	3 x 150	450	450	1977	Narimanov	
131	7	389	7	884	1	6.0		AAE-10	3 x 185	700	700	1998	Narimanov	
132	7	389	7	915	1	6.0		AAE-10	3 x 185	700	700	1998	Narimanov	
133	6	415	88	96	1	6.0	1	ACB-6	3 x 185	225	225	1962	Narimanov	AC6,3x150:40(73)
134	6	431	6	441	1	6.0	1	ACB-6	3 x 150	458	458	1964	Narimanov	AC6,3x185:338(64)
135	6	431	6	488	1	6.0		ACB-6	3 x 95	1,450	1,450	1998	Narimanov	
136	6	431	6	537	1	6.0	2	ACB-6	3 x 185	402	402	1964	Narimanov	AA10,3x150:175(67);3x185:75(67)
137	6	441	6	891	1	6.0		AAEJ-10	3 x 185	200	200	1994	Narimanov	
138	9	452	6	537	1	6.0							Narimanov	
139	6	455	6	458	1	6.0	1	CE-6	3 x 95	367	367	1956	Narimanov	AA10,3x150:180(72)
140	6	455	6	475	1	6.0		AAE-10	3 x 150	270	270	1972	Narimanov	
141	6	458	88	96	1	6.0	2	CE-6	3 x 150	1,138	1,138	1957	Narimanov	AC6,3x240:155(60);AC10,3x185:43(70)
142	7	507	6	678	1	6.0	1	CE-10	3 x 95	360	360	1969	Narimanov	AC10,3x185:300(76)
143	7	507	7	902	1	6.0	1	AAE-10	3 x 185	345	345	1977	Narimanov	AA10,3x150:105(-)
144	6	515	90	2063	1	6.0							Narimanov	
145	7	531	7	558	1	6.0	1	ACB-6	3 x 95	565	565	1967	Narimanov	AC10,3x185:500(87)
146	7	531	7	712	1	6.0	1	ACB-6	3 x 95	640	640	1967	Narimanov	AC10,3x185:360(79)
147	7	558	7	569	1	6.0	1	ACB-10	3 x 185	535	535	1969	Narimanov	AC10,3x185:500(87)
148	7	572	88	227	2	6.0	2	CE-6	3 x 185	555	1,110	1941	Narimanov	ACB-10 3x185:280(79);AAIIB-10 3x185:105(70)
149	7	572	7	756	1	6.0		AAIIB-10	3 x 150	280	280	1979	Narimanov	
150	6	617	7	663	1	6.0	2	ACB-6	3 x 120	430	430	1959	Narimanov	ACB-6 3x150:30(86);AAE-10 3x150:200(89)
151	6	668	6	702	2	6.0		ACB-10	3 x 150	510	1,020	1977	Narimanov	
152	7	678	6	3312	1	6.0	1	CE-10	3 x 95	385	385	1969	Narimanov	AC10,3x185:300(76)
153	6	708	88	96	1	6.0	1	CE-6	3 x 150	690	690	1957	Narimanov	ACB-10 3x185:90(73)
154	7	712	88	227	1	6.0		ACB-10	3x240	120	120	1998	Narimanov	
155	7	756	88	227	1	6.0	2	CE-6	3 x 50	455	455	1940	Narimanov	AAIIB10,3x150:110(79);AC6,3x185:260(-)
156	7	756	7	757	1	6.0		AAIIB-10	3 x 150	450	450	1979	Narimanov	
157	6	772	88	227	1	6.0	3	ACB-10	3 x 185	1,365	1,365	1965	Narimanov	ACB-10 3x150:105(84);ACB-10 3x185:300(76);ACB-10 3x185:190(80)
158	7	870	88	227	2	6.0		AAEJ-10	3 x 120	1,500	3,000	1994	Narimanov	
159	7	902	88	227	1	6.0	1	AAE-10	3 x 185	1,255	1,255	1977	Narimanov	AAE-10,3x150:105(95)
160	7	915	88	249	1	6.0		ACB-6	3 x 95	1,020	1,020	1966	Narimanov	
<b>Subtotal</b>					<b>167</b>		<b>134</b>			<b>82,284</b>	<b>86,594</b>			
<b>(10kV)</b>														
1	9	184	9	357	1	10.0		AAEJ-10	3 x 150	800	800	1993	Narimanov	
2	9	184	9	620	1	10.0	1	AAE-10	3 x 95	510	510	1982	Narimanov	AA10,3x150:110(89)
3	9	184	9	620	1	10.0	1	AAE-10	3 x 185	520	520	1982	Narimanov	AA10,3x150:120(89)
4	6	190	7	528	2	10.0		AAIIB-10	3 x 185	370	740	1980	Narimanov	
5	7	253	7	403	1	10.0	2	ACB-6	3 x 150	215	215	1960	Narimanov	CE-10 3x150:50(67);ACB-10 3x150:180(80)
6	7	253	7	456	1	10.0	1	ACB-6	3 x 150	625	625	1960	Narimanov	ACB-10 3x150:180(80)
7	7	253	7	474	1	10.0	1	ACE-10	3 x 185	264	264	1965	Narimanov	AAEJ-10 3 x 185:130(80)
8	7	278	7	318	1	10.0	1	CE-6	3 x 50	204	204	1958	Narimanov	C6,3x70:147(60),
9	7	278	7	377	1	10.0	2	CE-6	3 x 70	455	455	1958	Narimanov	AC6,3x185:110(60);AA10,3x185:165(69)
10	7	278	7	404	1	10.0	2	ACB-6	3 x 150	655	655	1960	Narimanov	AC10,3x150:385(69);C10,3x95:60(71)
11	7	285	88	215	2	10.0		AAE-10	3 x 150	600	1,200	1993	Narimanov	
12	7	286	7	339	1	10.0		ACB-10	3 x 120	400	400	1960	Narimanov	
13	7	294	7	319	1	10.0	1	CE-6	3 x 50	533	533	1958	Narimanov	AC6,3x95:110(59)
14	7	294	7	543	1	10.0		AAE-10	3 x 185	80	80	1969	Narimanov	
15	7	311	7	333	1	10.0		ACB-6	3 x 120	430	430	1961	Narimanov	
16	7	311	7	376	1	10.0		0	0	0	0		Narimanov	
17	7	311	7	812	1	10.0		ACB-10	3 x 95	120	120	1986	Narimanov	
18	7	318	7	319	1	10.0	2	CE-6	3 x 50	275	275	1958	Narimanov	C6,3x70:145(60);AC6,3x95:110(59)
19	7	319	7	339	1	10.0		0	0	0	0		Narimanov	
20	7	333	7	368	1	10.0		ACB-6	3 x 120	280	280	1961	Narimanov	
21	7	333	7	698	2	10.0		AAE-10	3 x 50	175	350	1996	Narimanov	
22	7	339	7	976	1	10.0		0	0	0	0		Narimanov	
23	7	366	7	368	1	10.0		ACB-6	3 x 150	310	310	1961	Narimanov	
24	7	366	7	644	1	10.0	2	CE-10	3 x 95	1,080	1,080	1974	Narimanov	AC10,3x150:920(73);100(74)
25	7	366	6	954	1	10.0		ACB-10	3 x 150	100	100	1974	Narimanov	
26	7	367	7	404	1	10.0		ACB-6	3 x 120	316	316	1962	Narimanov	
27	7	367	7	556	1	10.0	1	ACB-6	3 x 185	160	160	1961	Narimanov	AC6,3x150:1010(69)
28	7	367	7	875	1	10.0		AAE-10	3 x 150	450	450	1987	Narimanov	
29	7	368	7	528	1	10.0		0	0	0	0		Narimanov	
30	7	368	7	534	1	10.0		ACB-10	3 x 95	450	450	1970	Narimanov	
31	7	368	7	534	1	10.0		ACB-10	3 x 150	366	366	1974	Narimanov	
32	6	369	9	620	2	10.0		AAIIB-10	3 x 95	380	760	1972	Narimanov	

Appendix II.2.3-1(4) 6kV & 10kV Underground Cables in Narimanov

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
33	6	369	6	830	2	10.0		ААВУ-10	3 x 120	220	440	1988	Narimanov	
34	7	376	7	595	1	10.0		АСБ-10	3 x 185	342	342	1971	Narimanov	
35	7	376	7	644	1	10.0		АСБ-10	3 x 95	374	374	1974	Narimanov	
36	7	377	7	451	1	10.0		АСБ-6	3 x 95	150	150	1965	Narimanov	
37	7	377	7	451	1	10.0		АСБ-10	3 x 150	150	150	1974	Narimanov	
38	7	377	7	875	1	10.0		ААБ-10	3 x 120	450	450	1987	Narimanov	
39	7	392	7	456	1	10.0	1	АСБ-6	3 x 95	170	170	1962	Narimanov	АС10,3x185:40(76)
40	7	392	7	618	1	10.0	2	ААБ-10	3 x 185	595	595	1964	Narimanov	ААIII10,3x185:45(76)-АА10,3x185:220(73)
41	7	403	88	215	2	10.0		ААШБ-10	3 x 150	945	1,890	1990	Narimanov	
42	7	404	7	405	1	10.0		АСБ-6	3 x 120	316	316	1962	Narimanov	
43	7	404	7	556	1	10.0	1	ААБ-10	3 x 150	565	565	1962	Narimanov	АС10,3x150:500(69)
44	7	405	7	474	1	10.0	1	АСБ-6	3 x 185	643	643	1962	Narimanov	АС10,3x185:276(65)
45	6	431	6	441	1	10.0	1	АСБ-6	3 x 150	458	458	1964	Narimanov	АСБ-6 3x185:338(64)
46	6	431	6	537	1	10.0	2	ААБ-10	3 x 150	402	402	1967	Narimanov	ААБ-10 3x120:75(67),ААБ-10 3x120:152(67)
47	6	431	6	975	2	10.0		ААШБ-10	3 x 95	880	1,760	1972	Narimanov	
48	7	451	88	215	2	10.0		СБ-10	3 x 95	170	340	1969	Narimanov	
49	9	452	88	97	1	10.0	2	ААБ-10	3 x 185	1,500	1,500	1972	Narimanov	ААШБ-10 3x185:360(72),ААШБ-10 3x185:540(72)
50	9	452	9	620	1	10.0	1	ААШБ-10	3 x 185	800	800	1972	Narimanov	ААБ-10 3x185:439(72)
51	7	528	7	644	1	10.0		АСБ-10	3 x 150	524	524	1974	Narimanov	
52	7	534	7	644	2	10.0	1	АСБ-10	3 x 150	265	530	1968	Narimanov	АС10,3x150:60(74)
53	7	535	88	215	2	10.0		АСБ-10	3 x 150	345	690	1968	Narimanov	
54	7	535	7	644	2	10.0	1	АСБ-10	3 x 150	240	480	1968	Narimanov	АС10,3x150:150(74)
55	7	543	7	618	1	10.0	1	ААБ-10	3 x 185	460	460	1964	Narimanov	АА10,3x185:220(73)
56	7	556	7	804	2	10.0		ААШБ-10	3 x 185	100	200	1985	Narimanov	
57	6	559	6	637	1	10.0	1	ААБ-10	3 x 150	720	720	1970	Narimanov	АСБ-10 3x150:640(73)
58	6	559	7	644	1	10.0	2	АСБ-10	3 x 150	1,110	1,110	1973	Narimanov	ААБ-10 3 x 150:80(73),АСБ-10 3x95:60(74)
59	7	576	88	215	2	10.0		ААБ-10	3 x 185	620	1,240	1970	Narimanov	
60	7	576	7	577	2	10.0		ААБ-10	3 x 185	350	700	1971	Narimanov	
61	7	577	7	595	2	10.0		ААШБ-10	3 x 150	130	260	1985	Narimanov	
62	7	578	7	595	2	10.0		ААБ-10	3 x 150	265	530	1971	Narimanov	
63	9	620	88	97	1	10.0	1	ААБ-10	3 x 185	2,100	2,100	1972	Narimanov	ААIII10,3x185:550(72)
64	6	620	2	859	2	10.0		ААБ-10	3 x 240	340	680	1998	Nasimi	
65	6	620	6	975	2	10.0		ААБ-10	3 x 240	305	610	1998	Nasimi	
66	6	637	6	730	2	10.0	1	АСБ-10	3 x 150	580	1,160	1973	Narimanov	АСБ-10 3x185:140(83)
67	6	637	6	954	1	10.0		0	0	0	0		Narimanov	
68	6	637	6	3637	1	10.0		АСБ-10	3 x 150	84	84	1998	Narimanov	
69	6	638	6	730	2	10.0	1	АСБ-10	3 x 185	450	900	1973	Narimanov	АСБ-10 3x185:140(78)
70	6	638	6	781	2	10.0	1	ААБ-10	3 x 150	550	1,100	1977	Narimanov	АСБ-10 3x150:70(83)
71	7	644	88	215	2	10.0	1	СБ-10	3 x 95	480	960	1974	Narimanov	АС10,3x150:400(73)
72	6	690	88	82	2	10.0	1	ААВЛ-10	3 x 150	550	1,100	1979	Narimanov	АСБ-10 3x150:280(82)
73	6	690	6	706	2	10.0	1	ААШБ-10	3 x 150	520	1,040	1979	Narimanov	АСБ-10 3x150:70(84)
74	6	706	6	837	2	10.0		ААБ2Л-10	3 x 150	165	330	1987	Narimanov	
75	7	722	7	804	1	10.0		0	0	0	0		Narimanov	
76	6	781	6	837	2	10.0		ААБ2Л-10	3 x 150	285	570	1987	Narimanov	
77	7	804	7	2073	1	10.0		0	0	0	0		Narimanov	
78	6	837	6	949	1	10.0		ААБ-10	3 x 70	250	250	1997	Narimanov	
79	6	837	6	973	1	10.0		ААБ-10	3 x 95	300	300	1998	Narimanov	
80	7	976	88	215	1	10.0		ААБ-10	3 x 150	350	350	1998	Narimanov	
<b>Subtotal</b>					<b>106</b>		<b>41</b>			<b>32,691</b>	<b>42,971</b>			
<b>Grand Total</b>					<b>273</b>		<b>175</b>			<b>114,975</b>	<b>129,565</b>			



Appendix II.2.3-1(5) 6kV & 10kV Underground Cables in Nizami

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Comruiss Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
<b>(6kV)</b>														
1	8	39	88	1915	2	6.0	1	ACB-10	3 x 240	1,180	2,360	1915	Nizami	CB-6 3x95:220(54)
2	8	40	12	63	1	6.0		AAE-10	3 x 150	300	300	1975	Nizami	
<b>Subtotal</b>														
<b>(10kV)</b>														
1	8	1	8	3	1	10.0	1	ACB-6	3 x 185	875	875	1965	Nizami	AAE-10 3x185:400(82)
2	8	1	8	16	1	10.0	1	ACB-6	3 x 185	435	435	1965	Nizami	AAE-10 3x185:85(70)
3	8	1	8	18	1	10.0	1	ACB-10	3 x 150	340	340	1971	Nizami	AAEЛ-10x185:70(83)
4	8	1	8	84	1	10.0		AAEЛ-10	3 x 185	715	715	1983	Nizami	
5	8	2	8	7	2	10.0		ACB-6	3 x 150	300	600	1960	Nizami	
6	8	2	8	16	2	10.0		AAE-10	3 x 185	85	170	1970	Nizami	
7	8	2	88	212	1	10.0	1	ACB-10	3 x 150	260	260	1968	Nizami	ACB-10 3x120:60(95)
8	8	2	88	212	1	10.0	1	AAE-10	3 x 120	275	275	1989	Nizami	ACB-10 3x120:75(95)
9	8	3	8	4	1	10.0		ACB-10	3 x 120	520	520	1965	Nizami	
10	8	3	8	15	1	10.0		AAE-10	3 x 150	580	580	1982	Nizami	
11	8	4	8	5	1	10.0		ACB-6	3 x 150	255	255	1965	Nizami	
12	8	4	8	19	1	10.0	1	AAE-10	3 x 185	1,185	1,185	1970	Nizami	AAE-10 3x185:465(75)
13	8	5	8	6	1	10.0	1	ACB-6	3 x 150	520	520	1965	Nizami	AAШE-10 3x120:220(85)
14	8	5	8	15	1	10.0		AAE-10	3 x 185	510	510	1982	Nizami	
15	8	5	8	76	1	10.0		ACB-6	3 x 150	150	150	1965	Nizami	
16	8	5	8	982	2	10.0		ACB-10	3 x 95	225	450	1998	Nizami	
17	8	6	8	7	2	10.0		AAE-10	AA E-10	550	1,100	1985	Nizami	
18	8	6	8	920	1	10.0		AAE-10	3 x 120	150	150	1965	Nizami	
19	8	6	88	1901	1	10.0	1	ACB-10	3 x 185	1,788	1,788	1971	Nizami	AAEЛ-10 3x150:468(85)
20	8	8	8	31	1	10.0		ACB-6	3 x 70	350	350	1967	Nizami	
21	8	8	8	920	1	10.0	1	AAE-10	3 x 120	200	200	1985	Nizami	AAE-10 3x150:50(85)
22	8	9	8	43	2	10.0	2	ACB-10	3 x 185	665	1,330	1972	Nizami	ACB-10 3x185:550(84), ACB-10 3x185:650(81)
23	8	9	8	61	2	10.0	1	ACB-10	3 x 185	1,200	2,400	1981	Nizami	ACB-10 3x120:550(84)
24	8	9	8	67	2	10.0		AAEЛ-10	3 x 150	400	800	1989	Nizami	
25	8	9	8	83	1	10.0		ACB-10	3 x 185	340	340	1988	Nizami	
26	8	9	88	211	2	10.0		ACB-10	3 x 240	1,250	2,500	1970	Nizami	
27	8	10	8	48	1	10.0	1	ACB-10	3 x 185	680	680	1975	Nizami	ACB-10 3x150:30(78)
28	8	10	8	2080	1	10.0	1	ACB-10	3 x 185	280	280	1975	Nizami	ACB-10 3x10:30(78)
29	8	11	8	17	1	10.0		CB-6	3 x 95	400	400	1965	Nizami	
30	8	11	8	20	1	10.0		ACB-6	3 x 70	450	450	1963	Nizami	
31	8	11	8	46	1	10.0		ACB-10	3 x 185	205	205	1969	Nizami	
32	8	12	8	27	1	10.0		ACB-10	3 x 150	320	320	1968	Nizami	
33	8	12	88	212	1	10.0	1	ACB-10	3 x 150	290	290	1968	Nizami	ACB-10 3x120:40(95)
34	8	12	8	2080	2	10.0		AAEЛ-10	3 x 120	1,170	2,340	1985	Nizami	
35	8	13	8	2080	1	10.0		AAEЛ-10	3 x 70	0	0	1967	Nizami	
36	8	14	8	25	1	10.0	1	ACB-10	3 x 95	300	300	1966	Nizami	ACB-10 3x150:50(77)
37	8	14	8	37	1	10.0	2	ACB-10	3 x 95	486	486	1961	Nizami	ACB-10 3x150:240(69),96(87)
38	8	14	8	48	1	10.0	1	ACB-10	3 x 185	173	173	1975	Nizami	ACB-10 3x150:33(78)
39	8	14	8	2080	1	10.0	1	ACB-10	3 x 185	793	793	1975	Nizami	ACB-10 3x150:33(78)
40	8	17	8	29	1	10.0		CB-10	3 x 95	350	350	1965	Nizami	
41	8	17	8	38	1	10.0		AAE-10	3 x 95	350	350	1999	Nizami	
42	8	18	8	19	2	10.0		AAE-10	3 x 185	380	760	1970	Nizami	
43	8	18	88	212	1	10.0	2	ACB-10	3 x 150	731	731	1971	Nizami	ACB-10 3x120:386(83), AAШE-10 3x120:75(95)
44	8	20	8	21	1	10.0		ACB-6	3 x 120	410	410	1948	Nizami	
45	8	20	8	871	1	10.0		ACB-10	3 x 95	245	245	1992	Nizami	
46	8	20	8	2080	1	10.0	1	ACB-10	3 x 185	680	680	1973	Nizami	ACB-10 3x150:350(74)
47	8	21	8	23	1	10.0		ACB-6	3 x 70	369	369	1953	Nizami	
48	8	21	8	31	1	10.0		ACB-6	3 x 120	225	225	1953	Nizami	
49	8	21	88	1901	2	10.0		ACB-10	3 x 185	950	1,900	1972	Nizami	
50	8	22	8	23	1	10.0		AAE-10	3 x 185	420	420	1968	Nizami	
51	8	22	8	31	1	10.0		ACB-6	3 x 70	140	140	1964	Nizami	
52	8	22	8	52	1	10.0	1	ACB-6	3 x 70	190	190	1964	Nizami	AAE-10 3x95:30(68)
53	8	25	8	27	1	10.0	1	CB-6	3 x 50	322	322	1958	Nizami	ACB-10 3x150:62(77)
54	8	25	8	27	1	10.0		ACB-10	3 x 150	400	400	1977	Nizami	
55	8	25	8	48	1	10.0		ACB-10	3 x 150	275	275	1977	Nizami	
56	8	26	8	28	1	10.0		ACB-10	3 x 95	428	428	1966	Nizami	
57	8	26	8	44	1	10.0		AAE-10	3 x 95	500	500	1986	Yasamal	
58	8	26	8	856	2	10.0		AAEЛ-10	3 x 120	550	1,100	1991	Nizami	
59	8	28	8	39	1	10.0	1	AAE-10	3 x 185	930	930	1974	Nizami	ACB-10 3x185:80(82)
60	8	28	8	41	1	10.0		ACB-6	3 x 70	370	370	1965	Nizami	

Appendix II.2.3-1(5) 6kV & 10kV Underground Cables in Nizami

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
61	8	28	8	44	1	10.0		ААБЛ-10	3 x 185	600	600	1986	Nizami	
62	8	29	8	33	1	10.0		АСБ-6	3 x 95	735	735	1955	Nizami	
63	8	29	8	41	1	10.0		АСБ-6	3 x 70	770	770	1958	Nizami	
64	8	29	8	46	1	10.0		АСБ-6	3 x 50	512	512	1965	Nizami	
65	8	30	8	40	1	10.0		АСБ-10	3 x 150	360	360	1975	Nizami	
66	8	30	8	47	1	10.0		ААШБ-10	3 x 185	300	300	1972	Nizami	
67	8	30	8	2080	1	10.0		АСБ-10	3 x 150	300	300	1975	Nizami	
68	8	31	8	32	1	10.0		АСБ-6	3 x 120	225	225	1953	Nizami	
69	8	32	8	33	1	10.0		АСБ-6	3 x 95	460	460	1953	Nizami	
70	8	35	8	36	1	10.0		АСБ-6	3 x 95	200	200	1958	Nizami	
71	8	35	8	37	1	10.0		АСБ-6	3 x 95	200	200	1957	Nizami	
72	8	35	8	2080	1	10.0		ААБ-10	3 x 185	630	630	1974	Nizami	
73	8	36	8	44	1	10.0		АСБ-10	3 x 185	400	400	1977	Nizami	
74	8	36	8	69	1	10.0		АСБ-10	3 x 150	170	170	1975	Nizami	
75	8	38	8	46	1	10.0		АСБ-10	3 x 185	370	370	1973	Nizami	
76	8	38	88	1901	1	10.0	1	АСБ-10	3 x 185	1,110	1,110	1973	Nizami	ААБ-103x150:860(74)
77	8	40	8	69	1	10.0		АСБ-10	3 x 150	300	300	1975	Nizami	
78	8	40	8	87	1	10.0		ААБЛ-10	3 x 185	750	750	1988	Nizami	
79	8	42	8	61	2	10.0		ААШБ-10	3 x 95	560	1,120	1971	Nizami	
80	8	42	8	68	2	10.0		ААБЛ-10	3 x 120	375	750	1987	Nizami	
81	8	43	8	82	2	10.0		ААБЛ-10	3 x 185	280	560	1988	Nizami	
82	8	44	8	45	1	10.0	2	ААБЛ-10	3 x 95	350	350	1985	Nizami	ААБЛ-10 3 x 95:130(85), ААБЛ-10 3x95:20(85)
83	8	49	8	50	2	10.0		АСБ-10	3 x 150	400	800	1967	Nizami	
84	8	49	8	57	2	10.0		АСБ-10	3 x 150	500	1,000	1967	Nizami	
85	8	50	8	51	1	10.0		ААБ-10	3 x 150	800	800	1999	Nizami	
86	8	50	88	211	1	10.0		АСБ-10	3 x 150	1,570	1,570	1967	Nizami	
87	8	51	8	54	2	10.0		АСБ-10	3 x 185	380	760	1966	Nizami	
88	8	51	88	211	2	10.0		АСБ-10	3 x 185	970	1,940	1966	Nizami	
89	8	52	8	53	1	10.0		АСБ-10	3 x 70	200	200	1964	Nizami	
90	8	52	8	56	1	10.0		АСБ-6	3 x 70	400	400	1964	Nizami	
91	8	53	8	55	1	10.0		АСБ-6	3 x 70	730	730	1964	Nizami	
92	8	54	8	58	1	10.0		АСБ-10	3 x 185	650	650	1966	Nizami	
93	8	54	8	59	1	10.0		АСБ-10	3 x 185	1,220	1,220	1966	Nizami	
94	8	55	8	57	2	10.0		АСБ-10	3 x 185	250	500	1966	Nizami	
95	8	56	8	58	1	10.0		АСБ-6	3 x 120	650	650	1964	Nizami	
96	8	57	8	59	1	10.0		АСБ-10	3 x 185	450	450	1966	Nizami	
97	8	58	8	60	1	10.0		АСБ-10	3 x 120	350	350	1965	Nizami	
98	8	58	88	211	2	10.0		АСБ-10	3 x 120	1,620	3,240	1964	Nizami	
99	8	58	8	957	1	10.0		ААБЛ-10	3 x 150	550	550	1998	Nizami	
100	8	59	88	1901	1	10.0		ААБ-10	3 x 150	1,030	1,030	1998	Nizami	
101	8	60	8	61	1	10.0		АСБ-10	3 x 185	1,600	1,600	1974	Nizami	
102	8	60	8	873	1	10.0		0	0	0	0		Nizami	
103	8	60	88	1901	1	10.0		АСБ-10	3 x 240	800	800	1974	Nizami	
104	8	61	8	66	2	10.0	1	ААШБ-10	3 x 95	450	900	1971	Nizami	II[АСБ-10 3x70:30(72)
105	8	61	8	73	1	10.0		АСБ-10	3 x 185	460	460	1980	Nizami	
106	8	61	8	984	2	10.0		АСБ-10	3 x 120	585	1,170	1998	Nizami	
107	8	61	88	1901	1	10.0	1	АСБ-10	3 x 185	2,200	2,200	1974	Nizami	АСБ-10 2x240:600(74)
108	8	62	8	68	1	10.0		ААБЛ-10	3 x 120	350	350	1987	Nizami	
109	8	62	8	886	1	10.0		АСБ-10	3 x 95	870	870	1993	Nizami	
110	8	62	8	892	1	10.0	1	АСБ-10	3 x 120	300	300	1994	Nizami	АСБ-10 3x120:390(94)
111	8	63	8	64	2	10.0		ААШБ-10	3 x 95	260	520	1973	Nizami	
112	8	63	8	880	1	10.0		ААБЛ-10	3 x 95	500	500	1993	Nizami	
113	8	63	8	892	1	10.0	1	ААБ-10	3 x 120	450	450	1994	Nizami	ААБ-10 3x120:390(94)
114	8	64	8	65	2	10.0		АСБ-10	3 x 95	310	620	1973	Nizami	
115	8	65	8	66	2	10.0		II[АСБ-10	3 x 70	485	970	1972	Nizami	
116	8	66	8	75	1	10.0	2	АСБ-10	3 x 185	480	480	1965	Nizami	II[АСБ-10 3x70:30(72), ААШБ-10 3x95:150(71)
117	8	66	8	78	1	10.0	2	АСБ-10	3 x 185	1,200	1,200	1965	Nizami	II[АСБ-10 3x70:30(72), ААШБ-10 3x95:150(71)
118	8	67	8	80	2	10.0		АСБ-10	3 x 150	295	590	1981	Nizami	
119	8	68	8	886	1	10.0		АСБ-10	3 x 120	450	450	1993	Nizami	
120	8	70	8	75	2	10.0		АСБ-10	3 x 120	495	990	1969	Nizami	
121	8	70	8	78	1	10.0	1	АСБ-10	3 x 185	1,835	1,835	1965	Nizami	АСБ-10 3x185:145(69)
122	8	70	88	211	1	10.0		ААБ-10	3 x 120	320	320	1998	Nizami	
123	8	70	88	211	1	10.0		АСБ-10	3 x 120	310	310	1998	Nizami	
124	8	71	8	72	1	10.0		ААБ-10	3 x 185	410	410	1966	Nizami	
125	8	71	8	78	1	10.0		АСБ-10	3 x 185	300	300	1966	Nizami	

Appendix II.2.3-1(5) 6kV & 10kV Underground Cables in Nizami

No.	From		To		Num. of Circuit (CCF)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
126	8	71	8	88	1	10.0		AAE17-10	3 x 120	900	900	1989	Nizami	
127	8	72	8	73	1	10.0		AAE-10	3 x 185	245	245	1966	Nizami	
128	8	73	8	74	1	10.0		AAE-10	3 x 185	460	460	1966	Nizami	
129	8	73	8	211	1	10.0		ACE-10	3 x 150	2,200	2,200	1966	Nizami	
130	8	74	8	76	1	10.0		AAE-10	3 x 185	420	420	1966	Nizami	
131	8	75	8	83	2	10.0		ACE-10	3 x 185	420	840	1998	Nizami	
132	8	76	8	77	1	10.0		ACE-6	3 x 120	573	573	1965	Nizami	
133	8	77	8	78	1	10.0		ACE-6	3 x 185	360	360	1965	Nizami	
134	8	77	8	88	1	10.0		AAE27-10	3 x 150	500	500	1989	Nizami	
135	8	80	8	81	2	10.0		AAE7Y-10	3 x 185	450	900	1988	Nizami	
136	8	81	8	880	1	10.0	1	AAE7Y-10	3 x 95	450	450	1993	Nizami	AAE7Y-10 3x95:300(93)
137	8	84	88	212	1	10.0	1	ACE-10	3 x 120	375	375	1983	Nizami	ACE-10 3x120:75(95)
138	8	84	88	212	1	10.0	2	ACE-10	3 x 120	315	315	1989	Nizami	AAE-10 3x185:120(89),AAE-10 3x120:75(95)
139	8	84	8	943	2	10.0		AAE27-10	3 x 120	1,200	2,400	1991	Nizami	
140	8	85	8	880	1	10.0		AAE7Y-10	3 x 95	350	350	1993	Nizami	
141	8	85	8	892	1	10.0	1	AA11E-10	3 x 120	950	950	1988	Nizami	AA11E-10 3x150:150(94)
142	8	85	8	1058	1	10.0		0	0	0	0		Nizami	
143	8	86	8	2080	1	10.0		AA11E-10	3 x 185	70	70	1985	Nizami	
144	8	87	8	2080	1	10.0		AAE7Y-10	3 x 185	1,147	1,147	1988	Nizami	
145	8	856	8	943	2	10.0		ACE-10	3 x 120	550	1,100	1997	Nizami	
146	8	880	8	1030	1	10.0		AAE-10	3 x 95	180	180	1999	Nizami	
147	8	880	8	1058	1	10.0		0	0	0	0		Nizami	
<b>Subtotal</b>					<b>179</b>		<b>43</b>			<b>79,392</b>	<b>97,952</b>			
<b>Grand Total</b>					<b>182</b>		<b>44</b>			<b>80,872</b>	<b>100,612</b>			

Appendix II.2.3-1(6) 6kV & 10kV Underground Cables in Khatai

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commisss Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
<b>(6kV)</b>														
1	13	18	13	214	1	6.0							Yasarnal	
2	5	275	88	220	1	6.0		ACB-6	3 x 150	580	580		Khatai	
3	13	601	5	605	1	6.0		ACB-10	3 x 150	270	270	1980	Khatai	
4	13	601	5	605	1	6.0		AAБ-10	3 x 185	270	270	1980	Khatai	
5	5	604	90	2020	1	6.0		ACB-10	3 x 150	585	585	1974	Khatai	
6	5	605	88	220	2	6.0							Khatai	
7	5	671	88	220	1	6.0		ACB-10	3 x 185	110	110	1975	Khatai	
8	5	671	88	220	1	6.0		ACB-10	3 x 185	115	115	1975	Khatai	
9	5	671	5	697	2	6.0		AAБЛ-10	3 x 150	525	1,050	1976	Khatai	
10	5	671	5	745	1	6.0		ACB-10	3 x 150	450	450	1979	Khatai	
11	5	671	5	836	2	6.0		AAБ-10	3 x 185	200	400	1988	Khatai	
12	5	697	5	726	2	6.0		ACB-10	3 x 185	500	1,000	1978	Khatai	
13	5	876	88	220	1	6.0		ACB-10	3 x 185	250	250	1992	Khatai	
14	5	876	88	220	1	6.0		ACB-10	3 x 185	250	250	1992	Khatai	
15	13	928	90	2136	1	6.0							Khatai	
16	5	3289	88	220	2	6.0		CB-6	3 x 185	270	540	1967	Yasarnal	
<b>Subtotal</b>					<b>21</b>		<b>0</b>			<b>4,375</b>	<b>5,870</b>			
<b>(10kV)</b>														
1	13	197	13	274	2	10.0		AAEЛ-10	3 x 120	420	840	1988	Khatai	
2	13	200	13	201	2	10.0		AAШБ-10	3 x 95	240	480	1985	Khatai	
3	13	200	13	202	1	10.0	2	ACB-10	3 x 185	600	600	1977	Khatai	AAБ-10 3x185:90(82),ACB-10:70(82)
4	13	200	13	208	2	10.0	1	ACB-10	3 x 185	1,045	2,090	1977	Khatai	ACB-10 3x185:145(83)
5	13	200	13	238	2	10.0		AAБЛ-10	3 x 150	530	1,060	1985	Khatai	
6	13	201	13	206	2	10.0		ACB-10	3 x 185	380	760	1985	Khatai	
7	13	202	13	203	2	10.0		AAШБ-10	3 x 95	270	540	1977	Khatai	
8	13	202	88	1902	1	10.0	2	ACB-10	3 x 185	1,840	1,840	1977	Khatai	ACB-10 3x185:90(82),ACB-10 3x95:70(82)
9	13	203	13	204	2	10.0		AAШБ-10	3 x 95	260	520	1977	Khatai	
10	13	204	13	205	1	10.0		AAШБ-10	3 x 95	270	270	1977	Khatai	
11	13	206	13	207	2	10.0		AAБ-10	3 x 185	570	1,140	1980	Khatai	
12	13	207	13	218	2	10.0		AAБ-10	3 x 185	250	500	1983	Khatai	
13	13	208	13	209	2	10.0	1	AAБ-10	3 x 185	223	446	1983	Khatai	AAБ-10 3 x 185: 113(83)
14	13	208	88	1902	2	10.0	1	ACB-10	3 x 185	975	1,950	1977	Khatai	ACB-10 3x185:390(83)
15	13	209	88	1902	1	10.0		AAБЛ-10	3 x 185	1,300	1,300	1986	Khatai	
16	13	210	13	212	2	10.0		AAШП-10	3 x 185	260	520	1985	Khatai	
17	13	210	13	213	1	10.0		AAБЛ-10	3 x 185	160	160	1978	Khatai	
18	13	210	13	238	1	10.0	1	AAШБ-10	3 x 95	710	710	1985	Khatai	AAШБ-10 3 x 95:410(85)
19	13	212	13	289	2	10.0	1	ACB-10	3 x 185	560	1,120	1977	Khatai	ACB-10 3 x 95:190(82)
20	13	214	13	215	2	10.0		AAБ-10	3 x 185	250	500	1980	Khatai	
21	13	215	13	239	1	10.0		AAБ-10	3 x 185	200	200	1989	Khatai	
22	13	216	13	277	2	10.0		AAШБ-10	3 x 150	750	1,500	1989	Khatai	
23	13	217	13	278	2	10.0		ACB-10	3 x 185	370	740	1978	Khatai	
24	13	217	13	289	2	10.0		AAЛ-10	3 x 150	110	220	1981	Khatai	
25	13	218	13	219	2	10.0		AAБ-10	3 x 120	200	400	1983	Khatai	
26	13	219	13	232	2	10.0		AAБ-10	3 x 185	280	560	1983	Khatai	
27	13	220	13	221	2	10.0		ACB-10	3 x 95	330	660	1980	Khatai	
28	13	220	13	225	2	10.0		ACB-10	3 x 185	1,060	2,120	1982	Khatai	
29	13	220	88	1902	3	10.0		ACB-10	4 x 185	300	900	1985	Khatai	
30	13	221	13	895	2	10.0		ACB-10	3 x 120	170	340	1994	Khatai	
31	13	222	13	223	2	10.0		ACB-10	3 x 185	230	460	1983	Khatai	
32	13	222	13	895	2	10.0		ACB-10	3 x 120	400	800	1994	Khatai	
33	13	223	13	224	2	10.0		AAEЛ-10	3 x 120	350	700	1983	Khatai	
34	13	224	13	230	1	10.0		AAБЛ-10	3 x 185	575	575	1983	Khatai	
35	13	225	13	226	2	10.0		ACB-10	3 x 95	250	500	1982	Khatai	
36	13	225	88	1902	2	10.0		0	0	0	0		Khatai	
37	13	226	13	227	2	10.0		ACB-10	3 x 95	250	500	1982	Khatai	
38	13	227	13	228	1	10.0		ACB-10	3 x 95	380	380	1983	Khatai	
39	13	227	13	230	1	10.0		AAБ-10	x	330	330	1987	Khatai	
40	13	228	13	229	2	10.0		ACB-10	3 x 95	180	360	1983	Khatai	
41	13	229	13	230	2	10.0		ACB-10	3 x 95	270	540	1983	Khatai	
42	13	234	13	235	1	10.0		AAБ-10	3 x 120	370	370	1987	Khatai	
43	13	234	13	236	1	10.0	2	AAШБ-10	3 x 185	250	250	1983	Khatai	AAШБ-10 3x120:50(83);AAШБ-10 3x120:30(95)
44	13	234	13	239	2	10.0		AAБ-10	3 x 185	820	1,640	1989	Khatai	
45	13	234	13	280	1	10.0	1	ACB-10	3 x 150	1,300	1,300	1977	Khatai	ACB-10 3x150:400(83)
46	13	234	13	286	1	10.0	1	ACB-10	3 x 150	1,300	1,300	1983	Khatai	ACB-10 3 x 150:900(83)

Appendix II.2.3-1(6) 6kV & 10kV Underground Cables in Khatai

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct-m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
47	13	234	88	1902	1	10.0		0	0	0	0		Khatai	
48	13	235	13	236	1	10.0	1	AAШБ-10	3 x 185	400	400	1983	Khatai	AAШБ-10 3x185:200(83)
49	13	236	13	237	2	10.0		AAШБ-10	3 x 185	200	400	1983	Khatai	
50	13	237	13	238	2	10.0		AAШБ-10	3 x 185	380	760	1984	Khatai	
51	13	260	88	211	2	10.0		АСБ-10	3 x 150	850	1,700	1988	Khatai	
52	13	260	13	261	2	10.0		ААБЭЛ-10	3 x 185	265	530	1989	Khatai	
53	13	263	88	211	2	10.0		АСБ-10	3 x 150	1,300	2,600	1977	Khatai	
54	13	263	13	273	2	10.0		ААБ-10	3 x 185	110	220	1981	Khatai	
55	13	263	13	918	2	10.0		ААБ-10	3 x 120	40	80	1994	Khatai	
56	13	273	13	918	1	10.0		0	0	0	0		Khatai	
57	13	274	13	277	2	10.0		АСБ-10	3 x 150	300	600	1974	Khatai	
58	13	274	13	278	1	10.0		ААБ-10	3 x 150	550	550	1988	Khatai	
59	13	275	13	276	1	10.0	1	АСБ-10	3 x 150	300	300	1976	Khatai	ААБЛ-10 3x185:160(81)
60	13	275	13	277	2	10.0		ААБЛ-10	3 x 185	260	520	1981	Khatai	
61	13	275	13	278	1	10.0		0	0	0	0		Khatai	
62	13	275	88	1908	2	10.0		АСБ-10	3 x 240	3,000	6,000	1992	Khatai	
63	13	276	13	280	2	10.0		АСБ-10	3 x 185	500	1,000	1970	Khatai	
64	13	278	13	288	2	10.0		АШБ-10	3 x 150	300	600	1985	Khatai	
65	13	279	13	280	2	10.0		ААБЛ-10	3 x 150	300	600	1989	Khatai	
66	13	279	13	281	2	10.0		ААБЛ-10	3 x 150	250	500	1989	Khatai	
67	13	280	13	287	2	10.0		СБ-10	3 x 95	320	640	1974	Khatai	
68	13	281	13	283	2	10.0		ААБЛ-10	3 x 150	280	560	1988	Khatai	
69	13	283	13	284	2	10.0		ААБЛ-10	3 x 150	300	600	1988	Khatai	
70	13	284	88	1908	2	10.0		АСБ-10	3 x 185	750	1,500	1989	Khatai	
71	13	285	13	286	2	10.0		АСБ-10	3 x 95	560	1,120	1983	Khatai	
72	13	287	13	288	2	10.0		ААШБ-10	3 x 185	420	840	1974	Khatai	
73	13	290	13	291	1	10.0	1	ААБ-10	3 x 150	360	360	1975	Khatai	ААШБ-10 3x150:310(79)
74	13	290	88	1902	3	10.0	1	АСБ-10	3 x 185	760	2,280	1975	Khatai	ААШБ-10 3x185:524(71)
75	13	291	13	292	2	10.0		АСБ-10	3 x 185	500	1,000	1975	Khatai	
76	13	291	13	293	1	10.0	1	ААБ-10	3 x 185	420	420	1986	Khatai	АСБ-10 3x150:220(75)
77	13	291	88	1902	1	10.0	3	АСБ-10	3 x 120	1,200	1,200	1936	Khatai	ААБ-10,3x185 236(95),ААБ-10,3x150 300(85),ААБ-10,3x120 644(95)
78	13	293	13	294	2	10.0		АСБ-10	3 x 150	450	900	1975	Khatai	
79	13	293	13	295	1	10.0		АСБ-10	3 x 185	350	350	1975	Khatai	
80	13	293	88	1902	1	10.0	2	АСБ-10	3 x 185	1,020	1,020	1995	Khatai	ААШБ-10 3 x 185:470(95),ААБ-10:50(95)
81	13	294	13	299	2	10.0		АСБ-10	3 x 185	500	1,000	1980	Khatai	
82	13	295	13	296	2	10.0		АСБ-10	3 x 150	650	1,300	1975	Khatai	
83	13	295	13	297	2	10.0		АСБ-10	3 x 150	950	1,900	1975	Khatai	
84	13	296	88	1902	2	10.0		АСБ-10	3 x 150	1,200	2,400	1976	Khatai	
85	13	297	13	298	2	10.0		ААБ-10	3 x 185	340	680	1976	Khatai	
86	13	298	13	299	2	10.0		АСБ-10	3 x 150	265	530	1980	Khatai	
87	13	300	13	304	2	10.0		АСБ-10	3 x 95	460	920	1977	Khatai	
88	13	300	13	308	2	10.0		ААБ-10	3 x 95	220	440	1977	Khatai	
89	13	300	13	312	2	10.0		АСБ-10	3 x 185	191	382	1976	Khatai	
90	13	300	13	315	2	10.0		АСБ-10	3 x 150	590	1,180	1976	Khatai	
91	13	300	13	333	1	10.0	1	АСБ-10	3 x 240	1,870	1,870	1976	Khatai	АСБ-10 3x240:150(86)
92	13	300	13	334	1	10.0		АСБ-10	3 x 185	1,100	1,100	1976	Khatai	
93	13	300	88	1902	1	10.0		АСБ-10	3 x 185	2,720	2,720	1976	Khatai	
94	13	301	13	311	2	10.0		АСБ-10	3 x 95	400	800	1976	Khatai	
95	13	301	13	863	2	10.0		ААБЭЛ-10	3 x 185	290	580	1992	Khatai	
96	13	301	8	878	1	10.0		АСБ-10	3 x 120	350	350	1992	Khatai	
97	13	303	13	317	2	10.0		ААБ-10	3 x 185	380	760	1979	Khatai	
98	13	303	13	963	1	10.0		АСБ-10	3 x 120	285	285	1997	Khatai	
99	13	304	13	309	1	10.0		ААШБ-10	3 x 95	460	460	1977	Khatai	
100	13	304	13	323	1	10.0	1	ААШБ-10	3 x 95	690	690	1979	Khatai	ААШБ-10 3x95:460(79)
101	13	305	13	306	2	10.0		ААШБ-10	3 x 95	130	260	1977	Khatai	
102	13	305	13	309	2	10.0		АСБ-10	3 x 185	750	1,500	1976	Khatai	
103	13	306	13	308	2	10.0		ААШБ-10	3 x 95	390	780	1977	Khatai	
104	13	309	13	323	1	10.0		ААШБ-10	3 x 95	230	230	1979	Khatai	
105	13	311	13	336	2	10.0		ААБЭЛ-10	3 x 150	512	1,024	1992	Khatai	
106	13	313	13	314	2	10.0		ААБ-10	3 x 185	300	600	1976	Khatai	
107	13	313	13	335	2	10.0		ААБ-10	3 x 185	450	900	1986	Khatai	
108	13	315	13	316	2	10.0		ААШБ-10	3 x 185	300	600	1977	Khatai	
109	13	315	13	317	2	10.0		ААБ-10	3 x 150	510	1,020	1976	Khatai	
110	13	315	13	320	1	10.0	1	ААШБ-10	3 x 150	1,300	1,300	1979	Khatai	ААШБ-10 3 x 185:250(86)
111	13	315	88	1902	1	10.0		АСБ-10	3 x 240	3,300	3,300	1979	Khatai	

Appendix II.2.3-1(6) 6kV & 10kV Underground Cables in Khatai

No.	From		To		Num. of Circuit (CCT)	Voltage (kV)	Joint	Cable Type	Cable Size	Route Length (m)	Cable Length (cct*m)	Commiss. Year	Area for MP	Remarks
	Network No.	Station No.	Network No.	Station No.										
112	13	316	13	318	2	10.0		ААНБ-10	3 x 185	220	440	1977	Khatai	
113	13	318	13	319	2	10.0		АСБ-10	3 x 95	610	1,220	1958	Khatai	
114	13	319	13	916	2	10.0		ААБ-10	3 x 185	250	500	1995	Khatai	
115	13	320	13	321	1	10.0		ААБЛ-10	3 x 120	700	700	1985	Khatai	
116	13	320	13	335	1	10.0		АСБ-10	3 x 240	1,532	1,532	1979	Khatai	
117	13	320	13	863	2	10.0		ААБЛ-10	3 x 185	411	822	1992	Khatai	
118	13	320	13	912	1	10.0		ААНБ-10	3 x 120	90	90	1985	Khatai	
119	13	321	13	322	2	10.0		ААБЛ-10	3 x 95	245	490	1979	Khatai	
120	13	321	13	912	1	10.0		ААНБ-10	3 x 120	340	340	1983	Khatai	
121	13	322	13	323	2	10.0		ААБЛ-10	3 x 95	400	800	1979	Khatai	
122	13	323	13	963	1	10.0		АСБ-10	3 x 120	275	275	1997	Khatai	
123	13	326	13	327	2	10.0		ААБ-10	3 x 185	300	600	1980	Khatai	
124	13	327	13	328	2	10.0		ААБЛ-10	3 x 95	350	700	1980	Khatai	
125	13	328	13	329	1	10.0		ААБЛ-10	3 x 95	100	100	1980	Khatai	
126	13	329	13	334	2	10.0		ААБЛ-10	3 x 185	310	620	1981	Khatai	
127	13	332	13	333	2	10.0		ААБ-10	3 x 95	300	600	1982	Khatai	
128	13	333	88	1902	1	10.0	2	АСБ-10	3 x 240	1,770	1,770	1976	Khatai	АСБ-10 3 x 240:150(86), АСБ-10 3 x 185:1,620(76)
129	13	334	88	1902	1	10.0		ААБ-10	3 x 185	1,620	1,620	1976	Khatai	
130	13	335	13	336	2	10.0		ААНБ-10	3 x 185	530	1,060	1986	Khatai	
131	13	335	88	1902	1	10.0		АСБ-10	3 x 240	3,367	3,367	1979	Khatai	
132	13	863	88	213	2	10.0		ОАСБ-20	3 x 120	165	330	1996	Khatai	
133	13	916	88	1908	2	10.0		ААБ-10	3 x 185	400	800	1995	Khatai	
134	13	918	88	211	2	10.0		ААБ-10	3 x 150	1,100	2,200	1998	Khatai	
<b>Subtotal</b>						226		28		76,601	117,978			
<b>Grand Total</b>						247		28		80,976	123,848			