Name of Transmission Lines and Substations	Length in km	Number of Circuit	Conductor Size (MCM)	In Service Date (Fiscal Year)
18) Ang Thong 2-Doembang Nangbuat	34	1	477	1990
19) Nakhon Sawan-Salokbat	49	1	477	1990
20) Thalan 1-Phra Phutthabat	19	1	477	1990
21) Saraburi 4-Nakhon Nayok	30	1	477	1990
22) Surat Thani-Bandon	17	1	477	1990
23) Ayutthaya 2 Substation				1990
24) Kalasin-Sakon Nakon	113	1	477	1992
25) Nakhon Ratchasima 2-Buri Ram	120	2	477	1992
26) Phichit-Bang Mun Nak	49	1	477	1992
27) Bang Pakong-Bang Wua	12	1	477	1992
28) Narathiwat-Sungai Kolok	48	1	477	1992
29) Hat yai 2-Pattani	120	1	477	1992
30) Ban Na San Substation				1992
31) Bang Pakong-Phanom Sarakham	52	1	477	1992
32) Kabin Buri Substation				1992
33) Ao Phai-Bang Lamung(No.2)	22	1	477	1992
34) Phatthalung-Ranot	48	1	477	1992
35) Chiang Rai-Thoeng	61	1	477	1992
36) Amnat Charoen Substation				1992
37) Buri Ram-Prakhon Chai	46	1	477	1992
38) Yasothon-Si Sa Ket	89	1	477	1992
39) Hua Hin Substation				1992

3.4 Upgrading of EGAT's System Control Center

3.4.1 Objective

The existing central dispatching center was commissioned in 1971 and has been in service for more than 10 years. Therefore, both the hardware and the software become technologically obsolete and will soon inadequate to cope with the system expansion. Due to this, the present EGAT's system control center needs to be upgraded to a more satisfactory operating condition.

3.4.2 Project Scope and Description

Project Scope

The upgrading of the system control center consists of the following works :

a) National Control Center (NCC) and Region 1 Control Center (RCC-1)