

### 3.3.2 230 kV and 115 kV Transmission System Projects

There are quite a few transmission projects rated below 500 kV which are scheduled to be constructed during the next 15 years. These projects are listed below.

#### A. 230 kV Projects

Name of Transmission Lines and Substations	Length in km	Number of Circuit	Conductor Size (MCM)	In Service Date (Fiscal Year)
1) Srinagarind Switchyard addition				1993
2) Sai Noi Substation				1993
3) Nam Chon-Srinagarind 2	110	2	2x1272	1996
4) Ban Pong 2-Sai Noi	54	2	1272	1996
5) Ao Phai 1-Ao Phai 2	3	2	2x1272	1999
6) Saraburi 2-Nakhon Ratchasima 2	120	2	1272	1990
7) Mae Moh 3-Chiang Mai 3	118	2	1272	1992
8) Khon Kaen 3-Roi Et	115	2	1272	1991
9) Tha Tako-Khon Kaen 3	300	2	1272	1992
10) Prachuap Khiri Khan-Surat Thani	350	2	1272	1990

#### B. 115 kV Projects

Name of Transmission Lines and Substations	Length in km	Number of Circuit	Conductor Size (MCM)	In Service Date (Fiscal Year)
1) Ubol Ratchathani 1-Ubol Ratchathani 2	25	1	477	1993
2) Pak Mun-Ubon Ratchathani 2	70	2	477	1993
3) Ubon Ratchathani 2-Si Kaket	65	1	477	1993
4) Kaeng Krung-Chiew Larn	42	2	477	1993
5) Khao Laem-Nam Chon	70	1	477	1990
6) Nam Phong-Khon Kaen 1	30	1	95 sq.mm	1989
7) Nam Phong-Udon Thani 1	95	1	477	1990
8) Krabi Switchyard reconstruction				1992
9) Krabi 2-Thung Song	44	2	477	1999
10) Bang Pakong-Chachoeng Sao	19	1	477	1990
11) Ang Thong 2-Ayutthaya 1	38	1	477	1990
12) Ayutthaya 1-Bang Pa In	21	2	477	1990
13) Ao Phai-Sri Racha	5	1	477	1990
14) Tha Tako-Takhli 2	44	2	477	1990
15) Mae Moh 3-Phayao	114	1	477	1990
16) Tak 1-Mae Sot	79	1	477	1990
17) Sawankhalok Substation and line termination	11	2	477	1990