HVDC Transmission System
Existing at the end of 9th Plan and programme for 10th Plan 2002-07

Includes - HVDC Transmission Bipole, Back-to-back and Monopole lines and terminal station

				As at the end of 9th Plan i.e. 3/2002	2002-03	2003-04	2004-05	2005-06	2006-07	As at the end of 10th Plan i.e. 3/2007
HVDC Bipole Line										
Chnadrapur-Padghe	± 500kV	MSEB	ckm	1504						1504
Rihand-Dadri	± 500kV	PGCIL	ckm	1634						1634
Talcher-Kolar	± 500kV	PGCIL	ckm		2738					2738
TOTAL				**3138**	**2738**	**0**	**0**	**0**	**0**	**5876**
HVDC Bi-pole Transmission Capacity										
Chnadrapur-Padghe	bipole	MSEB	MW	1500						1500
Rihand-Dadri	bipole	PGCIL	MW	1500						1500
Talcher-Kolar	bipole	PGCIL	MW		1000	1000		500		2500
TOTAL				**3000**	**1000**	**1000**	**0**	**500**	**0**	**5500**
HVDC Back-to-back Transmission Capacity										
Vindhachal	b-t-b	PGCIL	MW	500						500
Chandrapur	b-t-b	PGCIL	MW	1000						1000
Gazuwaka	b-t-b	PGCIL	MW	500			500			1000
Sasaram	b-t-b	PGCIL	MW		500					500
TOTAL				**2000**	**500**	**0**	**500**	**0**	**0**	**3000**
HVDC Monopole Line										
Barsur-Lower Sileru	200kV	APTRANSCO	ckm	162						162
TOTAL				**162**	**0**	**0**	**0**	**0**	**0**	**162**
HVDC Mono-pole Transmission Capacity										
Barsur-Lower Sileru	monopole	CSEB/ APTRANSCO	MW	200						200
TOTAL				**200**	**0**	**0**	**0**	**0**	**0**	**200**