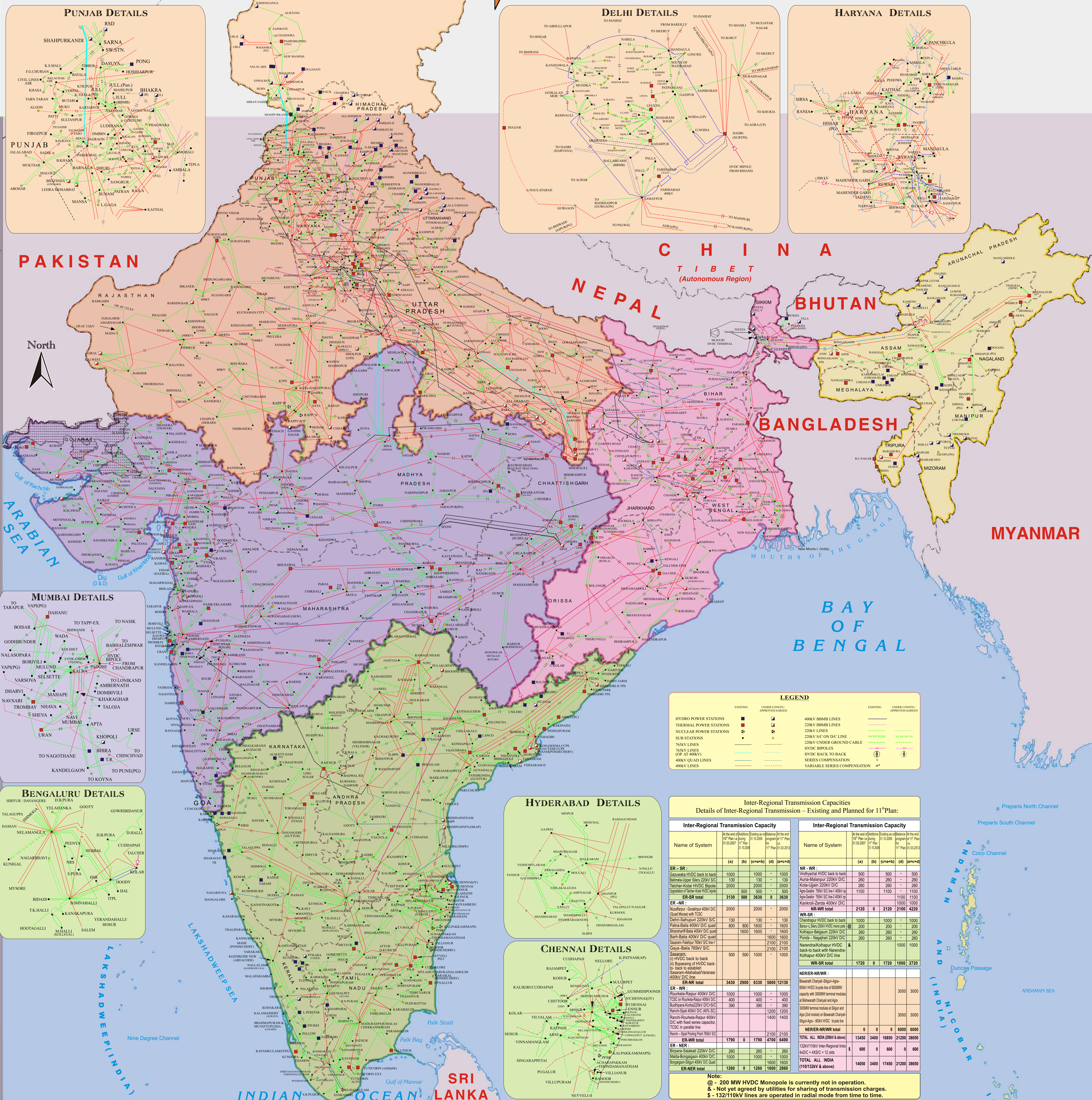


AFGHANISTAN

## MAJOR TRANSMISSION NETWORK OF INDIA

(220kV AND ABOVE, EXISTING AND APPROVED, UPDATED UPTO OCT.2008)

CENTRAL ELECTRICITY AUTHORITY



CUMULATIVE GROWTH IN TRANSMISSION SECTOR AND PROGRAMME FOR ELEVENTH PLAN*				GROWTH OF TRANSMISSION SECTOR*				INTER-REGIONAL TRANSMISSION CAPACITY ADDITION PROGRAMME FOR EARLY 12 <sup>TH</sup> PLAN I.E. 2012-14*				HVDC Transmission Systems for 11th Plan (2007-2012)			
TRANSMISSION LINES	Unit	At the end of 10th Plan March 2007	Target at the end of 11th Plan March 2012	SUBSTATIONS	Unit	At the end of 10th Plan March 2007	Target at the end of 11th Plan March 2012	A. TRANSMISSION LINES (CKM)	Regions	Name of System	Power Transmission Capacity (MW)	HVDC Transmission Systems, Programmed for 11 <sup>th</sup> Plan (2007-12)	At the end of 10 <sup>th</sup> Plan March 2007	At the end of 11 <sup>th</sup> Plan March 2012	At the end of 12 <sup>th</sup> Plan March 2017
765kV	ckm	5184	7132	500kV HVDC Back to Back converter/BTBS	MW	13000	14200	765 kV Transmission Lines	ER-NR	Sasaram-Fatehpur 765kV S/C line	2100	Chandrapur-Padhega HVDC	500	500	500
HVDC 500kV	ckm	2872	11078	400kV	MVA	92942	145000	400 kV Transmission Lines	ER-WR	Ranchi-Split Pooling Point 765kV S/C or 1200kV operated at 765kV line-2 with ser comp.	2300	Chandrapur-Padhega HVDC	500	500	500
HVDC 200 kV Monopole	ckm	-	162	220/220kV	MVA	156497	230000	220 kV Transmission Lines	NR-WR	Ranchi-Split Pooling Point 765kV S/C line-1 765kV operation	1000	Chandrapur-Padhega HVDC	500	500	500
400kV	ckm	75722	125000	Total:	MVA	262439	428000	11 <sup>th</sup> Plan	NR-WR	Agra-Chennai 765kV line-1 765kV operation	1000	Chandrapur-Padhega HVDC	500	500	500
220 kV	ckm	114629	150000					11 <sup>th</sup> Plan	NR-WR	Agra-Chennai 765kV line-2 765kV operation	1000	Chandrapur-Padhega HVDC	500	500	500
Total:	ckm	198407	293372					11 <sup>th</sup> Plan	NR-WR	Narendra HVDC back-to-back with Narendra	1000	Chandrapur-Padhega HVDC	500	500	500

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