

HVDC PROJECTS LISTING

Prepared for the
DC and Flexible AC Transmission Subcommittee
of the
IEEE Transmission and Distribution Committee
by the
Working Group on HVDC and FACTS Bibliography and Records

SYSTEM / PROJECT	HVDC SUPPLIER	YEAR COMMISSIONED	POWER RATING (MW)	DC VOLTAGE (kV)	LINE/ CABLE (km)	MERCURY/ THYRISTOR/ TRANSISTOR	LOCATION
IB VALLEY-JAIPUR		PLANNED 2002	3000			THY	INDIA
EUROCABLE		PLANNED 2002	600	500	600	THY	NORWAY-GERMANY
LEYTE-MINDANAO		PLANNED 2004	400			THY	PHILIPPINES
EAST-WEST ENERGY BRIDGE		PLANNED 2005	500	600	1800	THY	GERMANY-POLAND-RUSSIA
EAST-WEST ENERGY BRIDGE		PLANNED 2010	1000			THY	GERMANY-POLAND-RUSSIA
ICELAND-SCOTLAND LINK		PLANNED 2005	550	400	950	THY	ICELAND-SCOTLAND
ICELAND-SCOTLAND LINK		FUTURE	1100	±400	950	THY	ICELAND-SCOTLAND
MEPANDA UNCUA		PLANNED 2006	500			THY	MOZAMBIQUE
CHINA-RUSSIA (HEIHE)		PLANNED 2008	750		B-B	THY	CHINA-RUSSIA
NORTHEAST-NORTH (GOALING)		PLANNED 2008	1500		B-B	THY	CHINA
LINGBAO EXPANSION		PLANNED 2009	750		B-B	THY	CHINA
FENNO-SKAN 2		PLANNED 2010	800	500	233	THY	FINLAND-SWEDEN
HUGO INTERTIE		PLANNED 2010	375		B-B	THY	U.S.A
FAREAST (RUSSIA) - NE CHINA		PLANNED 2010	3000			THY	CHINA-RUSSIA
HULUNBEIR (INNER MONGOLIA) - SHENYANG		PLANNED 2010	3000			THY	CHINA
NINGXIA-TIANJING		PLANNED 2010	3000			THY	CHINA
NW-SICHUAN (BAQIJ-DEYANG)		PLANNED 2011	3000			THY	CHINA
NORTH SHANXI-SHANDONG		PLANNED 2011	3000			THY	CHINA
SHANDONG-EAST		PLANNED 2011	1200		B-B	THY	CHINA
GEZHOUBA-SHANGHAI EXPANSION		PLANNED 2011	3000			THY	CHINA
BENMORE-HAYWARDS POLE 1 REPLACEMENT		PLANNED 2012 (AWAITING REGULATORY APPROVAL)	700	350	40	THY	NEW ZEALAND
INDIA-SRI LANKA ELECTRICITY GRID INTERCONNECTION		PLANNED 2012	1000	400			INDIA-SRI LANKA
AYSÉN-SIC		PLANNED 2012	2500	±500 or ±600	2000	THY	CHILE
JINGPING-EAST CHINA NORTH-CENTRAL		PLANNED 2012	6400	800		THY	CHINA
WESCOR SOUTH W (3 TERMINAL)		PLANNED 2012	1000		B-B	THY	CHINA
BAKUN		PLANNED 2013 (MONOPOLE), 2015 (BIPOLE)	2400	±500	1715	THY	AFRICA
WESCOR SOUTH E (3 TERMINAL)		PLANNED 2013					AFRICA
JINGHONG-THAILAND		PLANNED 2013	3000		900	THY	CHINA-THAILAND
XILUODU-HUNAN		PLANNED 2014	6400	800		THY	CHINA
NORTHERN LIGHTS		PLANNED 2014 - 2020	2000	500			CANADA
LABRADOR-NEWFOUNDLAND (LOWER CHURCHILL PROJECT) GULL ISLAND AND MUSKRAT FALLS		PLANNED 2015	2800			THY	CANADA
IRKUTSK (RUSSIA) - BEIJING		PLANNED 2015	6400	800		THY	RUSSIA-CHINA
XILUODU-HANZHOU		PLANNED 2015	6400	800		THY	CHINA
NUOZHADU-GUANGDONG		PLANNED 2015	6400	800		THY	CHINA
HUMENG-SHANDONG		PLANNED 2015	6400	800		THY	CHINA
JINSHA RIVER II - EAST CHINA		PLANNED 2016	6400	800		THY	CHINA
HUMENG-TIANJING		PLANNED 2016	6400	800		THY	CHINA
GOUPITAN-GUANGDONG		PLANNED 2016	3000			THY	CHINA
NELSON RIVER BIPOLE III		PLANNED 2017	2000	500		THY	CANADA
HUMENG-LIAONING		PLANNED 2018	6400	800		THY	CHINA
JINSHA RIVER II - FUJIAN		PLANNED 2018	6400	800		THY	CHINA
HAMI-C.CHINA		PLANNED 2018	6400	800		THY	CHINA
WESCOR NORTH (4 TERMINAL)		PLANNED 2018					AFRICA
JINSHA RIVER II - EAST CHINA		PLANNED 2019	6400	800		THY	CHINA
NEW ZEALAND HYBRID INTER ISLAND LINK		PLANNED				THY	NEW ZEALAND
BARSOOR LOWER SILERU	BHEL	FUTURE	400			THY	INDIA
TALCHER-BANGALORE	SIEMENS	FUTURE	2000	±500	1400	THY	INDIA
CEPA (RASPIER-RAJASTHAN)		FUTURE	2000	500		THY	INDIA
ISACCEA		FUTURE	600		B-B	THY	ROMANIA
POLAND-LITHUANIA		FUTURE			B-B	THY	POLAND-LITHUANIA