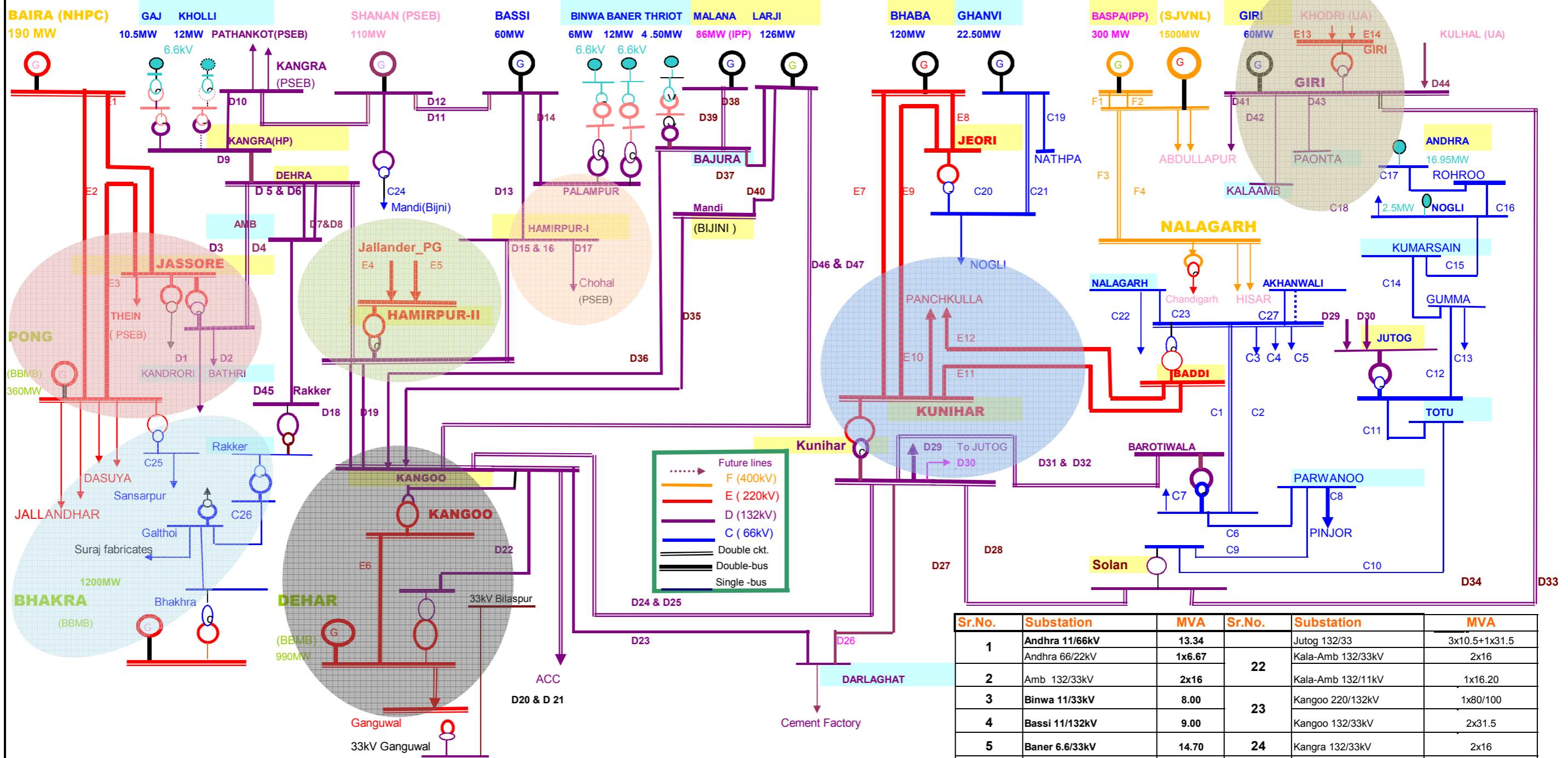


# NETWORK DIAGRAM OF HIMACHAL PRADESH POWER SYSTEM (66kV and above)

(As on 29.02.2008)



Line Code	Length of Line Kmt.	Line Code	Length of Line Kmt.	Line Code	Length of Line Kmt.	Line Code	Length of Line Kmt.	Line Code	Length of Line Kmt.	Line code	Length of line Kmt.
E1	60.00	D1	24.23	D16	4.900	D31	26.03	C1	2.828	C16 Nogli-Samoli(Rohroo)	34.41
E2	40.00	D2	38.48	D17	76.00	D32	26.03	C2	3.256	C17 Andhra-Samoli	13.00
E3	25.60	D3	60.37	D18	42.180	D33	63.99	C3 Baddi-Wardhman-I	1.728	C18 Nogli-Kotla	24.17
E4	123.1	D4	60.37	D19	42.180	D34	65.75	C4 Baddi-Wardhman-II	1.728	C19	20.14
E5	123.1	D5	27.49	D20	1.65	D35	60.86	C5 Baddi-Birla-I	1.746	C20 Kotla-Ghanvi-I	3.565
E6	3.246	D6	27.49	D21	1.65	D36	72.15	C6	17.21	C21 Kotla-Ghanvi-II	3.565
E7	130.9	D7	43.11	D22	2.99	D37	25.00	C7 Broti-IONEX	0.72	C22 Nalag-M/s GPIL	1.545
E8	24.70	D8	43.11	D23	25.60	D38	20.11	C8	8.200	C23	17.00
E9	106.3	D9	29.93	D24	47.64	D39	20.11	C9	18.50	C24	35.00
E10	46.72	D10	0.305	D25	47.64	D40	20.00	C10	25.27	C25	6.400
E11	26.03	D11	5.25	D26 (standby)	22.6	D41	32.19	C11	1.555	C26	15.98
E12	20.03	D12	5.25	D27	22	D42	32.31	C12	15.49	C27	
E13	35.02	D13	49.75	D28	20	D43	17.50	C13 Gumma-Kotkhai	25.20		
E14	35.02	D14	32.000	D29	15.34	D44	18.00	C14	42.04		
		D15	4.900	D30(standby)	16	D45	31.33	C15	25.69		
						D46	55.83				
						D47	55.83				

Sr.No.	Substation	MVA	Sr.No.	Substation	MVA
1	Andhra 11/66kV	13.34	22	Jutog 132/33	3x10.5+1x31.5
2	Andhra 66/22kV	1x6.67	23	Kala-Amb 132/33kV	2x16
3	Amb 132/33kV	2x16	24	Kala-Amb 132/11kV	1x16.20
4	Binwa 11/33kV	8.00	25	Kangoo 220/132kV	1x80/100
5	Bassi 11/132kV	9.00	26	Kangoo 132/33kV	2x31.5
6	Baner 6.6/33kV	14.70	27	Kandrori 132/33kV	2x16
7	Bajura 132/33kV	2x16	28	Kotla(Jeori) 220/66kV	1x31.5
8	Bijni 132/33kV	2x16	29	Kunihar 220/132kV	2x100
9	Bijni 66/33kV	1x18	30	Kunihar 132/33kV	1x8
10	Barotiwala 132/66	3x31.5	31	Kumarsain 66/22kV	2x6.3
11	Barotiwala 132/11	3x16	32	Nathpa 66/22kV	1x10+1x16
12	Baddi 220/66kV	2x100	33	Nalagarh 66/33kV	2x10
13	Bassi 132/33kV	3x3	34	Nalagarh 66/11kV	2x10
14	Dehra 132/33kV	2x16	35	Parwanoo66/11kV	2x20
15	GIRI 220/132kV	2x63	36	Palmpur 132/33kV	2x16
16	GIRI 132/33kV	1x31.5	37	Paonta 132/33kV	2x16
17	Gumma 66/22kV	2x6.3+1x10	38	Paonta132/11kV	3x5.33
18	Ghanvi 11/66kV	27.50		Rorhoo 66/22kV	3x5.33
19	Gaj 6.6/33kV	12.90		Rakker 132/33kV	2x16
20	HAMP-I 132/33kV	1x16+1x25		Rakker 66/33kV	2x10
21	HAMP-II 220/132kV	2x80/100		Rakker 66/11kV	1x6.3
	Jasore 220/132kV	3x50		Rakker 66/11kV	1x6.3
	Jasore 220/33kV	1x25/31.5		Solan 132/66kV	31.5
	Jutog 132/66	3x10.5+31.5		Sansarpur Ter. 66/11kV	1x6.3
				Totu 66/15kV	6x1.33
				Totu 66/11kV	2x6.31