

Enclosure IV: Sheet 2 - Build Margin Calculation Sheet

*** Purchase from NEEPCO started in the year 2000-01 and is segregated based on ratio of generation MU

S.No.	Year	Plant	MW	Own Generation/ Purchase for 2002-03 (MU)
1	2001	Bakreswar U-2	210	2492.153
2	2001	Bakreswar U-3	210	
3	2000	Bakreswar U-1	210	
4	2000	NEEPCO (gas)***	375	173.157
5	2000	NEEPCO (hydro)***	730	45.838
6	1999	PGCIL Chukha (Hydro)	336	486.59
Total				3197.738
20% of Gross Generation-15478.256 MU				3095.6512
Coal based				2492.153
Gas Based				173.157
Hydro based				532.428
% of generation by coal out of total				77.93487146
% of generation by gas out of total				5.414983967
% of generation by hydro out of total				16.65014457

S.No.	Year	Plant	MW
7	1999	PGCIL Kurichu (Hydro)	60
8	1999	Rangit	60
9	1999	DVC -Mejia U-3	210
10	1998	DVC -Mejia U-2	210
11	1996	Ramman S-II-U2	12.75
12	1996	Ramman S-II-U3	12.75
13	1996	Ramman S-II-U4	12.75
14	1996	DVC -Mejia U-1	210
15	1996	Kahalgaon U-4	210
16	1995	Kahalgaon U-3	210
17	1995	Ramman S-II-U1	12.75
18	1995	Teesta Canal Fall U-7	7.5
19	1995	Teesta Canal Fall U-8	7.5
20	1995	Teesta Canal Fall U-9	7.5
21	1995	Talcher	460
22	1994	Kahalgaon U-2	210
23	1994	Farraka U-5	500
24	1994	Teesta Canal Fall U-4	7.5
25	1994	Teesta Canal Fall U-5	7.5
26	1994	Teesta Canal Fall U-6	7.5
27	1993	Kolaghat U-6	210
28	1993	Teesta Canal Fall U-1	7.5
29	1993	Teesta Canal Fall U-2	7.5
30	1993	Teesta Canal Fall U-3	7.5
31	1992	Kolaghat U-5	210
32	1992	Kahalgaon U-1	210
33	1992	Farraka U-4	500
34	1991	Kolaghat U-4	210
35	1990	Kolaghat U-3	210
36	1990	Southern	135
37	1987	Farraka U-3	200
38	1987	DPL U-6	110

S.No.	Year	Plant	MW
39	1986	Kolaghat U-2	210
40	1986	Farraka U-1	200
41	1986	Farraka U-2	200
42	1984	Kolaghat U-1	210
43	1983	Bandel U-5	210
44	1983	Jaldakha-S-II	8
45	1981	Santaldih U-4	120
46	1978	Santaldih U-3	120
47	1975	Santaldih U-2	120
48	1974	Santaldih U-1	120
49	1972	Jaldakha-S-1B	18
50	1967	Jaldakha-S-1A	18
51	1966	Bandel U-2	80
52	1966	Bandel U-3	80
53	1966	Bandel U-4	80
54	1966	DPL U-5	77
55	1965	Bandel U-1	80
56	1964	DPL U-3	77
57	1964	DPL U-4	77
58	1960	DPL U-1	30
59	1960	DPL U-2	30
60	1958	DVC -Mython U-2	20
61	1958	DVC -Mython U-3	20
62	1957	DVC -Mython U-1	20
63	1939	Mulajore	60
64		DPSCS-Chinnakuri	30
65		DPSCS-Dishergarh	18
66		DPSCS-Seebpore	8
67		Kasba GT	40
68		Siliguri GT	20
69		Haldia GT	40