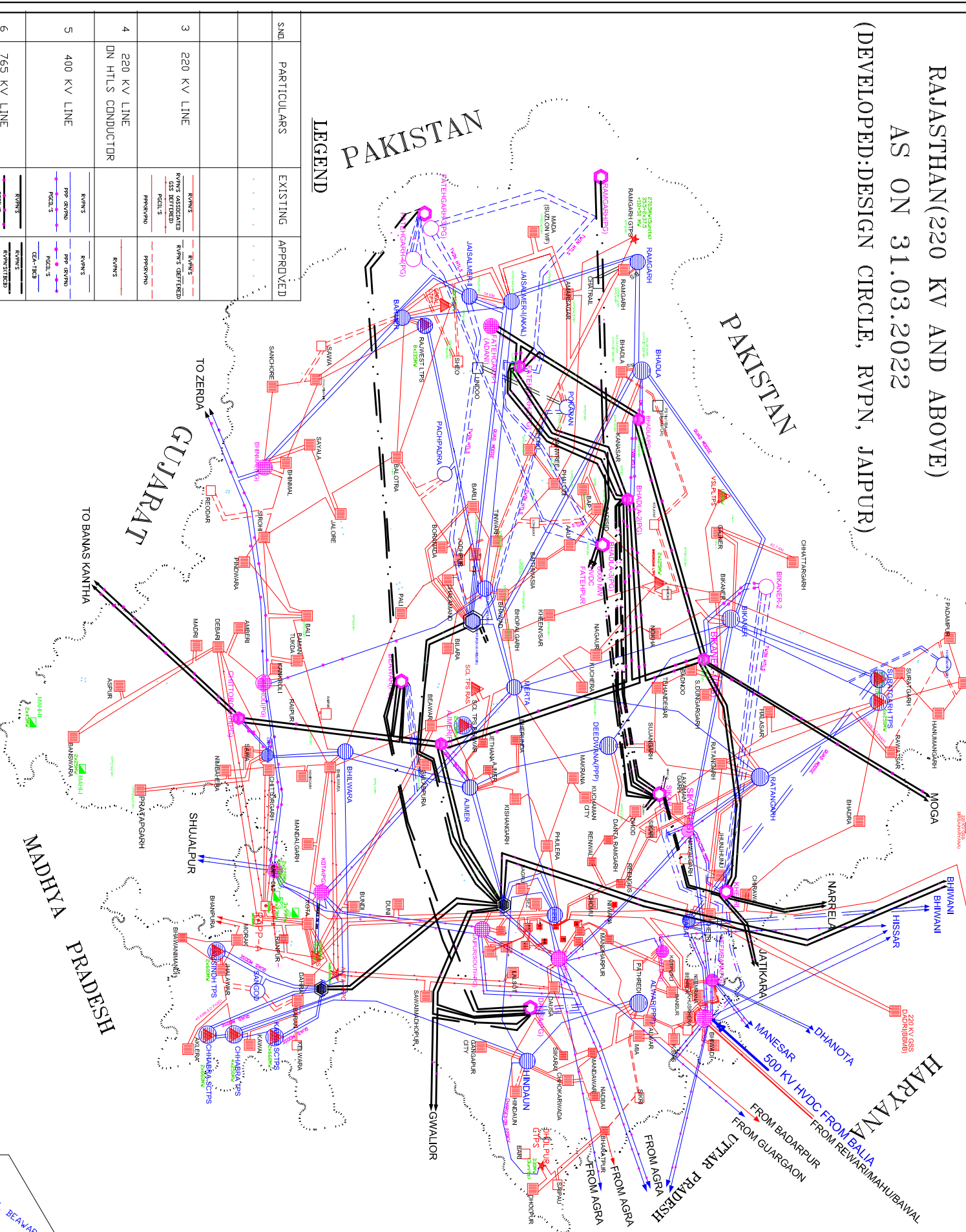
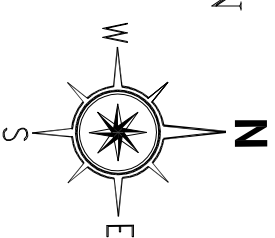


POWER MAP OF

RAJASTHAN(220 KV AND ABOVE)
AS ON 31.03.2022
(DEVELOPED: DESIGN CIRCLE, RVPN, JAIPUR)

RAJ. RAJYA VIDYUT PRASARAN NIGAM LTD. JAIPUR



Existing Grid Sub-Stations in Rajasthan as on 31.03.2022

Voltage Level	RVPN	PPP (RVPN)	TOTAL
765 kV	2	0	2
400 kV	16	2	18
220 kV	127	1	128
132 kV	452	15	467
Total	597	18	615

Under Construction Grid Sub-Stations in Rajasthan as on 31.03.2022

Voltage Level	RVPN	PPP (RVPN)	Total
765 kV	1	0	1
400 kV	2	1	3
220 kV	16	17	33
132 kV	43	0	43
Total	62	17	79

EXISTING EMV LINES as on 31.03.2022

Voltage Level	RVPN	PPP (RVPN)	Total
765 kV Lines (Ckt.kms.)	425.498	0	425.498
400 kV Lines (Ckt.kms.)	6899.386	943	7842.386
220 kV Lines (Ckt.kms.)	16142.409	72	16214.409
132 kV Lines (Ckt.kms.)	18559.85	442.6	19002.45
Total	42027.143	1457.6	43484.743

UNDER CONSTRUCTION EMV LINES as on 31.03.2022

Voltage Level	RVPN	PPP (RVPN)	Total
765 kV Lines (Ckt.kms.)	10	600	610
400 kV Lines (Ckt.kms.)	1361.00	40	1401
220 kV Lines (Ckt.kms.)	2154.00	60	2214.0
132 kV Lines (Ckt.kms.)	2151.00	0	2151.000
Total	5676.000	700	6376.000

SECTOR WISE INSTALLED GENERATION CAPACITY OF RAJASTHAN (As on 31.03.2022)

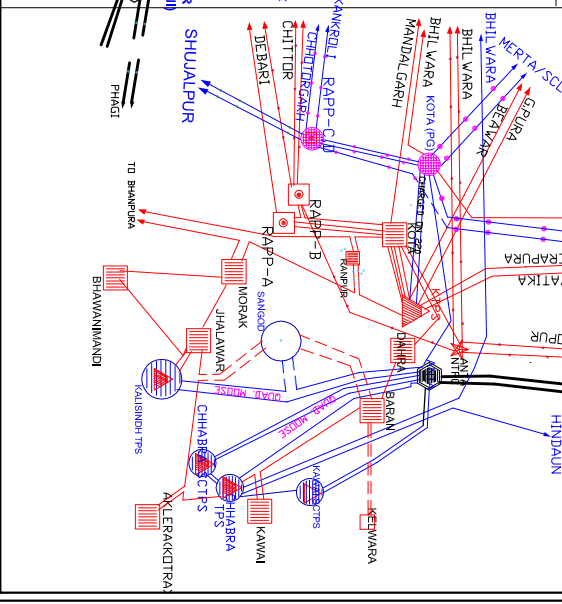
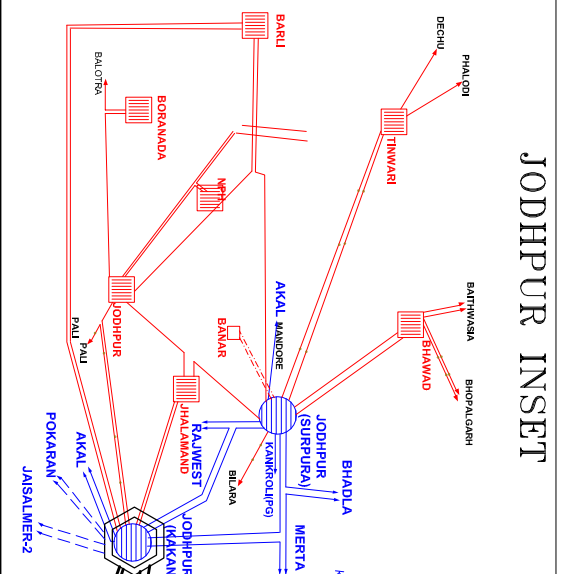
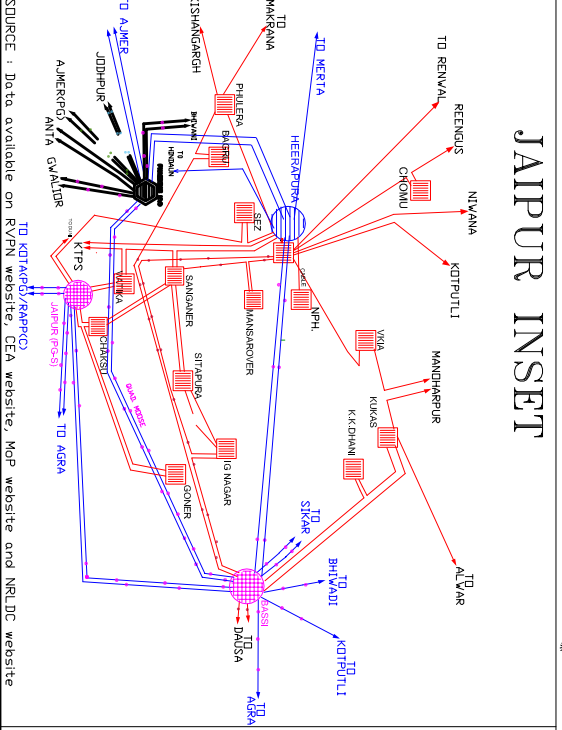
PARTICULARS	Installed capacity / Allocation to Rajasthan (MW)	%
RVJUN	8597.35	37%
Shared	853.44	4%
Central Sector	3365.91	14%
Private sector	3742.00	16%
NES	6883.65	29%
TOTAL	23452.35	100%

Source wise Installed Generation Capacity of Rajasthan (As on 31.03.2022)

Particulars	Capacity (MW)	%
A	Conventional	57%
Coal	13315.408	57%
Gas	824.60	4%
Nuclear	456.74	2%
Hydro	1901.954	8%
Total (A)	16558.702	70.66%
B	NES	16%
Wind	3734.10	16%
Biomass	101.95	0.44%
Solar	3028.10	12.97%
Total (B)	6874.15	29.34%
Total (A+B)	23432.85	

LEGEND

SNO	PARTICULARS	EXISTING	APPROVED
1	220 KV LINE	RVPNS RVPNS ASSOCIATED GSS BATTERED RVPNS RVPNS	RVPNS RVPNS ASSOCIATED RVPNS RVPNS
2	400 KV LINE	RVPNS RVPNS RVPNS RVPNS	RVPNS RVPNS RVPNS RVPNS
3	765 KV LINE	RVPNS RVPNS RVPNS RVPNS	RVPNS RVPNS RVPNS RVPNS
4	220 KV LINE DN HTLS CONDUCTOR	RVPNS	RVPNS
5	400 KV LINE	RVPNS RVPNS RVPNS RVPNS	RVPNS RVPNS RVPNS RVPNS
6	765 KV LINE	RVPNS RVPNS RVPNS RVPNS	RVPNS RVPNS RVPNS RVPNS
7			
8	220 KV G.S.S.	RVPNS RVPNS RVPNS RVPNS	RVPNS RVPNS RVPNS RVPNS
9	400 KV G.S.S.	RVPNS RVPNS RVPNS RVPNS	RVPNS RVPNS RVPNS RVPNS
10	765 KV G.S.S.	RVPNS RVPNS RVPNS RVPNS	RVPNS RVPNS RVPNS RVPNS
11	HYDPOWER HOUSE	RVPNS	RVPNS
12	TH. POWER HOUSE	RVPNS	RVPNS
13	GAS TH.POWER HOUSE	RVPNS	RVPNS
14	ATOMIC POWER STN	RVPNS	RVPNS



SOURCE : Data available on RVPN website, CEA website, MOP website and NRI.DC website