

SI No	Spares for Thyristors	Vizag
1.	Complete Thyristor module	1 set
2.	Thyristors of each type and rating	2% of total population
3.	Valve reactor module of each type and rating	2 nos.
4.	Snubber capacitors of each type	2% of total population
5.	Snubber resistors of each type	2% of total population
6.	Grading / section capacitors across Valve module & thyristors of each type	1% of total population
7.	Thyristor electronics (PCBs) of each type, Gatecards/TCU/TE as applicable	2% of total population
8.	Fiber optics with end termination for each function	1 set (longest Fiber optic length required from one phase valve (tower) to VBE room)
9.	Insulators of each type with fitments, hardware & accessories	2 Nos
10.	Corona Shield of each type with fitments , hardware & accessories	1 No
11.	Fitment hardware & accessories for 1module	1 set
12.	Hardware, connectors, fittings & accessories including insulators, GRP supports, Fibre trays for one tower (One double valve)	1 set
13.	Cooling tubes with coupling-each type	5% of Population or 2 sets, which ever is higher
14.	Clamps and connectors of each type	2 Sets
15.	Spare parts for Valve based electronics	10 % of total population or minimum 2no's
16.	Assembly accessories for surge arrestors of each type and rating	1 set
17.	Arrestor counter of each type	2 No.s
18.	Valve module lifting device including service platform with fitment & accessories	1 Set
19.	Thyristor test unit with accessories	2 Sets
20.	Set of tools to change Thyristors with all fitments and accessories	2 Sets
21.	Equipment for replacement of Thyristor module	1 Set
22.	Optical loss measuring kit with relevant accessories	1 Set