



INTEGRATED MANAGEMENT SYSTEM

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DEPENDABLE CAPACITY TEST (GENERATOR WISE)

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**Dependable Capacity test of.....
.....MW Power Generation Facility at.....
Date of the Test:.....
Calculation of Power Factor at generation end**

Time	Generator- 1		Generator-2		Generator-3		Generator-4		Generator-5		Generator-6		Generator-?		Generator-8	
	MWh	Mvarh	MWh	Mvarh	MWh	Mvarh	MWh	Mvarh	MWh	Mvarh	MWh	Mvarh	MWh	Mvarh	MWh	Mvarh
1 :00																
7:00																
Difference																
Power Factor																

Total MWh,P = 0
 Total Mvarh, Q= 0
 tan-l(Q/P) =

**Average Power Factor = cos {tan-
1(Q/P)}**

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