



QUALITY MANAGEMENT SYSTEM

Document No.: QF-P&D-04

Revision No.: 01

QUALITY FORM

Effective Date:

TITLE: TECHNICAL INFORMATION FOR LOAD CLEARANCE

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Basic Information:

1	File No:	
2	Name of Applicant:	

3. Address of Connection:

4. a) Existing Load KW b) Applied Load KW c) Total Load KW d) Amp in 11KV e) Probable time of connection

Source Detail:

1. Grid Sub-station:

Grid S/S	Capacity (MVA)	Allowable capacity(MW)	Maximum Demand(MW)	Growth rate	Time for connection	Probable maximum demand at the time of connection	Permissible Y/N

2. 33KV Source Line:

O/H-U/G	Cond./Cable Size	Capacity (Amp)	Peak Load (Amp)	Permissible Y/N

3. 33/11KV Transformer:

Name of S/S	Transformer Capacity (MW)	Allowable Capacity (MW)	Peak Load (MW)	Permissible Y/N

4. Substation/Switching Station 11KV BUS, breaker information:

Sl. No.	Item	Information	Remarks
1.	Incoming Cable Size (for switching station)		
2.	Incoming Cable Capacity (for switching station)(A)		
3.	Capacity of 11KV incoming breaker (A)		
4.	Maximum load of 11KV incoming breaker (A)		
5.	No. of feeder with the BUS		
6.	Capacity of 11KV BUS (A)		

5. 11KV Feeder:

1 Name of Feeder	2 CT Ratio	3 Capacity of Feeder	4 Peak Load of Feeder	5 Size of 11KV Cable	6 Distance from S/S to Applicants Address	7 Length of 11KV O/H line from cable point to applicant's nearest HT pole.			8 Calculated Voltage Drop (%)
						Merlin	DOG	Rabbit	

6. Power Factor Information of concern 11KV Feeder:

Monthly consumed unit		
KWH	KVARH	Monthly Av. Power Factor

7. Requirement of HT line extension	Yes	No

8. Requirement of RMU	Yes	No	Remarks

Recommendation: Please put (√) mark in appropriate position.

Permissible:	Yes:	No:	
Remarks:			


Asstt. Engineer/SDE (S/O)
S&D Division
Signature with date and seal

Executive Engineer
S&D Division
Signature with date and seal

SE
S&D Operation (-----Zone)
Signature with date and seal

Enclosed:

1. Single line diagram of concern 11KV feeder up to applicant's premises.
2. Location Map.
3. Single line diagram of concerned Sw/S & S/S.
4. Voltage drop calculation sheet.

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4. Comments of Asst: Engineer/SDE (System Planning)

Signature with date and Seal

5. Comments Executive Engineer (System Planning)

Signature with date and Seal

6. Comments of SE (P&D)

Signature with date and Seal

7. Comments of CE (P&D)

Signature with Seal

8. Approved by Executive Director (Engineering)

Signature with date and Seal

Standard Operating Procedure (SOP)

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Execution of Engineering Works

