



INTEGRATED MANAGEMENT SYSTEM

Document No.:
BPDB-IMS-FR-048

Revision No.: 00

Effective Date: 01-11-2021

Page 1 of 2

FUEL REQUIREMENT

GAS REQUIREMENTS (EXCLUDING DUAL FUEL) FOR THE PLANTS FOR

Date:

SI. No	Name of Power Station	Ownership	Commissioning Date	Capacity (Derated) (MW)	Energy Generation at 100% Plant Factor (Mkwh)	Average Heat Rate (net) Kcal/Kwh	Gas requirement (MMCFD)	Remarks
	PUBLIC SECTOR EXISTING							
	Sub Total for Public Sector existing							
	PRIVATE SECTOR EXISTING							
	Sub Total for Existing Private Sector							
	Total Existing (Public and Private)							
	PUBLIC SECTOR UPCOMING							
	Sub Total for Public Sector upcoming							
	Private Sector Upcoming							
	Sub Total for IPP Sector upcoming							
	Sub Total for Upcoming (Public and Private)							
	Grand Total (Existing and Upcoming) (Public& Private)							
	Grand Total considering overall Plant availability factor 0.80 (Public & Private)							

	Gas Requirement for existing power Plant (Public and Private)					
--	---	--	--	--	--	--

Prepared By		Approved By	
Reviewed By			



INTEGRATED MANAGEMENT SYSTEM

Document No.:
BPDB-IMS-FR-048

Revision No.: 00

Effective Date: 01-11-2021

Page 2 of 2

FUEL REQUIREMENT

	Additional Gas Requirements for Upcoming Power Plants(Public and Private)					
	Gas Based Retirement					
	Total (Public and Private) (Including Gas Based Retirement)					
	Grand Total considering overall Plant availability factor 0.90 (Public & Private)					
	Grand Total considering overall Plant availability factor 0.80 (Public & Private)					

Gas Requirement in Coming years (MMCFD) Excluding dual fuel Power Plants

Date:

SI. No	Description					
1	Existing Gas Based Generation (MW)					
2	Gas Requirement for Existing Power plants (MMCFD)					
3	Gas Based Generation Addition (MW)					
4	Gas Required for Generation Addition (MMCFD)					
5	Gas Based Generation Retirement (MW)					
6	Gas Based Total Generation (MW)					
7	Gas Required (MMCFD) Including Retirement					
8	Net Gas Requirement with considering Retirement & 90 % Plant Availability (MMCFD)					

Prepared By

Reviewed By

Approved By