

TABLE 13A – GAS SUPPLY DETAILS		
To be completed by Generation or Wholesaler (Generation) Licensee with gas-fired generation facility (with signature on every page)		
Description of Data Submission ():		
Name of Natural Gas Supplier		
Minimum contractual pressure	barg	psig
Maximum Daily Quantity (MDQ)	mmscf/day	bbtu/day
Daily Contractual Quantity (DCQ)	mmscf/day	bbtu/day
Target date for gas supply		

TABLE 13B – OFFTAKER’S METERING/ RECEIVING STATION DETAILS		
To be completed by Generation or Wholesaler (Generation) Licensee with gas-fired generation facility (with signature on every page)		
Please provide description on Offtaker Natural Gas Supply Scheme		
<i>(Brief description on the type of loads such as open-cycle gas turbines, combined-cycle plants or other plants that used natural gas in the installation.)</i>		
Description of Data Submission ():		
Total NG consumption used for electricity generation (if applicable)	Typical	Maximum
	bbtu/day	bbtu/day
Total NG consumption used for loads (if applicable)	mmscf/day	mmscf/day
	Typical	Maximum
Maximum allowable operating pressure	bbtu/day	bbtu/day
	mmscf/day	mmscf/day
Maximum Design Flow Limit	barg	psig
Flow limiter installed	mmscf/day	
To provide Piping and Instrumentation diagram (P&ID) of the natural gas metering/receiving station <i>(To indicate reference number of submission)</i>		

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TABLE 13C – DETAILS FOR EACH GENERATING UNIT				
To be completed by Generation or Wholesaler (Generation) Licensee with gas-fired generation facility (with initial and company stamp on every page)				
Description of Data Submission (): _____				
Name of GRF/GSF _____				
Type of Generating Unit _____				
Gas consumption		Typical		Maximum
Volume	mmscf/day	bbtu/day	mmscf/day	bbtu/day
Loading		MW		MW
Operating Pressure at Generating Unit Inlet		barg		psig
Low Pressure Trip Setting at Generating Unit Inlet		barg		psig
Pressure drop across metering/receiving station and GT inlet		barg		psig
Arrangement in % between natural gas suppliers if commingled during normal operation				
Gas source	Name of gas source		Arrangement in %	
Gas source 1				%
Gas source 2				%
Gas source x				%
Fuel Changeover Facility				
Diesel Fuel System				
Diesel fuel system start up time (to submit the schematic diagram of the diesel fuel system from diesel tank to generator unit)				
Gas to Diesel Fuel Changeover				
Ramp up rate		MW/min		
Normal Deloading		MW/min		
Fast Deloading		MW/min		
MW permissible for gas to diesel fuel changeover		MW		
Fuel Changeover time		min		
Diesel to Gas Fuel Changeover				
Ramp up rate		MW/min		
Normal Deloading		MW/min		
Fast Deloading		MW/min		
MW permissible for diesel to gas fuel changeover		MW		
Fuel Changeover time		min		
Gas to Gas Fuel Changeover				
Ramp up rate		MW/min		
Normal Deloading		MW/min		
Fast Deloading		MW/min		
MW permissible for gas to gas fuel changeover		MW		
Fuel Changeover time		min		

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TABLE 13D – COMPRESSOR DETAILS (if applicable)			
To be completed by Generation or Wholesaler (Generation) Licensee with gas-fired generation facility (with initial and company stamp on every page)			
Description of Data Submission ()::			
Name of offtakers/others (If others, please state)			
Tag Name			
Compressor Low Pressure Trip Setting		barg	psig
Compressor Type			
Generic (To indicate reference number of submission)			
• Adiabatic Efficiency		%	
Centrifugal (To indicate reference number of submission)			
• Centrifugal Performance Curve (CPID)			
Reciprocating (To indicate reference number of submission)			
• Centrifugal Performance Curve (CPID)			
• Adiabatic Efficiency		%	
• Valve Loss		ft-lbf/lbm	Nm/kg
Compressor Driver			
• Mechanical Efficiency		%	
• Auxiliary Load		hp	W
• Ambient Temperature		deg C	deg F
Hydraulic Constraint			
• Maximum Down Pressure		barg	psig
• Minimum Up Pressure		barg	psig
• Maximum Power		hp	W
• Compressor Ratio			
• Maximum Speed		rpm	
• Minimum Speed		rpm	
• Maximum Flow		mmscf/day	Sm ³ /hrr
Thermal Constraint			
• Maximum Down Temperature		deg C	deg F
• Minimum Down Temperature		deg C	deg F
Pressure drop across metering/receiving station and compressor		barg	psig
To provide Piping and Instrumentation diagram (P&ID) of the natural gas compressor station (To indicate reference number of submission)			

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TABLES 13E – DETAILS OF HEATERS/COOLERS		
To be completed by Generation or Wholesaler (Generation) Licensee with gas-fired generation facility and for each equipment (with initial and company stamp on every page)		
Description of Data Submission (): _____		
Name of ORF/pipeline/metering station/receiving station/others (If others, please state)		
Tag Name		
Hydraulic Constraints		
• Maximum Down Pressure	barg	psig
• Coefficient	psi ² /(mmscf/day) ²	
Thermal Constraints		
• Maximum Down Temperature	deg C	deg F
• Maximum Delta Temperature	deg C	deg F
• Maximum Duty	hp	W

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TABLE 13F – DETAILS OF VALVES	
To be completed by Generation or Wholesaler (Generation) Licensee with gas-fired generation facility and for each equipment (with initial and company stamp on every page)	
Description of Data Submission (): _____	
Name of ORF/pipeline/metering station/receiving station/others (If others, please state)	
Tag Name	
Valve Type	
Coefficient (CV)	
Valve Size	mm
Valve Operating Regime	
• During normal operation	
• During power supply failure	
Valve Operating Time	
• From full open to close	Sec
• From close to full open	Sec
Regulator (if applicable)	
• Upstream operating pressure range	barg psig
• Downstream operating pressure range	barg psig
• Maximum Flow	mmscf/day

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