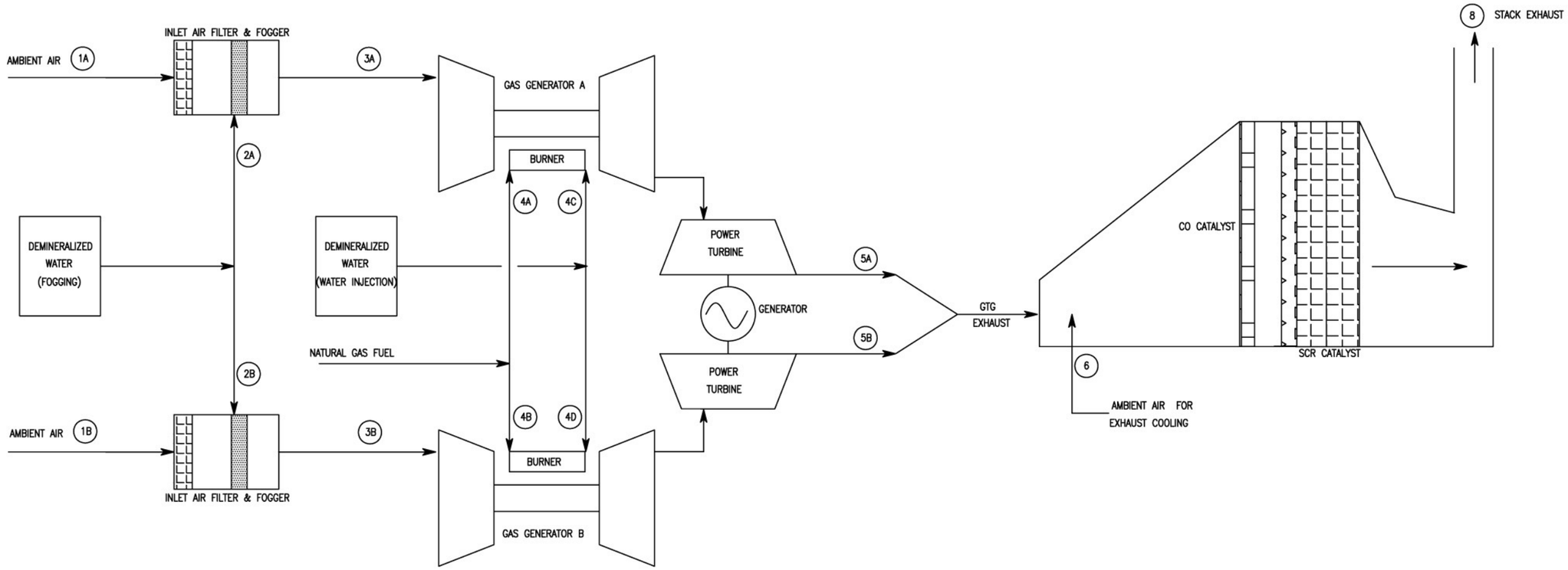
REV	DATE	DESCRIPTION	BY	APP
A	8/24/06	INITIAL ISSUE	RAR	DAT



CONDITIONS: ISO, 100% POWER, 410 FT ALTITUDE
GROSS POWER (PER UNIT): 60,020 KW
GROSS HEAT RATE (HHV): 10,357 BTU/KW-HR
GROSS HEAT INPUT (HHV)- PER GT: 310.8 MMBTU/HR

PARAMETER	UNITS	1A Intake Air Unit A	1B Intake Air Unit B	2A Fog Water Unit A	2B Fog Water Unit B	3A Inlet Air Unit A	3B Inlet Air Unit B	4A Gas Fuel Unit A	4B Gas Fuel Unit B	4C Water Inj Unit A	4D Water Inj Unit B	5A Exhaust Unit A	5B Exhaust Unit B	6 Cooling Air to Exh	8 Stack Exhaust
TEMP DB	DEG F	59	59			51.8	51.8					905	905	59	750
TEMP WB	DEG F	51.8	51.8			51.8	51.8							51.8	
PRESSURE	PSIA	14.48	14.48			14.69	14.69							14.69	14.69
FLOW	PPH	695,450	695,450	1,150	1,150	696,600	696,600	13,620	13,620	12,185	12,185	722,405	722,405	401,760	1,846,570

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STARWOOD POWER - MIDWAY, LLC PEAKING PROJECT

Figure 3.4-3

FT8-3
MASS/HEAT BALANCE

2006