

ΠΑΡΑΡΤΗΜΑ ΙΙΙ

Πληροφορίες κατασκευαστή αεριοστροβίλων σχετικά με την παροχή καυσασερίων

GENERAL ELECTRIC MODEL PG9171E Uprate GAS TURBINE

Estimated Performance - Configuration : DLN with Bleed Heating

Compressor Inlet Conditions 59F (15° C), 60% Relative Humidity

Atmospheric Pressure 14.7 psia (1.013bar)

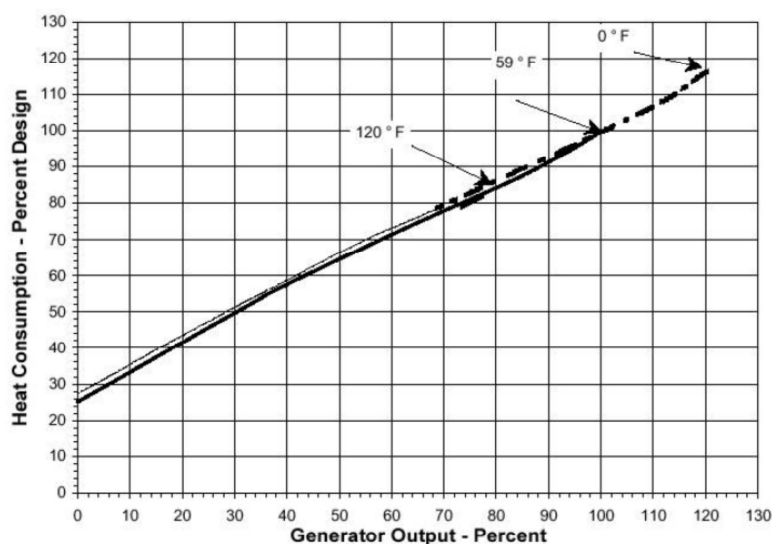
Fuel	NATURAL GAS	
Design Output	kW	125 400.
Design Heat Rate (LVH)	kJ/kWh	10 700.
Design Heat Cons (LVH)*10 ⁶	kJ/h	1 341.8
Design Exhaust Flow * 10 ³	kg/h	1504
Exhaust Temperature	° C	543
Mode	BASE LOAD	

Cycle Deck: IPS- Version Code - 3.1.0/29A0/2.2.8/PG9171-0801

Notes:

1. Altitude correction on curve 416HA662 Rev B
2. Ambient temperature correction on curve 544HA934-2 Rev 0
3. Effect on modulating IGV's on exhaust temperature and flow on curve 544HA934-3 Rev 0
4. Humidity effects on curve 498HA697 Rev B - all performance calculated with a constant specific humidity of .0064 or less so as not to exceed 100% relative humidity.
5. Plant Performances is measured at the generator terminals and includes allowances for the effects of excitation power, shaft driven auxiliaries, and 3.5in H2O inlet and 5in H2O exhaust pressure drops
6. Additional inlet and exhaust pressure loss effects:

	% Effect on		Effect on
	Output	Heat Rate	Exhaust Temp.
4 in Water (10.0 mbar) inlet	-1.45%	0.5%	2 °F (1.1 °C)
4 in Water (10.0 mbar) outlet	-0.4%	0.4%	2 °F (1.1 °C)



V.SICARD
19/12/01

Number 544HA934-1
Revision 0

