Gulfstream Natural Gas System, L.L.C.
Compressor Station 420 - Palmetto, FL
Existing / Proposed Potential to Emit

Summary of Criteria Air Pollutant Emissions [1]

Unit No.	Emissions Unit ID No.	Make / Model	HP	Design Heat Input MMBtu/hr	Maximum Operating Hours	Emissions (tons/year) NOx	VOC	CO	SO_2	PM_{10}
CMPR 1	001	Solar Mars 100-15000S Gas Turbine	17,250	126.3	8,760	36.52	5.70	37.10	0.52	3.65
CMPR 2	002	Solar Mars 100-15000S Gas Turbine	17,250	126.3	8,760	36.52	5.70	37.10	0.52	3.65
CMPR 3	To Be Assigned	***Proposed*** Solar Titan 130-20502S Gas Turbine	21,770	157.4	8,760	45.53	7.10	46.20	0.65	4.55
EMRG 1	----	Waukesha P48GL VGF Series Emergency Generator	1,175	8.24	500	1.85	0.68	1.25	< 0.01	< 0.01
EMRG 2	----	Waukesha P48GL VGF Series Emergency Generator	1,175	8.24	500	1.85	0.68	1.25	< 0.01	< 0.01
INSIG 1	----	Existing Olympian G35F35 Backup Generator	47	0.40	500	0.41	0.01	0.06	< 0.01	< 0.01
TANK 2	----	Used Oil / Water Storage Tank (4,200 Gal) - 10% Lube Oil / 90% Water Assumed			8,760		< 0.01			
TANK 1	----	Existing NG Condensate Liquids Transfer Tank (500 Gal)			8,760		0.67			
FUGS	----	Fugitives / Power Gas Venting / Blowdowns			8,760		3.15			
LDNG	----	Existing Condensate Truck Loading					< 0.01			
TOTAL EMISSIONS						**122.68**	**23.70**	**122.95**	**1.69**	**11.85**

[1] For unit emission rates (excluding INSIG 1, TANK 1, TANK 2, FUGS, and LDNG), see attached "Notes About Emission Calculations"
For Unit No. TANK 1, see attached "NG Condensate Liquids Flashing Emission Estimates" and "EPA Tanks 4.0.9d Software VOC Emission Estimates".
For Unit No. INSIG 1, see attached "Insignificant Source Inventory" and "Existing Backup Generator Criteria Pollutant Emissions Data".
For Unit No. TANK 2, see attached "Insignificant Source Inventory" and "EPA Tanks 4.0.9d Software VOC Emissions Estimates"
For Unit No. FUGS, see attached "Summary of Piping Component Fugitives" and "Power Gas Venting / Blowdown Emission Calculations".
For Unit No. LDNG, see attached "Condensate Liquid Loading Losses (PTE)".