



City of Denton, Texas

FY 2019-20 Denton Energy Center YTD January 2020 Dashboard

Emissions (Calendar Year)														
Description	January 2020					Description	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Volatile Organic Compound (VOC)	Particulate Matter<10 microns (PM ₁₀)	Particulate Matter<2.5 microns (PM _{2.5})	Sulphur Dioxide (SO ₂)	Ammonia (NH ₃)	Carbon Dioxide Equivalents (CO ₂ e)
	Engine Runtime (hours)	Hot Starts	Warm Starts	Cold Starts	Stops									
Engines (1-12)	279	76	5	159	240	DEC Monthly Emissions Total (tons)	1.19	1.19	0.69	0.34	0.34	0.01	0.04	1,361.00
						DEC Annual Permit Limit Operations (tons)*	29.78	93.52	48.16	69.72	69.72	1.45	60.90	
						Monthly Plant Emissions per DEC Permit Limit	4.01%	1.28%	1.43%	0.48%	0.48%	0.53%	0.07%	
						Annual to Date Plant Emissions per DEC Permit Limit	4.00%	1.30%	1.40%	0.50%	0.50%	0.60%	0.10%	

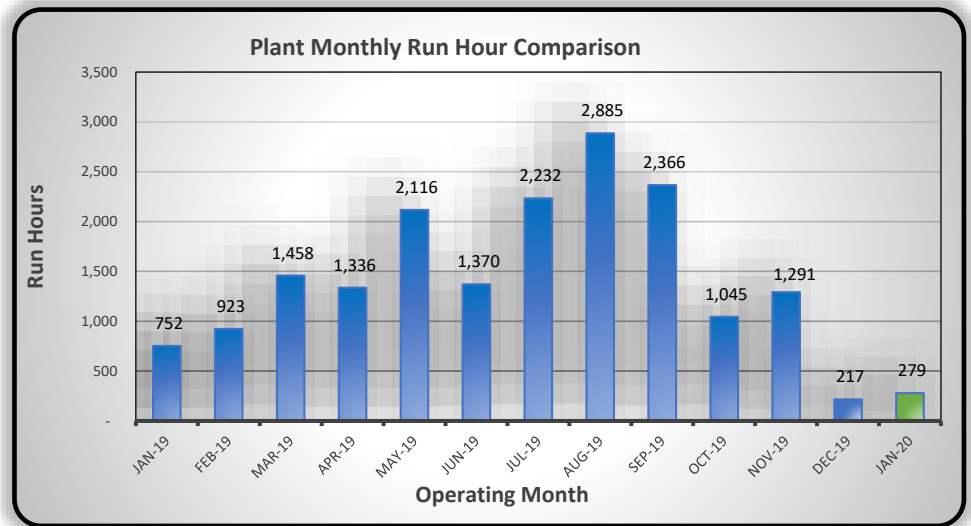
*Operations Annual Limit accounts for Balance of Plant standard emissions

Generation & Gross Revenues			
Month	Revenue	MWh	\$/MWh
Oct-19	\$2,043,727	16,344	\$125.04
Nov-19	\$1,152,356	16,168	\$71.27
Dec-19	\$126,950	2,159	\$58.80
Jan-20	\$239,366	2,671	\$89.62
Total FY 2019-20	\$3,562,399	37,342	\$95.40

	FY 2018-19 ACTUALS **	FY 2019-20 BUDGET	FY 2019-20 YTD	FY 2019-20 PROJECTION
DEC REVENUE*	\$ 4.56	\$ 25.07	\$ 3.56	\$ 25.07
EXPENDITURE SUMMARY				
Energy Expense - Fuel	\$ 1.98	\$ 12.48	\$ 0.94	\$ 12.48
Personal Services	0.52	2.22	0.58	2.22
Materials & Supplies	0.04	0.44	0.08	0.44
Maintenance & Repair	0.00	0.56	0.01	0.56
Insurance	0.00	0.50	0.01	0.50
Miscellaneous	0.00	-	-	-
Operations	0.07	0.48	0.07	0.48
Debt Service - Principal	1.19	7.47	2.45	7.47
Debt Service - Interest	0.84	9.80	3.31	9.80
Interfund Transfers	-	0.05	0.02	0.05
Transfer to Capital Projects	-	0.02	-	0.02
DEC EXPENDITURES	\$ 4.64	\$ 34.02	\$ 7.47	\$ 34.02
	\$ -	\$ -	\$ -	\$ -
DEC NET INCOME	\$ (0.08)	\$ (8.95)	\$ (3.91)	\$ (8.95)

*Preliminary, Unaudited Figures

**Represents same period (4 months) as FY 2019-20 YTD for comparison purposes. Total Net Income for FY 2018-19 was \$14.22 M.



Key Trends

For the first four months of FY 2019-20, the DEC produced 19,455 MWh less than the same period of FY 2018-19. This resulted in approximately \$1 Million less in revenues and \$2.8 Million more in total expenses for the same time period. This increase was due to the annual debt service payment increasing from \$10 M to \$18 M in FY 19-20. As of January 31, 2020, expenditures exceed revenues by \$3.91 Million which is expected for this period of the fiscal year.

Through January 2020 the DEC Gross Margin was \$2.6 Million which is \$1.8 Million higher than budgeted for the same period (Gross Margin = DEC Revenue – Fuel Cost – Variable Operating & Maintenance Cost). This is due to higher revenue in October and November than anticipated.

At this point in the fiscal year, FY 2019-20 year-end projections are equal to the FY 2019-20 budget.

Note: All dollar figures presented are in million of dollars.