



City of Denton, Texas

FY 2019-20 Denton Energy Center YTD May 2020 Dashboard

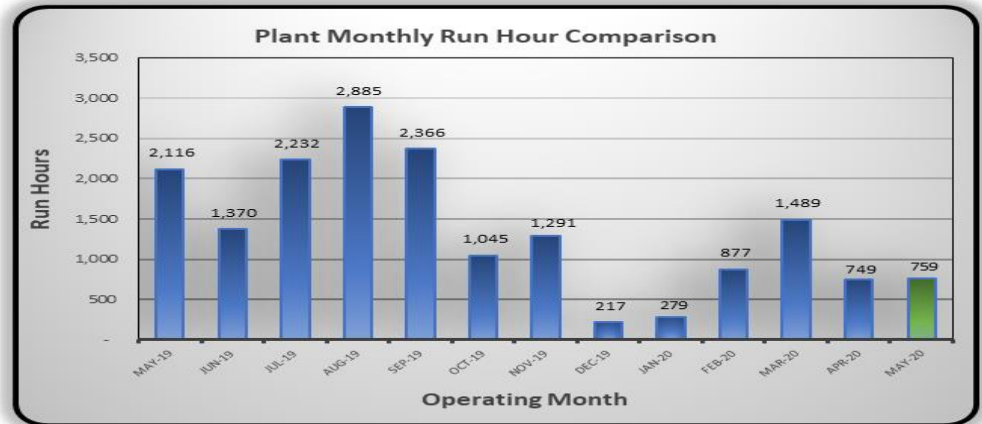
Emissions

Description	May 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)	759	82	68	134	284	DEC Monthly Emissions Total (tons)	1.33	1.27	0.86	0.57	0.57	0.01	0.11	4,167.00
						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	4.48%	1.35%	1.79%	0.82%	0.82%	0.78%	0.18%	
						Annual to Date Plant Emissions per DEC Permit Limit	24.70%	7.70%	10.30%	4.60%	4.60%	4.50%	1.00%	

* Over the past 12 months, the DEC engines ran 16% of the time. During the month of May, the DEC engines ran 9% of the time.

**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
Feb-20	\$676,548	9,466	\$71.47
Mar-20	\$1,561,657	18,209	\$85.76
Apr-20	\$889,878	8,765	\$101.52
May-20	\$502,279	8,125	\$61.82
Total FY 2019-20	\$7,192,761	81,907	\$87.82



	FY 2018-19	FY 2019-20	FY 2019-20	FY 2019-20
	YTD ACTUALS **	BUDGET	YTD	PROJECTION
DEC REVENUE*	\$ 8.31	\$ 25.07	\$ 7.19	\$ 25.07
EXPENDITURE SUMMARY				
Energy Expense - Fuel	\$ 3.25	\$ 12.48	\$ 1.87	\$ 11.00
Personnel Services	0.91	2.22	1.25	1.80
Materials & Supplies	0.11	0.44	0.24	0.39
Maintenance & Repair	0.09	0.56	0.06	0.56
Insurance	0.01	0.50	0.51	1.08
Operations	0.12	0.48	0.14	0.38
Debt Service - Principal	2.99	7.47	4.96	7.47
Debt Service - Interest	3.37	9.80	6.56	9.80
Interfund Transfers	0.00	0.05	0.03	0.05
Transfer to Capital Projects	-	0.02	-	0.02
DEC EXPENDITURES	\$ 10.85	\$ 34.02	\$ 15.62	\$ 32.55
	\$ -	\$ -	\$ -	\$ -
DEC NET INCOME	\$ (2.54)	\$ (8.95)	\$ (8.43)	\$ (7.48)

*Preliminary, Unaudited Figures

Income for FY 2018-19 was \$14.22 M.

Key Trends

For the first 8 months of FY 2019-20, the DEC produced 30,812 MWh less than the same period of FY 2018-19. This resulted in approximately \$1.1 Million less in revenues and \$4.8 Million more in total expenses for the same time period. This increase was due to the annual debt service payment increasing from \$10 Million to \$18 Million in FY 19-20. As of May 31, 2020, expenditures exceed revenues by \$8.43 Million which is expected for this period of the fiscal year. The FY 2019-20 Estimate includes a \$1.5 Million reduction in fuel cost based on fewer estimated run hours, and a \$420,000 reduction in Personnel Services is anticipated as a result of vacancies. The FY 2019-20 Estimate for Insurance has increased by \$580,218 as a result of an increase in the cost of DEC property insurance and the acquisition of outage insurance.

Through May 2020 the DEC Gross Margin was \$5.2 Million which is \$3.5 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 each month this fiscal year except December and January than anticipated.

Updates in the DEC Revenue and Energy Expenses for FY 2019-20 year-end projections show a \$(7.48) Million Net Income compared to the \$(8.95) Million Net Income shown in the FY 2019-20 budget.

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