



# City of Denton, Texas

## FY 2019-20 Denton Energy Center YTD February 2020 Dashboard

Emissions														
Description	February 2020					Description	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Volatile Organic Compound (VOC)	Particulate Matter<10 microns (PM <sub>10</sub> )	Particulate Matter<2.5 microns (PM <sub>2.5</sub> )	Sulphur Dioxide (SO <sub>2</sub> )	Ammonia (NH <sub>3</sub> )	Carbon Dioxide Equivalents (CO <sub>2e</sub> )
	Engine Runtime (hours)	Hot Starts	Warm Starts	Cold Starts	Stops									
Engines (1-12)	877	211	61	192	464	DEC Monthly Emissions Total (tons)	1.83	1.81	1.36	0.79	0.79	0.02	0.13	4,696.00
						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	6.15%	1.94%	2.83%	1.14%	1.14%	1.15%	0.21%	
						Annual to Date Plant Emissions per DEC Permit Limit	10.20%	3.20%	4.30%	1.60%	1.60%	1.70%	0.30%	

\*Operations Annual Limit accounts for Balance of Plant standard emissions

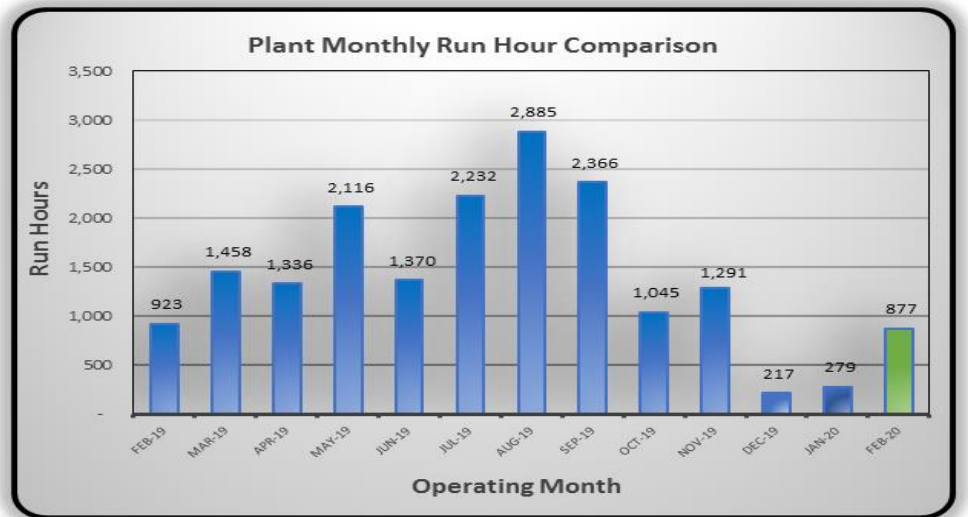
Generation & Gross Revenues			
Month	Revenue	MWh	\$/MWh
Oct-19	\$2,043,727	16,344	\$125.04
Nov-19	\$1,152,356	16,168	\$71.27
Dec-19	\$126,950	2,159	\$58.80
Jan-20	\$239,366	2,671	\$89.62
Feb-20	\$676,548	9,466	\$71.47
<b>Total FY 2019-20</b>	<b>\$4,238,947</b>	<b>46,808</b>	<b>\$90.56</b>

	FY 2018-19	FY 2019-20	FY 2019-20	FY 2019-20
	YTD ACTUALS **	BUDGET	YTD	PROJECTION
<b>DEC REVENUE*</b>	<b>\$ 5.36</b>	<b>\$ 25.07</b>	<b>\$ 4.24</b>	<b>\$ 32.09</b>
<b>EXPENDITURE SUMMARY</b>				
Energy Expense - Fuel	\$ 2.32	\$ 12.48	\$ 1.14	\$ 11.97
Personal Services	0.63	2.22	0.72	2.22
Materials & Supplies	0.10	0.44	0.13	0.44
Maintenance & Repair	0.04	0.56	0.01	0.56
Insurance	0.01	0.50	0.01	0.50
Miscellaneous	-	-	-	-
Operations	0.09	0.48	0.09	0.48
Debt Service - Principal	1.79	7.47	3.08	7.47
Debt Service - Interest	1.68	9.80	4.12	9.80
Interfund Transfers	-	0.05	0.02	0.05
Transfer to Capital Projects	-	0.02	-	0.02
<b>DEC EXPENDITURES</b>	<b>\$ 6.66</b>	<b>\$ 34.02</b>	<b>\$ 9.32</b>	<b>\$ 33.51</b>
	\$ -	\$ -	\$ -	\$ -
<b>DEC NET INCOME</b>	<b>\$ (1.30)</b>	<b>\$ (8.95)</b>	<b>\$ (5.08)</b>	<b>\$ (1.42)</b>

\*Preliminary, Unaudited Figures

\*\* Represents same period (5 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 five months of FY 2019-20, the DEC produced 21,499 MWh less than the same period of FY 2018-19. This resulted in approximately \$1.1 Million less in revenues and \$2.6 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 February 29, 2020, expenditures exceed revenues by \$5.1 Million which is expected for this period of the fiscal year.

Through February 2020 the DEC Gross Margin was \$3 Million which is \$2.1 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.

Updates in the DEC Revenue and Energy Expenses improved the FY 2019-20 year-end projections to show a \$(1.4) 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 million of dollars.