



City of Denton, Texas

FY 2018-19 Denton Energy Center YTD September 2019 Dashboard

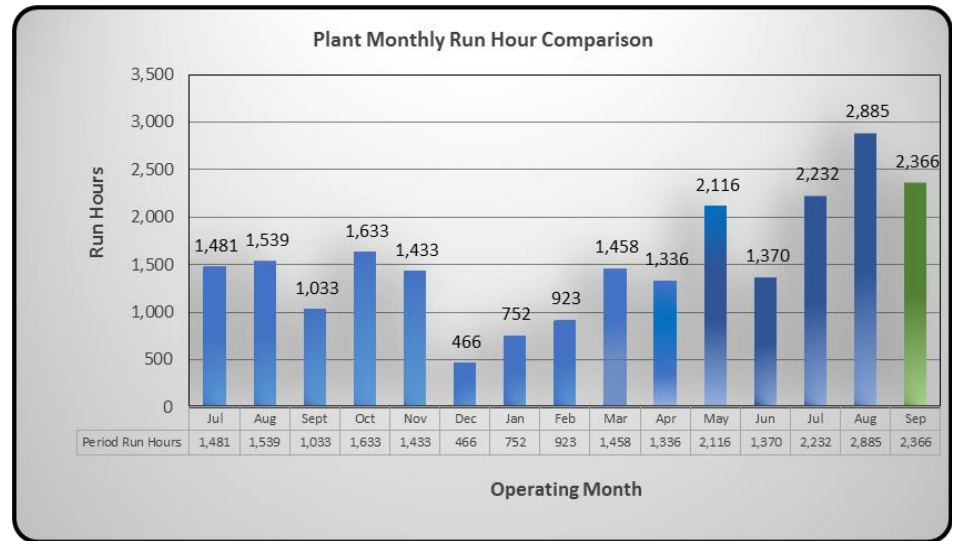
Emissions														
Description	September 2019					Description	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Volatile Organic Compound (VOC)	Particulate Mater<10 microns (PM ₁₀)	Particulate Mater<2.5 microns (PM _{2.5})	Sulphur Dioxide (SO ₂)	Ammonia (NH ₃)	Carbon Dioxide Equivalents (CO ₂ e)
	Engine Runtime (hours)	Hot Starts	Warm Starts	Cold Starts	Stops									
Engines (1-12)	2,366	219	243	71	533	DEC Monthly Emissions Total (tons)	1.91	1.74	1.75	1.48	1.48	0.03	0.36	18,024.00
						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	6.40%	1.86%	3.64%	2.13%	2.13%	1.83%	0.59%	
						Annual to Date Plant Emissions per DEC Permit Limit	48.50%	14.70%	23.80%	13.90%	13.90%	11.90%	3.70%	

*Operations Annual Limit accounts for Balance of Plant standard emissions

Generation & Gross Revenues			
Month	Revenue (In Millions)	MWh	\$/MWh
Oct-18	\$2.02	23,521	\$85.77
Nov-18	\$1.71	17,919	\$95.16
Dec-18	\$0.34	5,693	\$59.61
Jan-19	\$0.50	9,665	\$51.80
Feb-19	\$0.80	11,507	\$69.79
Mar-19	\$1.34	17,435	\$76.77
Apr-19	\$0.95	14,467	\$65.97
May-19	\$0.66	12,513	\$52.41
Jun-19	\$1.35	18,327	\$73.81
Jul-19	\$2.42	31,372	\$77.29
Aug-19	\$19.71	46,733	\$421.77
Sep-19	\$5.68	37,181	\$152.77
Total FY 18-19	\$37.48	246,333	\$152.16

	FY 2017-18	FY 2018-19	Year end Estimate @ 6/30/2019	FY 2018-19 PRELIMINARY ACTUALS
	ACTUALS	BUDGET		
DEC REVENUE*	\$ 11.88	\$ 36.30	\$ 29.40	\$ 37.48
EXPENDITURE SUMMARY				
Energy Expense - Fuel	\$ 2.17	\$ 14.97	\$ 14.71	\$ 6.95
Personal Services	0.91	1.87	1.85	1.67
Materials & Supplies	0.36	0.14	0.13	0.16
Maintenance & Repair	0.03	0.26	0.28	0.11
Insurance	0.44	0.45	0.49	0.49
Miscellaneous	-	-	0.01	-
Operations	0.14	0.82	0.81	0.21
Debt Service - Principal (2)	-	-	5.97	5.97
Debt Service - Interest (2)	-	4.45	7.58	7.58
Interfund Transfers	-	-	-	0.12
Transfer to Capital Projects (3)	0.30	0.01	0.01	-
DEC EXPENDITURES	\$ 4.35	\$ 22.97	\$ 31.84	\$ 23.26
CAPITAL CHARGE BACK (4)	\$ (0.92)	\$ -	\$ -	\$ -
DEC NET INCOME	\$ 8.45	\$ 13.33	\$ (2.44)	\$ 14.22

*Preliminary, Unaudited Figures



Key Trends

- (1) The fiscal year end DEC Gross Margin was \$30.3 Million which is \$8.9 Million higher than budgeted. (Gross Margin = DEC Revenue – Fuel cost – Variable Operating & Maintenance cost)
- (2) DEC Debt Service principal and interest payments will exceed budget by \$9.1M this year in adherence to bond requirements. The variation does not change total debt service paid over the life of the bond, but does increase the FY 2018-19 debt service payment.
- (3) Includes \$157,000 for rolling stock equipment and \$140,000 for the purchase of shelving/racks/equipment in FY 2017-18.
- (4) Capital Charge Back represents capitalized expenses during construction and startup. The charge back was charged FY 2017-18 during construction and startup.

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