

THE CITY OF PAINESVILLE, OHIO

UTILITIES DEPARTMENT
ELECTRIC DIVISION
MONTHLY REPORT FOR JULY 2012

(I) OVERVIEW:

During the month of July the electric system continued taking advantage of the lower market priced power. We used a combination of generation, purchased power and market purchases to supply our customer's needs. Our peak demand increased by 3.4% compared to July of last year.

(II) PROJECTS / ACTIVITIES :

The maintenance personnel in the generating plant completed the following:

- Started repairing & painting line shop pole trailer.
- Continued engineering a system for Net and Total generation readings for the plant.
- Continued installing new relays in the 15kv circuit breaker cabinets
- Continued inspecting, cleaning & testing all outside circuit breakers
- Continued assisting WPCP with welding projects
- Continued assisting Cemetery & Parks with their maintenance projects
- Completed removal & install of flooring in Electric Superintendent's office
- Completed replacement of 900lb feed pump discharge check valve
- Completed installation of the playground equipment at Huntington & State St

In the Distribution Section, the line crews:

- Installed & removed temporary power for Party in the Park.
- Started line extension for Extended Housing project at St Mary's
- Replaced poles for various reasons throughout the system
- Continued Program of deleting old transformers
- Continued E-2 line extension to Jackson St/Heisley Rd
- Continued removal of dead tree lawn trees
- Continued Thermal Testing of Circuits
- Completed refurbishing steel street light poles in Cedarbrook.
- Completed Woodworth Ave line upgrade and renewal

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(III) PROBLEMS/ OUTAGES:

July 3, 12:45pm	4906 Middle Ridge Rd, lightning hit the "A Phase", burned cutout & tripped recloser. Approximately 60 customers affected. Power restored by 2:05pm.
July 3, 9:00pm	H2, H8, Circuit 6 & Circuit 5 tripped due to strong storms. Approximately 4800 customers affected. All power repaired & restored by 7:00pm on July 4 th .
July 4, 3:00am	Car hit pole on N Ridge Rd, approximately 2000 customers out of service. Restored by 7:00am.
July 5, 6:30am	Townline Rd, tree on primary. Approximately 30 customers affected; service restored by 11:30am.
July 7, 1:30am	N Ridge Rd & Casement Ave, car hit pole; approximately 2000 customers affected; restored by 5:00am.
July 25, 4:30pm	Riverside Dr, tree on secondary pole. Approximately 300 customers out of service. Restored by 9:00pm.
July 25, 9:00pm	Hickory & Maple, bad underground; approximately 55 customers affected; restored by 10:00pm.
July 27, 6:30am	S Ridge Rd, Elberta Dr & Turney Rd; "C PHASE" blown due to possible lightning. Approximately 150 customers affected; restored by 8:00 am.
July 29, 1:30am	566 Hickory Ln; transformer fuse blown; "C Phase", underground bad. Approximately 30 customers affected; restored by 6:00 am.
July 30, 10:00pm	Southington Blvd; "A & B Phase" transformer blown; bad underground. Approximately 30 customers affected; restored by 12:45 am.

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(IV) GENERATION SUMMARY:

Gross Generation	10,281,800 KWH
Plant Use (-)	<u>-1,543,140 KWH</u>
Net Generation	8,738.660 KWH

2012 Peak Demand = 57,40000 KW at 3:00 PM on the 17th

2011 Peak Demand= 55,500 KW

(V) FUEL SUMMARY:

Coal Burned in #5 Boiler	4,338.32 Tons
Coal Burned in #4 Boiler	1,526.34 Tons
Coal Burned in #3 Boiler	0 Tons

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(IV) ENERGY SUMMARY:

Gross Generation	10,281,800 KWH
Plant Use (-)	<u>-1,543,140 KWH</u>
Net Generation	8,738,660 KWH
Amp Inc Power (+)	18,230,627 KWH
MISO Pool (+/-)	0 KWH
Sales by Amp Inc	(1,525,547) KWH
Gross Energy to System	25,443,740 KWH
Est. Line Losses (6%)	<u>1,526,624 KWH</u>
Net Energy to System	23,917,116 KWH

2012 Peak Demand = 57,400 KW at 3:00 PM on the 17th

2011 Peak Demand= 55,500 KW

(V) COST SUMMARY:

Purchased Power Cost	\$821,483.76
Fuel Cost	<u>\$399,659.51</u>
TOTAL	\$1,221,143.27

Respectfully Submitted,

Jeffrey McHugh
Electric Plant
Electric Power Superintendent

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