

THE CITY OF PAINESVILLE, OHIO

UTILITIES DEPARTMENT ELECTRIC DIVISION MONTHLY REPORT FOR AUGUST 2012

(I) OVERVIEW:

During the month of August 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 1.4% compared to August of last year.

(II) PROJECTS / ACTIVITIES :

The maintenance personnel in the generating plant completed the following:

- Started assembling new relays & switches in new First Energy Tie Breaker cabinet doors
- Installing new UPS circuit & Bitronic meter hub for SCADA communications
- Inspect & repair damaged receptacle on pole for Public Works tar trailer heater
- Repair Line Shop flat bed trailer
- Continued installing new relays in the 15kv circuit breaker cabinets
- Continued inspecting, cleaning & testing all outside circuit breakers
- Continued assisting WPCP & Cemetery & Parks with their maintenance projects
- Completed install of the new operating system compressor & motor in substation A-2 Breaker
- Completed repairs & paint to line shop pole dolly trailer
- Completed repairs to damaged phone line at the City Garage
- Completed inspection of #5 boiler Metal outlet stack
- Completed fabrication of 2 new coal feed pipe reducers for North & South Mills
- Completed annual OSHA crane inspections

In the Distribution Section, the line crews:

- Installed & removed temporary power for Art in the Park.
- Completed 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
- Installed temporary line in Millstone for contractors
- Installed line extension for Dollar General
- Repaired & Restored underground cable faults in Cedarbrook area.

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(III) PROBLEMS/ OUTAGES:

Aug. 5, 11:40 am	3929 Middle Ridge Rd, A & B phase fuses blown-limb on line. Approximately 100 customers affected. Power restored by 2:00 pm.
Aug. 10, 12:40 pm	644 Riverside Dr., A & B phase line fuses blown due to limb on line. Approximately 20 customers affected. Power restored by 1:00 pm.
Aug. 10, 4:00 pm	Wintergreen Hill, A phase wire down due to tree limb. Approximately 25 customers out of service. Repaired by 6:00 pm.
Aug. 12, 10:25 am	H6 circuit out, lightning arresters blown due to storm. 700 customers affected. Repaired by 12:00 am.
Aug. 12, 12:50 pm	Tropical Village, line fuses blown due to storm. Approximately 32 customers affected. Power restored by 2:30 pm.
Aug. 29, 9:45 am	Middle Ridge & Townline Rds, fuses blown, CEI line hitting our primary line. Approximately 70 customers out of service. Power restored by 11:10 am.

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(IV) GENERATION SUMMARY:

Gross Generation	3,516,073 KWH
Plant Use (-)	<u>-713,022 KWH</u>
Net Generation	2,803,051 KWH

2012 Peak Demand = 51,100 KW at 4:00 PM on the 3rd

2011 Peak Demand= 50,400 KW

(V) FUEL SUMMARY:

Coal Burned in #5 Boiler	2281.85 Tons
Coal Burned in #4 Boiler	0 Tons
Coal Burned in #3 Boiler	0Tons

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(IV) ENERGY SUMMARY:

Gross Generation	3,516,073 KWH
Plant Use (-)	<u>-713,022 KWH</u>
Net Generation	2,803,051 KWH
Amp Inc Power (+)	20,655,822 KWH
MISO Pool (+/-)	0 KWH
Sales by Amp Inc	(45,348) KWH
Gross Energy to System	23,413,525KWH
Est. Line Losses (6%)	<u>-1,404,812KWH</u>
Net Energy to System	22,008,714 KWH

2012 Peak Demand = 51,100 KW at 4:00 PM on the 3rd

2011 Peak Demand= 50,400 KW

(V) COST SUMMARY:

Purchased Power Cost	\$917,261.10
Fuel Cost	<u>\$158,916.74</u>
TOTAL	\$1,076,177.84

Respectfully Submitted,

Jeffrey McHugh
Electric Plant
Electric Power Superintendent