

THE CITY OF PAINESVILLE, OHIO

UTILITIES DEPARTMENT  
ELECTRIC DIVISION  
MONTHLY REPORT FOR JUNE 2012

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**(I) OVERVIEW:**

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During the month of June 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 5.5% compared to June of last year.

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**(II) PROJECTS / ACTIVITIES :**

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The maintenance personnel in the generating plant completed the following:

- 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 rebuilding all the quick opening blow down valves on #3 boiler
- Completed installing new boiler standby chemical circulating system on #5 boiler.
- Completed painting the upper section of the coal tube & transfer tower.
- Completed painting door stanchions, wood trim & man doors on pole barn.
- Completed review of all online training courses.

In the Distribution Section, the line crews:

- Started refurbishing steel street light poles in Cedarbrook.
- Started Woodworth Ave line upgrade and renewal
- Replaced poles for various reasons throughout the system
- Installed and removed temporary power for International Cuisine
- 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 installation of new 600 AMP service for IMAX
- Completed installation of new temp line to the new Shamrock Pump Station
- Completed testing of relays in substation and plant

**THE CITY OF PAINESVILLE, OHIO**  
**June 2012**

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**(III) PROBLEMS/ OUTAGES:**

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- June 21, Th., 4:30 pm    447 Liberty St a transformer fuse blew, the cause is unknown. Possible an overload, 200 customers affected. Power restored by 5:00 pm.
- June 21, Th., 6:30 pm    H6 circuit trip, transformer fuse blown, unknown cause. 800 customers out of service, all power restored by 11:00 pm.

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(IV) GENERATION SUMMARY:

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Gross Generation	7,397,300 KWH
Plant Use (-)	<u>-1,208,700 KWH</u>
Net Generation	6,188,600 KWH

2012 Peak Demand = 53,400 KW at 4:00 PM on the 20th

2011 Peak Demand= 50,600 KW

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(V) FUEL SUMMARY:

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Coal Burned in #5 Boiler	3237.11 Tons
Coal Burned in #4 Boiler	1,003.25 Tons
Coal Burned in #3 Boiler	0Tons

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**(IV) ENERGY SUMMARY:**

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Gross Generation	7,397,300 KWH
Plant Use (-)	<u>-1,208,700 KWH</u>
Net Generation	6,188,600 KWH
Amp Inc Power (+)	17,931,300 KWH
MISO Pool (+/-)	0 KWH
Sales by Amp Inc	(2,192,200) KWH
Gross Energy to System	21,927,700 KWH
Est. Line Losses (6%)	<u>1,315,700 KWH</u>
Net Energy to System	20,612,000 KWH

**2012** Peak Demand = 53,400 KW at 4:00 PM on the 20th

**2011** Peak Demand= 50,600 KW

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**(V) COST SUMMARY:**

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Purchased Power Cost	\$758,398.81
Fuel Cost	<u>\$285,110.00</u>
TOTAL	\$1,043,508.81

**Respectfully Submitted,**

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**Paul H. Morton**  
**Electric Plant**  
**Generation Supervisor**