

**THE CITY OF PAINESVILLE, OHIO**  
**UTILITIES DEPARTMENT**  
**ELECTRIC DIVISION**  
**MONTHLY REPORT FOR DECEMBER 2011**

---

**(I) OVERVIEW:**

---

The Electric Plant had a good month considering we had only one boiler and turbine on line and for only 66% of the time during the month. Even with the limited run time during the month the plant was able to generate 4,879,200 KWH. Due to the unusually warm temperatures during the month and the continued slow economy our peak demand during the month decreased by 10.6% compared to December of last year.

---

**(II) PROJECTS / ACTIVITIES :**

---

The maintenance personnel in the generating plant completed the following:

- Inspected and made repairs to the #3 precipitator.
- Continued sorting and organizing Light Plant drawings and files.
- Continued making and installing breaker cabinet labels in accordance with NFPA 70 regulations.
- Continued work on installing a new SCADA system to monitor the substation.
- Continued replacing aged window glazing in old boiler house windows.
- Started installing new water meters on all city water feeds to the plant.

In the Distribution Section, the line crews:

- Completed assisting with surveillance camera installation on the Sterling Ave parking lot.
- Installed line extension at 4119Ridge for new business.
- Removed a large tree from 641 North State Street.
- Replace 8 poles for various reasons throughout the system.
- Started UG cable installation in Heisley Park phase 15 (Spruce Lane).

**THE CITY OF PAINESVILLE, OHIO**  
**December 2011**

---

**(III) PROBLEMS/ OUTAGES:**

---

- Dec. 10, 1:40 PM      H-8 circuit tripped due to a squirrel on the transformer at Eckart; Approximately 1400 customers out of power; All service restored at 1:45 PM.
- Dec. 21, 5:30 AM      H-4 circuit tripped; based on the extent of damage it appears that lightning ran the line; Burned down two phases of primaries at W. Eagle and Newell and burned up a disconnect switch at the RR crossing on Newell St.; Approximately 1200 customers out of power; Circuit switched and all service restored at 8:45
- Dec. 21, 9:00 AM      Took #5 boiler and #7 T/G off line due to a tube leak; Kept off line thru the holidays due to low power prices.
- Dec. 27, 6:00 PM      Suspected tree limb on Turney Rd blew line fuse and tripped out recloser on So Ridge; Approximately 1200 customers out of power; Fuse replaced, recloser reset and all service restored by 10:00 .

THE CITY OF PAINESVILLE, OHIO

December 2011

---

(IV) GENERATION SUMMARY:

---

Gross Generation	4,879,200 KWH
Plant Use (-)	<u>-777,000 KWH</u>
Net Generation	4,102,200 KWH

Peak Demand = 38,000 KW at 8:00 PM on the 8<sup>th</sup>

---

(V) FUEL SUMMARY:

---

Coal Burned in #5 Boiler	13,066.81 Tons
Coal Burned in #4 Boiler	0 Tons
Coal Burned in #3 Boiler	0 Tons

Respectfully Submitted,



---

Thomas A. Green, PE  
Electric Power Supt.