



**Greenfield Power & Light**

333 South Franklin Street

Greenfield, Indiana 46140

Phone: (317) 477-4370

Fax: (317) 477-4371

**December 19, 2018**

**To: Greenfield Board of Works and Safety**

**Chuck Fewell, Mayor**

**Kelly McClarnon**

**Glenna Shelby**

**Larry Breese**

**Katherine Locke**

**From: Nelson Castrodale, Superintendent**

**Re: GREENFIELD POWER & LIGHT**

**I would like to bring to your attention that Jerry Dunn has completed his training period requirements per the U.S. Department of Labor's Bureau of Apprenticeship & Training Standards. I recommend Jerry Dunn be promoted to the next level of the Apprenticeship Program and receive the monetary compensation established by the Common Council of the City of Greenfield, effective December 29, 2018.**

<b>Jerry Dunn-</b>	<b>Apprentice Lineworker Class I</b>	<b>\$18.49</b>
	<b>Apprentice Lineworker Class II</b>	<b>\$20.01</b>



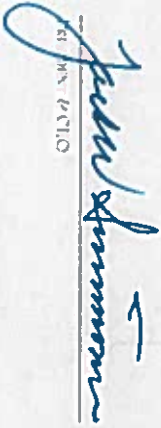
# Certificate of Completion

This certifies that

**Dunn, Jerry**

has successfully completed

**Lineman Apprenticeship Lab 1 Fundamentals**

  
Paul Johnson  
Director

8/10/2018



  
John Cook  
Director of Training

83971



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**Katherine Locke**

**From: Nelson Castrodale, Superintendent**

**Re: GREENFIELD POWER & LIGHT**

**I would like to bring to your attention that Jordan Osswald has completed his training period requirements per the U.S. Department of Labor's Bureau of Apprenticeship & Training Standards. I recommend Jordan Osswald be promoted to the next level of the Apprenticeship Program and receive the monetary compensation established by the Common Council of the City of Greenfield, effective December 29, 2018.**

<b>Jordan Osswald-</b>	<b>Apprentice Lineworker Class I</b>	<b>\$18.49</b>
	<b>Apprentice Lineworker Class II</b>	<b>\$20.01</b>





# Certificate of Completion

This certifies that

**Osswald, Jordan**  
has successfully completed

**Lineman Apprenticeship Lab 1 Fundamentals**

*Juan Johnson*  
INSTRUCTOR

**8/10/2018**



*John Cook*  
DIRECTOR OF TRAINING

895116



**Meter Department Report November, 2018**

**Table 1 Non-Scheduled Overtime vs Scheduled Overtime**

<b>Total Non-Payments</b>	<b>Reconnects After Hours</b>	<b>Percentage Comparison %</b>	<b>Overtime Hours</b>	<b>Non-Scheduled Overtime</b>	<b>Scheduled/Other Overtime</b>	<b>Non-Scheduled Overtime Percentage %</b>
<b>107</b>	<b>39</b>	<b>36%</b>	<b>23</b>	<b>23</b>	<b>0</b>	<b>100%</b>

**Table 2 Scheduled Overtime**

<b>Scheduled Overtime Hours</b>	<b>Overtime Explanation</b>



**Line Crew Department Report November 2018**

**Table 1 Non-Scheduled Overtime vs. Scheduled Overtime**

Total Overtime Hours	Non-Scheduled Overtime	Scheduled Overtime	Non-Scheduled Overtime Percentage %
80	80	0	100%

**Table 2 Causes for Non-Scheduled Overtime**

Equipment Failure	Weather Related	Fire Related Calls	Human/ Other
30	38	0	12

**Table 3 Scheduled Overtime**

Scheduled Overtime Hours	Overtime Explanation





# IMPA

INDIANA MUNICIPAL POWER AGENCY

*Nelson  
Review  
- Mike*

City of Greenfield  
PO Box 456  
Greenfield, IN 46140-0456

<b>Due Date:</b> 1/14/2019	<b>Amount Due:</b> \$ 1,928,911.71
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**Billing Period: November 1 to 30, 2018**

Invoice No: INV0009107  
Invoice Date: 12/14/2018

Summary of Charges	
Demand Charges:	\$ 1,169,903.97
Energy Charges:	\$ 759,007.74
Subtotal - Purchased Power Charges*:	<u>\$ 1,928,911.71</u>
Other Charges and Credits:	\$ -
<b>Net Amount Due:</b>	<b><u>\$ 1,928,911.71</u></b>

\*Average Purchased Power Cost: 6.92 cents per kWh

<b>Due Date:</b> 1/14/2019	<b>Amount Due:</b> \$ 1,928,911.71
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Please do not pay, payment to be made by auto debit.  
Questions, please call: 317-573-9955

Send ACH or Wire payments to:  
PNC Bank  
ABA# 071921891 (ACH) or ABA# 041000124 (Wire)  
Bank Account 4803452201

- OR -

Send checks to:  
Indiana Municipal Power Agency  
P.O. Box 772880  
Chicago, IL 60677-2880

Indiana Municipal Power Agency - Billing Detail  
 City of Greenfield  
 Billing Period: November 1 to 30, 2018

<b>Due Date:</b>	<b>Amount Due:</b>
1/14/2019	\$ 1,928,911.71

<b>Demand</b>						
<b>Demand Information</b>	<b>kW</b>	<b>kvar</b>	<b>Power Factor</b>	<b>Date</b>	<b>Time (EST)</b>	<b>Load Factor</b>
Maximum Demand:	50,845	6,315	99.24%	11/27/18	1900	76.15%
CP Billing Demand:	50,845	6,315	99.24%	11/27/18	1900	76.15%
kvar at 97% PF:		12,743				
Reactive Demand:						

<b>Demand Charges</b>	<b>Rate</b>	<b>Units</b>	<b>Charge</b>
Base Demand Charge:	\$ 23.614 / kW x	50,845	\$ 1,200,653.83
ECA Demand Charge:	\$ (0.939) / kW x	50,845	\$ (47,743.46)
Primary Voltage Charge - Less than 15 kV:	\$ 0.988 / kW x	17,200	\$ 16,993.60
<b>Total Demand Charges:</b>			<b>\$ 1,169,903.97</b>

<b>Energy</b>	
<b>Energy Information</b>	<b>kWh</b>
Greenfield Elmore #1 & 2:	7,564,619
Greenfield Hastings #1:	8,252,825
Greenfield Hastings #2:	3,334,915
Greenfield Riley #1:	4,971,481
Greenfield Riley #2:	3,580,387
Greenfield Solar:	174,845
<b>Total Energy:</b>	<b>27,879,072</b>

<b>Energy Charges</b>	<b>Rate</b>	<b>Units</b>	<b>Charge</b>
Base Energy Charge:	\$ 0.031875 / kWh x	27,879,072	\$ 888,645.42
ECA Energy Charge:	\$ (0.004650) / kWh x	27,879,072	\$ (129,637.68)
<b>Total Energy Charges:</b>			<b>\$ 759,007.74</b>

<b>Other Charges and Credits</b>	
<b>Other Charges and Credits</b>	
<b>Total Other Charges and Credits:</b>	<b>\$ -</b>

<b>History</b>			
	<b>Nov 2018</b>	<b>Nov 2017</b>	<b>2018 YTD</b>
Max Demand (kW):	50,845	47,073	71,124
CP Demand (kW):	50,845	46,324	71,020
Energy (kWh):	27,879,072	27,250,039	337,500,973
CP Load Factor:	76.15%	81.70%	
HDD/CDD (Indianapolis):	812/0	624/0	

\* Elmore: units adjusted by loss factors of 1.003 for demand & 1.002 for energy.  
 Hasting: units adjusted by loss factors of 1.004 for demand & 1.004 for energy.

**IMPA Delivery Point Details**

City of Greenfield  
Billing Period: November 1, 2018 to November 30, 2018

Delivery Point	Energy kWh	Individual Substation Maximum Demand				Demand at GREENFIELD's Maximum Peak on 11/27/18 at 1900 EST				Demand at IMPA's Coincident Peak on 11/27/18 at 1900 EST				
		Date & Time	Max kW	kvar at Max	kVA at Max	Power Factor	kW at Memb Max	kvar at Memb Max	kVA	Power Factor	CP kW	kvar at CP	kVA	Power Factor
<b>TOTAL</b>	<b>27,879,072</b>													
• Greenfield Elmore #1	4,781,151	11/27/18 at 1900 EST	9,085	808	9,121	99.61%	50,845	6,315	51,236	99.24%	50,845	6,315	51,236	99.24%
• Greenfield Elmore #2	2,783,468	11/28/18 at 1000 EST	5,502	332	5,512	99.82%	9,085	808	9,121	99.61%	9,085	808	9,121	99.61%
• Greenfield Hastings #1	8,252,825	11/20/18 at 1000 EST	15,036	3,427	15,422	97.50%	4,608	72	4,609	99.99%	4,608	72	4,609	99.99%
• Greenfield Hastings #2	3,334,915	11/28/18 at 0800 EST	6,665	1,070	6,750	98.74%	13,938	3,065	14,271	97.67%	13,938	3,065	14,271	97.67%
• Greenfield Riley #1	4,971,481	11/27/18 at 1900 EST	10,109	1,546	10,227	98.85%	6,014	809	6,068	99.11%	6,014	809	6,068	99.11%
• Greenfield Riley #2	3,580,387	11/27/18 at 1900 EST	7,094	-	7,094	100.00%	10,109	1,546	10,227	98.85%	10,109	1,546	10,227	98.85%
• Greenfield Solar	174,845	11/10/18 at 1100 EST	2,231	(154)	2,236	99.76%	7,094	-	7,094	100.00%	7,094	-	7,094	100.00%

• Meter Loss Adjustments

Delivery Point	Metered Units				Adjusted Units						
	Energy kWh	kW at Memb Max	kvar at Memb Max	CP kW	Demand Loss Adj.	Energy Loss Adj.	Energy kWh	kW at Memb Max	kvar at Memb Max	CP kW	kvar at CP
Greenfield Elmore #1	4,771,608	9,058	806	9,058	1.0030	1.0020	4,781,151	9,085	808	9,085	808
Greenfield Elmore #2	2,777,912	4,594	72	4,594	1.0030	1.0020	2,783,468	4,608	72	4,608	72
Greenfield Hastings #1	8,219,945	13,882	3,053	13,882	1.0040	1.0040	8,252,825	13,938	3,065	13,938	3,065
Greenfield Hastings #2	3,321,628	5,990	806	5,990	1.0040	1.0040	3,334,915	6,014	809	6,014	809