



Greenfield Power & Light

333 South Franklin Street

Greenfield, Indiana 46140

Phone: (317) 477-4370

Fax: (317) 477-4371

August 22, 2019

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 request that the following person be hired for full-time employment as an
Apprentice Lineman for Greenfield Power & Light with a start date of August 28,
2019.**

Blaine Bever- Apprentice Lineworker Class I

\$18.49



Line Crew Department Report July 1st – July 31st

Table 1 Non-Scheduled Overtime vs. Scheduled Overtime

Total Overtime Hours	Non-Scheduled Overtime	Scheduled Overtime	Non-Scheduled Overtime Percentage %
104	84	20	81%

Table 2 Causes For Non-Scheduled Overtime

Equipment Failure	Weather Related	Fire Related Calls	Human/ Other
20	52	0	12

Table 3 Scheduled Overtime

Scheduled Overtime Hours	Overtime Explanation
Avery	20



Meter Department Report July,2019

Table 1 Non-Scheduled Overtime vs Scheduled Overtime

Total Non-Payments	Reconnects After Hours	Percentage Comparison %	Overtime Hours	Non-Scheduled Overtime	Scheduled/Other Overtime	Non-Scheduled Overtime Percentage %
117	42	36%	23	23	0	100%

Table 2 Scheduled Overtime

Scheduled Overtime Hours	Overtime Explanation



IMPA
INDIANA MUNICIPAL POWER AGENCY

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

Due Date:	Amount Due:
9/13/2019	\$ 2,618,641.20

Billing Period: July 1 to 31, 2019

Invoice No: INV0009903
Invoice Date: 8/14/2019

Summary of Charges	
Demand Charges:	\$ 1,621,429.78
Energy Charges:	\$ 997,211.42
Subtotal - Purchased Power Charges*:	<u>\$ 2,618,641.20</u>
Other Charges and Credits:	\$ -
Net Amount Due:	<u>\$ 2,618,641.20</u>

*Average Purchased Power Cost: 7.16 cents per kWh

Due Date:	Amount Due:
9/13/2019	\$ 2,618,641.20

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: July 1 to 31, 2019

Due Date: 9/13/2019	Amount Due: \$ 2,618,641.20
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Demand						
Demand Information	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	71,726	19,467	96.51%	07/19/19	1500	68.53%
CP Billing Demand:	71,726	19,467	96.51%	07/19/19	1500	68.53%
kvar at 97% PF:		17,976				
Reactive Demand:		1,491				
Demand Charges	Rate	Units		Charge		
Base Demand Charge:	\$ 24.698 /kW x	71,726		\$ 1,771,488.75		
ECA Demand Charge:	\$ (2.450) /kW x	71,726		\$ (175,728.70)		
Primary Voltage Charge - Less than 15 kV:	\$ 0.974 /kW x	24,518		\$ 23,880.53		
Reactive Demand Charge:	\$ 1.200 /kvar x	1,491		\$ 1,789.20		
Total Demand Charges:				\$ 1,621,429.78		

Energy			
Energy Information	kWh		
Total Energy:	36,572,099		
Energy Charges	Rate	Units	Charge
Base Energy Charge:	\$ 0.030772 /kWh x	36,572,099	\$ 1,125,396.63
ECA Energy Charge:	\$ (0.003505) /kWh x	36,572,099	\$ (128,185.21)
Total Energy Charges:			\$ 997,211.42

Other Charges and Credits	
Other Charges and Credits	
Total Other Charges and Credits:	\$ -

History			
	Jul 2019	Jul 2018	2019 YTD
Max Demand (kW):	71,726	68,561	71,726
CP Demand (kW):	71,726	68,109	71,726
Energy (kWh):	36,572,099	33,880,293	212,999,539
CP Load Factor:	68.53%	66.86%	
HDD/CDD (Indianapolis):	0/408	0/377	

* 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: July 1, 2019 to July 31, 2019

Delivery Point	Energy kWh	Individual Substation Maximum Demand				Demand at GREENFIELD's Maximum Peak on 07/19/19 at 1500 EST				Demand at IMPA's Coincident Peak on 07/19/19 at 1500 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
TOTAL	36,572,099													
• Greenfield Elmore #1	7,047,779	07/18/19 at 1700 EST	14,472	3,929	14,996	96.51%	71,726	19,467	74,321	96.51%	71,726	19,467	74,321	96.51%
• Greenfield Elmore #2	2,964,426	07/18/19 at 1400 EST	5,734	1,632	5,962	96.18%	5,647	1,661	5,886	95.94%	5,647	1,661	5,886	95.94%
• Greenfield Hastings #1	9,723,811	07/17/19 at 1700 EST	17,349	4,713	17,978	96.50%	15,282	4,179	15,843	96.46%	15,282	4,179	15,843	96.46%
• Greenfield Hastings #2	4,677,302	07/18/19 at 1600 EST	10,077	3,817	10,776	93.52%	9,874	3,658	10,530	93.77%	9,874	3,658	10,530	93.77%
• Greenfield Riley #1	6,066,094	07/02/19 at 1700 EST	12,826	3,475	13,288	96.52%	12,576	3,802	13,138	95.72%	12,576	3,802	13,138	95.72%
• Greenfield Riley #2	5,436,427	07/19/19 at 1500 EST	11,942	2,314	12,164	98.17%	11,942	2,314	12,164	98.17%	11,942	2,314	12,164	98.17%
• Greenfield Solar	656,260	07/12/19 at 1900 EST	2,632	(181)	2,638	99.76%	2,106	(119)	2,109	99.84%	2,106	(119)	2,109	99.84%

*Meter Loss Adjustments

Delivery Point	Metered Units				Adjustment Factors				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	7,033,712	14,256	3,960	14,256	1.0030	1.0020	7,047,779	14,299	3,972	14,299	3,972	
Greenfield Elmore #2	2,958,509	5,630	1,656	5,630	1.0030	1.0020	2,964,426	5,647	1,661	5,647	1,661	
Greenfield Hastings #1	9,685,071	15,221	4,162	15,221	1.0040	1.0040	9,723,811	15,282	4,179	15,282	4,179	
Greenfield Hastings #2	4,658,667	9,835	3,643	9,835	1.0040	1.0040	4,677,302	9,874	3,658	9,874	3,658	