

GREENFIELD (INDIANA) MUNICIPAL ELECTRIC UTILITY

ENERGY COST ADJUSTMENT TRACKING FACTOR

2nd Quarter, 2019

IMPA Tracker No.

146

PROPOSED ECA FACTOR / KWH	(\$0.000688)
PREVIOUS ECA FACTOR / KWH	(\$0.000616)
CHANGE IN ECA / KWH	(\$0.000072)



GREENFIELD (INDIANA) MUNICIPAL ELECTRIC UTILITY

APPENDIX "A"

RATE ADJUSTMENT (Applicable to all metered rates)

The Rate Adjustment shall be on the basis of a Purchased Power Cost Adjustment Tracking Factor occasioned solely by changes in the cost of purchased power and energy, in accordance with the order of the Indiana Utility Regulatory Commission, approved May 2, 1984 in Cause No. 36835-S2 as follows:

Rate Adjustment applicable to all Rate Schedules:

\$ (0.000688) per kWh

Effective: 2nd Quarter, 2019

GREENFIELD (INDIANA) MUNICIPAL ELECTRIC UTILITY
 DETERMINATION OF THE RATE ADJUSTMENT FOR THE
 2nd Quarter, 2019

EXHIBIT I

LINE NO.	DESCRIPTION	APRIL (A)	MAY (B)	JUNE (C)	TOTAL (D)	ESTIMATED 3 MONTH AVERAGE (E)
	ESTIMATED PURCHASED POWER FROM IMPA					
1	DEMAND (KW)	44,397	57,409	68,039	169,845	56,615
2	ENERGY (KWH)	25,750,890	28,442,768	31,953,634	86,147,292	28,715,764
3	ESTIMATED SALES (KWH) (a)	25,130,036	27,757,013	31,183,232	84,070,281	28,023,427
	ESTIMATED TOTAL RATE ADJUSTMENT					
4	DEMAND (b)	\$ (15,849.73)	\$ (20,495.01)	\$ (24,289.92)	\$ (60,634.66)	\$ (20,211.55)
5	ENERGY (c)	1,081.54	1,194.60	1,342.05	3,618.19	1,206.06
6	TOTAL	\$ (14,768.19)	\$ (19,300.41)	\$ (22,947.87)	\$ (57,016.47)	\$ (19,005.49)
	<u>VARIANCE</u>					
7	VARIANCE IN RECONCILIATION PERIOD (d)				\$	11.84
7A	SPECIAL VARIANCE RECONCILIATION - SEE EXHIBIT V				\$	-
8	TOTAL ESTIMATED INCREMENTAL PURCHASED POWER COST (e)				\$	(18,993.65)
9	TOTAL ESTIMATED INCREMENTAL PURCHASED POWER COST PER KWH (f)					(\$0.000678)
10	TOTAL ESTIMATED INCREMENTAL PURCHASED POWER COST PER KWH ADJUSTED FOR I.U.R.T. (g)					(\$0.000688)
11	SEE EXHIBIT V - IF APPLICABLE					\$0.000000
12	TOTAL TRACKING FACTOR (i)					(\$0.000688)
(a)	Line 2 times (1 - current line loss factor) =					
(b)	Line 1 times Exhibit II, Line 5, Column A.					97.59%
(c)	Line 2 times Exhibit II, Line 5, Column B.					
(d)	Exhibit III, Line 7, Column E.					
(e)	Line 6 plus Line 7					
(f)	Line 8 divided by Line 3					
(g)	Line 9 divided by the Indiana Utility Receipt Tax Factor of					0.986
(h)	Tracking factor effective prior to January 27, 1983. This factor is zero if new rates have been					
(i)	filed and approved since January 27, 1983.					
	Line 10 plus Line 11					

GREENFIELD (INDIANA) MUNICIPAL ELECTRIC UTILITY
 DETERMINATION OF THE RATE ADJUSTMENT FOR THE
 2nd Quarter, 2019

EXHIBIT II

LINE NO.	DESCRIPTION	DEMAND (A)	ENERGY (B)
	<u>INCREMENTAL CHANGE IN BASE RATES</u>		
1	BASE RATE EFFECTIVE 01/01/2019 (a)	\$25.037	\$0.030772
2	BASE RATE EFFECTIVE 01/01/2018 (b)	\$22.944	\$0.027225
3	INCREMENTAL CHANGE IN BASE RATES (c)	\$2.093	\$0.003547
	<u>ENERGY COST ADJUSTMENT</u>		
4	ESTIMATED ENERGY COST ADJUSTMENT	(\$2.450)	(\$0.003505)
5	ESTIMATED TOTAL RATE ADJUSTMENT (d)	(\$0.357)	\$0.000042

- (a) IMPA rate, including voltage and area adjustments, effective for the period covered by this filing.
- (b) Base wholesale purchased power rate effective at the time of the member's last increase in base retail rates & charges.
- (c) Line 1 minus Line 2
- (d) Line 3 plus Line 4

GREENFIELD (INDIANA) MUNICIPAL ELECTRIC UTILITY
 DETERMINATION OF VARIANCE FOR THE
 4th Quarter, 2018

EXHIBIT III

LINE NO.	DESCRIPTION	OCTOBER (A)	NOVEMBER (B)	DECEMBER (C)	TOTAL (D)	3 MONTH AVERAGE (E)
1	TOTAL SALES SUBJECT TO RATE ADJ. (a)	31,693,567	27,344,754	26,413,258	85,451,579	28,483,860
2	INCREMENTAL COST BILLED BY IMPA (b)	\$485.11	\$404.40	\$403.27	\$1,292.78	\$430.93
3	INCREMENTAL COST BILLED BY MEMBER (c)	\$1,648.07	\$1,421.93	\$1,373.49	\$4,443.48	\$1,481.16
4	INC COST BILLED EXCLUDING I.U.R.T. (d)	\$1,624.99	\$1,402.02	\$1,354.26	\$4,381.27	\$1,460.42
5	PREVIOUS VARIANCE (e)	\$1,041.33	\$1,041.33	\$1,041.33	\$3,123.99	\$1,041.33
6	NET COST BILLED BY MEMBER (f)	\$583.66	\$360.69	\$312.93	\$1,257.28	\$419.09
7	PURCHASED POWER VARIANCE (g)	(\$98.55)	\$43.71	\$90.34	\$35.50	\$11.84
(a)	Exhibit IV, Line 3					
(b)	Exhibit IV, Line 14					
(c)	Line 1 times factor approved	10/1/2018	\$0.000052	\$0.000052	\$0.000052	
(d)	Line 3 times the Indiana Utility Receipt Tax Factor of		0.9860			
(e)	Exhibit I, Line 7 of factor approved	10/1/2018				
(f)	Line 4 minus Line 5					
(g)	Line 2 minus Line 6					

GREENFIELD (INDIANA) MUNICIPAL ELECTRIC UTILITY

EXHIBIT IV
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DETERMINATION OF VARIANCE FOR THE
4th Quarter, 2018

LINE NO.	DESCRIPTION	OCTOBER (A)	NOVEMBER (B)	DECEMBER (C)	TOTAL (D)	3 MONTH AVERAGE (E)
	<u>UNITS PURCHASED FROM IMPA</u>					
1	DEMAND (KW)	60,945	50,845	50,714	162,504	54,168
2	ENERGY (KWH)	28,824,776	27,879,072	28,431,206	85,135,054	28,378,351
	<u>TOTAL SALES BILLED BY MEMBER</u>					
3	TOTAL SALES SUBJECT TO RATE ADJ	31,693,567	27,344,754	26,413,258	85,451,579	28,483,860
4	TOTAL SALES NOT SUBJECT TO RATE ADJ	159,858	159,858	159,858	479,574	159,858
5	TOTAL SALES BILLED BY MEMBER	31,853,425	27,504,612	26,573,116	85,931,153	28,643,718
	<u>INCREMENTAL CHANGE IN BASE RATES</u>					
6	DEMAND CHARGE PER KW (a)	\$0.947	\$0.947	\$0.947		
7	ENERGY CHARGE PER KWH (b)	\$0.004650	\$0.004650	\$0.004650		
	<u>ACTUAL ENERGY COST ADJUSTMENT BILLED BY IMPA</u>					
8	DEMAND CHARGE PER KW (c)	(\$0.939)	(\$0.939)	(\$0.939)		
9	ENERGY CHARGE PER KWH (c)	(\$0.004650)	(\$0.004650)	(\$0.004650)		
	<u>TRACKING FACTOR IN EFFECT PRIOR TO IMPA</u>					
10	TRACKING FACTOR PER KWH IN EFFECT PRIOR TO JANUARY 27, 1983 (d)	\$0.000000	\$0.000000	\$0.000000		
	<u>TOTAL RATE ADJUSTMENT</u>					
11	DEMAND - PER KW (e)	\$0.008	\$0.008	\$0.008		
12	ENERGY - PER KWH (f)	\$0.000000	\$0.000000	\$0.000000		
13	TOTAL INCREMENTAL PURCHASED POWER COST BILLED BY IMPA (g)	\$487.56	\$406.76	\$405.71	\$1,300.03	\$433.34
14	TOTAL INCREMENTAL PURCHASED POWER COST SUBJECT TO RATE ADJUSTMENT	\$485.11	\$404.40	\$403.27	\$1,292.78	\$430.93

GREENFIELD (INDIANA) MUNICIPAL ELECTRIC UTILITY

DETERMINATION OF VARIANCE FOR THE
4th Quarter, 2018

	1/1/2018	OCTOBER	NOVEMBER	DECEMBER
(a) Exhibit II, Line 3, Column A, of factor approved on				
(b) Exhibit II, Line 3, Column B, of factor approved on				
(c) IMPA bills for the months of				
(d) Tracking Factor effective prior to January 27, 1983 or \$0 if general rate case after January 27, 1983.				
(e) Line 6 plus Line 8				
(f) Line 7 plus Line 9 plus Line 10				
(g) Line 11 times Line 1 plus Line 12 times Line 2				



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date: 12/14/2018	Amount Due: \$ 2,186,059.06
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Billing Period: October 1 to 31, 2018

Invoice No: INV0009001
Invoice Date: 11/14/2018

Summary of Charges	
Demand Charges:	\$ 1,401,304.53
Energy Charges:	\$ 784,754.53
Subtotal - Purchased Power Charges*:	\$ 2,186,059.06
Other Charges and Credits:	\$ -
Net Amount Due:	\$ 2,186,059.06

*Average Purchased Power Cost: 7.58 cents per kWh

Due Date: 12/14/2018	Amount Due: \$ 2,186,059.06
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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: October 1 to 31, 2018

Due Date: 12/14/2018	Amount Due: \$ 2,186,059.06
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Demand						
Demand Information	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	60,945	14,787	97.18%	10/08/18	1600	63.57%
CP Billing Demand:	60,945	14,787	97.18%	10/08/18	1600	63.57%
kvar at 97% PF:		15,274				
Reactive Demand:		-				
Demand Charges						
		Rate		Units		Charge
Base Demand Charge:	\$	23.614 / kW	x	60,945		\$ 1,439,155.23
ECA Demand Charge:	\$	(0.939) / kW	x	60,945		\$ (57,227.36)
Primary Voltage Charge - Less than 15 kV:	\$	0.988 / kW	x	19,612		\$ 19,376.66
Total Demand Charges:						\$ 1,401,304.53

Energy						
Energy Information	kWh					
Greenfield Elmore #1 & 2:	7,518,366					
Greenfield Hastings #1:	9,153,547					
Greenfield Hastings #2:	3,665,663					
Greenfield Riley #1:	4,575,166					
Greenfield Riley #2:	3,547,023					
Greenfield Solar:	365,011					
Total Energy:	28,824,776					
Energy Charges						
	Rate		Units		Charge	
Base Energy Charge:	\$	0.031875 / kWh	x	28,824,776		\$ 918,789.74
ECA Energy Charge:	\$	(0.004650) / kWh	x	28,824,776		\$ (134,035.21)
Total Energy Charges:						\$ 784,754.53

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

History			
	Oct 2018	Oct 2017	2018 YTD
Max Demand (kW):	60,945	55,121	71,124
CP Demand (kW):	60,945	54,480	71,020
Energy (kWh):	28,824,776	28,356,124	309,621,901
CP Load Factor:	63.57%	69.96%	
HDD/CDD (Indianapolis):	363/82	251/47	

* 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: October 1, 2018 to October 31, 2018

Delivery Point	Energy kWh	Individual Substation Maximum Demand			Demand at GREENFIELD's Maximum Peak on 10/08/18 at 1600 EST			Demand at IMPA's Coincident Peak on 10/08/18 at 1600 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	28,824,776													
* Greenfield Elmore #1	5,866,644	10/08/18 at 1500 EST	16,653	3,741	17,068	97.57%	60,945	14,787	62,713	97.18%	60,945	14,787	62,713	97.18%
* Greenfield Elmore #2	1,651,722	10/18/18 at 0900 EST	4,564	332	4,576	99.74%	16,596	3,568	16,975	97.77%	16,596	3,568	16,975	97.77%
* Greenfield Hastings #1	9,153,547	10/01/18 at 1200 EST	15,542	4,294	16,124	96.39%	14,819	4,193	15,401	96.22%	14,819	4,193	15,401	96.22%
* Greenfield Hastings #2	3,665,663	10/09/18 at 1600 EST	10,251	2,921	10,659	96.17%	7,893	1,909	8,121	97.20%	7,893	1,909	8,121	97.20%
* Greenfield Riley #1	4,575,166	10/08/18 at 1800 EST	11,251	3,437	11,764	95.64%	9,926	3,696	10,592	93.71%	9,926	3,696	10,592	93.71%
* Greenfield Riley #2	3,547,023	10/09/18 at 1700 EST	9,696	1,517	9,814	98.80%	9,686	1,536	9,807	98.77%	9,686	1,536	9,807	98.77%
* Greenfield Solar	365,011	10/11/18 at 1600 EST	2,479	(204)	2,487	99.66%	2,025	(115)	2,028	99.84%	2,025	(115)	2,028	99.84%

***Meter Loss Adjustments**

Delivery Point	Metered Units			Adjustment Factors			Adjusted Units			
	Energy kWh	kW at Memb Max	kvar at Memb Max	Demand Loss Adj.	Energy Loss Adj.	Energy kWh	kW at Memb Max	kvar at Memb Max	CP kW	kvar at CP
Greenfield Elmore #1	5,854,934	16,546	3,557	1.0030	1.0020	5,866,644	16,596	3,568	16,596	3,568
Greenfield Elmore #2	1,648,425	-	-	1.0030	1.0020	1,651,722	-	-	-	-
Greenfield Hastings #1	9,117,079	14,760	4,176	1.0040	1.0040	9,153,547	14,819	4,193	14,819	4,193
Greenfield Hastings #2	3,651,059	7,862	1,901	1.0040	1.0040	3,665,663	7,893	1,909	7,893	1,909



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date: 1/14/2019	Amount Due: \$ 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*:	\$ 1,928,911.71
Other Charges and Credits:	\$ -
Net Amount Due:	\$ 1,928,911.71

*Average Purchased Power Cost: 6.92 cents per kWh

Due Date: 1/14/2019	Amount Due: \$ 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

Due Date: 1/14/2019	Amount Due: \$ 1,928,911.71
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Demand						
Demand Information	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
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:		-				
Demand Charges						
		Rate		Units		Charge
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
Total Demand Charges:						\$ 1,169,903.97

Energy			
Energy Information	kWh		
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		
Total Energy:	27,879,072		
Energy Charges			
	Rate	Units	Charge
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)
Total Energy Charges:			\$ 759,007.74

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

History	Nov 2018	Nov 2017	2018 YTD
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
TOTAL	27,879,072													
* 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%
							(3)	15	15	19.61%	(3)	15	15	19.61%

***Meter Loss Adjustments**

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



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date: 2/14/2019	Amount Due: \$ 1,944,957.73
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Billing Period: December 1 to 31, 2018

Invoice No: INV0009205
Invoice Date: 1/15/2019

Summary of Charges	
Demand Charges:	\$ 1,170,918.15
Energy Charges:	\$ 774,039.58
Subtotal - Purchased Power Charges*:	\$ 1,944,957.73
Other Charges and Credits:	\$ -
Net Amount Due:	\$ 1,944,957.73

*Average Purchased Power Cost: 6.84 cents per kWh

Due Date: 2/14/2019	Amount Due: \$ 1,944,957.73
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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: December 1 to 31, 2018

Due Date:	Amount Due:
2/14/2019	\$ 1,944,957.73

Demand						
Demand Information	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	51,672	6,258	99.27%	12/10/18	1900	73.95%
CP Billing Demand:	50,714	6,274	99.24%	12/11/18	800	75.35%
kvar at 97% PF:		12,710				
Reactive Demand:		-				
Demand Charges						
	Rate		Units	Charge		
Base Demand Charge:	\$	23.614 / kW x	50,714	\$	1,197,560.40	
ECA Demand Charge:	\$	(0.939) / kW x	50,714	\$	(47,620.45)	
Primary Voltage Charge - Less than 15 kV:	\$	0.988 / kW x	21,233	\$	20,978.20	
Total Demand Charges:				\$	1,170,918.15	

Energy				
Energy Information	kWh			
Greenfield Elmore #1 & 2:	8,233,284			
Greenfield Hastings #1:	5,525,686			
Greenfield Hastings #2:	3,445,511			
Greenfield Riley #1:	5,338,083			
Greenfield Riley #2:	5,741,569			
Greenfield Solar:	147,073			
Total Energy:	28,431,206			
Energy Charges				
	Rate		Units	Charge
Base Energy Charge:	\$	0.031875 / kWh x	28,431,206	\$ 906,244.69
ECA Energy Charge:	\$	(0.004650) / kWh x	28,431,206	\$ (132,205.11)
Total Energy Charges:				\$ 774,039.58

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

History			
	Dec 2018	Dec 2017	2018 YTD
Max Demand (kW):	51,672	52,124	71,124
CP Demand (kW):	50,714	46,535	71,020
Energy (kWh):	28,431,206	29,939,683	365,932,179
CP Load Factor:	75.35%	86.48%	
HDD/CDD (Indianapolis):	883/0	1069/0	

* 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: December 1, 2018 to December 31, 2018

Delivery Point	Energy kWh	Individual Substation Maximum Demand			Demand at GREENFIELD'S Maximum Peak on 12/10/18 at 1900 EST			Demand at IMPA's Coincident Peak on 12/11/18 at 0800 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	28,431,206													
* Greenfield Elmore #1	5,252,344	12/10/18 at 2000 EST	9,201	853	9,240	99.57%	51,672	6,258	52,050	99.27%	50,714	6,274	51,101	99.24%
* Greenfield Elmore #2	2,980,940	12/10/18 at 1100 EST	5,604	404	5,619	99.74%	9,185	867	9,226	99.56%	8,319	808	8,358	99.53%
* Greenfield Hastings #1	5,525,686	12/11/18 at 1100 EST	17,205	4,511	17,787	96.73%	5,243	347	5,254	99.78%	4,622	58	4,622	99.99%
* Greenfield Hastings #2	3,445,511	12/19/18 at 1000 EST	16,684	4,106	17,182	97.10%	15,628	3,368	15,987	97.76%	16,540	3,730	16,955	97.55%
* Greenfield Riley #1	5,338,083	12/11/18 at 0800 EST	10,205	1,651	10,338	98.72%	-	-	-	-	-	-	-	-
* Greenfield Riley #2	5,741,569	12/10/18 at 2000 EST	11,597	-	11,597	100.00%	10,061	1,661	10,197	98.66%	10,205	1,651	10,338	98.72%
* Greenfield Solar	147,073	12/09/18 at 1500 EST	1,641	(132)	1,646	99.68%	11,558	-	11,558	100.00%	11,030	-	11,030	100.00%
							(3)	15	15	19.61%	(2)	27	27	7.39%

***Meter Loss Adjustments**

Delivery Point	Metered Units			Adjustment Factors			Adjusted Units			
	Energy kWh	kW at Memb Max	kvar at Memb Max	Demand Loss Adj.	Energy Loss Adj.	Energy kWh	kW at Memb Max	kvar at Memb Max	CP kW	kvar at CP
Greenfield Elmore #1	5,241,860	9,158	864	1.0030	1.0020	5,252,344	9,185	867	8,319	808
Greenfield Elmore #2	2,974,990	5,227	346	1.0030	1.0020	2,980,940	5,243	347	4,622	58
Greenfield Hastings #1	5,503,671	15,566	3,355	1.0040	1.0040	5,525,686	15,628	3,368	16,540	3,730
Greenfield Hastings #2	3,431,784	-	-	1.0040	1.0040	3,445,511	-	-	-	-