

# Fields Tree Service LLC

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1429 E Main Street Greenfield IN 46140 | 317-448-5120 | fieldstreeservice@gmail.com

**January 1, 2020**

Nelson Castrodale  
Superintendent  
Greenfield Power and Light  
333 South Franklin Street

**Dear Nelson Castrodale:**

This letter is to serve as Fields Tree Service intent to renew the tree trimming contract for 2020 and hold all pricing as listed in the current contract.

**Sincerely,**

**Eric Fields**  
**Owner- Fields Tree Service LLC**



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
07/22/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> WolfeRich Insurance Group 33 W. 10th Street Suite 802 Anderson IN 46016		<b>CONTACT NAME:</b> Shawnda A. Marshall <b>PHONE (A/C, No, Ext):</b> (765) 400-5594 <b>E-MAIL ADDRESS:</b> shawndam@wolferich.com <b>FAX (A/C, No):</b> (765) 393-1728	
		<b>INSURER(S) AFFORDING COVERAGE</b>	
		<b>INSURER A:</b> Midwest Family Mutual Ins Company	<b>NAIC #</b> 23574
<b>INSURED</b>			
Fields Tree Service, LLC 1429 E. Main Street  Greenfield IN 46140-9415		<b>INSURER B:</b>	
		<b>INSURER C:</b>	
		<b>INSURER D:</b>	
		<b>INSURER E:</b>	
		<b>INSURER F:</b>	


**COVERAGES**                      **CERTIFICATE NUMBER:** 19 MASTER COI                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			CPIN0560115730	07/28/2019	07/28/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			CPIN0560115730	07/28/2019	07/28/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist \$ 1,000,000
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE  DED    RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE    OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Leased/Rented Equipment			CPIN0560115730	07/28/2019	07/28/2020	Limit \$50,000 Deductible \$1,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The Following applies when required by written agreement: General Liability Additional Insured, Primary & Non-Contributory per form MFMAC009 (01/15) and General Liability Waiver of Subrogation per form MFMAC010 (01/16); Auto Liability Additional Insured, Primary & Non-contributory per form MFML1 (04/05); Waiver of Subrogation per form MFM ML2 (04/05).

<b>CERTIFICATE HOLDER</b>	<b>CANCELLATION</b>
City of Greenfield, Indiana 10 South State Street  Greenfield IN 46140-2364	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 

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## Greenfield Power & Light Right of Way Tree Maintenance 2019 Year End Report

In 2019, the majority of the overhead lines within the GP&L distribution system had been maintained as part of the vegetation right-of-way program. There were 455 tree and brush units cleared manually as part of the routine unit maintenance and 67 completed on the time and material hot spot work. Specialized mowing equipment was used for clearing 43.5 spans of right-of-way, while herbicide was used to control 48.25 spans. Tree Growth Regulator was also applied to 104 trees in previously cleared map areas of the system.

*Below is a chart showing the breakdown of the RP&L tree trimming budget through 2019.*

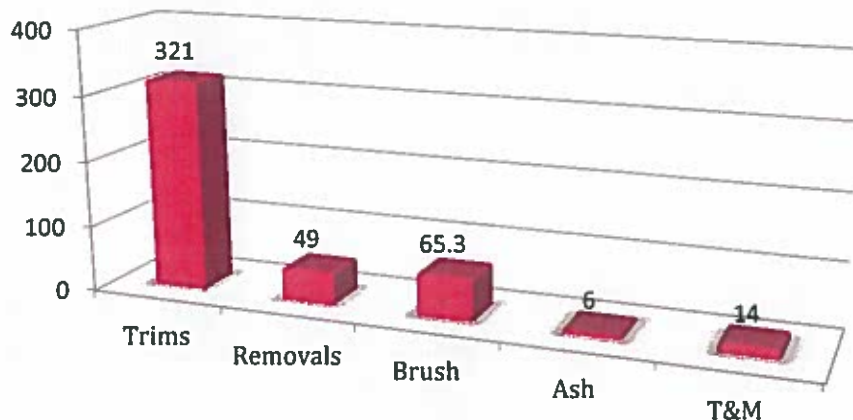
Category	Budgeted	Actual YTD	% Used
<b>Total Unit Maintenance</b>	\$37,000	\$37,710	102%
<b>T&amp;M Hotspot</b>	\$17,000	\$17,300	102%
<b>Other T&amp;M</b>	\$0	\$0	0%
<b>Specialized Equipment</b>	\$19,000	\$18,988	100%
<b>Herbicide</b>	\$12,000	\$12,395	103%
<b>TGR</b>	\$8,000	\$8,212	103%
<b>Total Budget Amount:</b>	<b>\$93,000</b>	<b>\$94,604</b>	<b>102%</b>

### Total Unit Maintenance

Over the past year, the portions of the power lines that were maintained and cleared of utility incompatible vegetation from the rights-of-way had a total cost of \$37,710. There were 421 total tree and brush units cleared with an average cost of \$75.35. The average cost without the ash burden would've been \$67.46, or a \$7.89 decrease per unit.

*The chart below is a visual representation of the comparison of the routine unit work for 2019.*

### Comparison of Routine Units



### T&M Hotspot Work

In the past year, additional time & material work was completed outside the normal routine work per landowner and utility department requests. There were 67 tree and brush units addressed, with some being hazardous or storm damaged trees. This was a total cost of \$17,300, or 13.9% of the total budget.

### Specialized Equipment

In 2019, specialized mowing equipment was utilized to clear 43.5 pole spans of overhead line within the system for an expense of \$18,988 or for an average cost of \$436 per span. It is estimated that there are at least 15 tree and brush units per span cleared, making the average cost per unit just over \$29.

### Herbicide

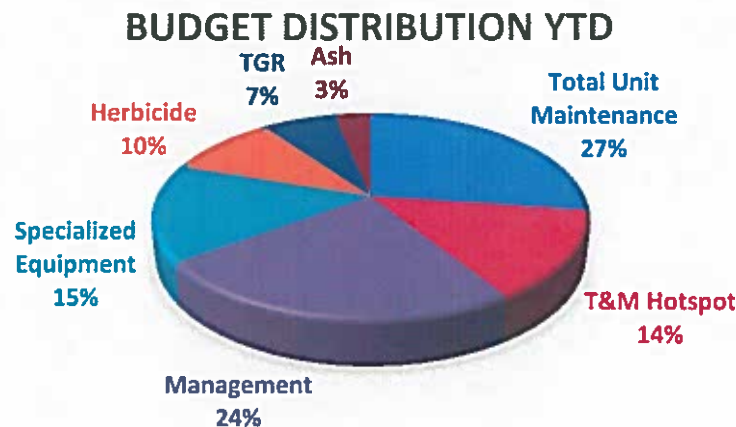
In 2019, a low volume selective herbicide was applied to areas throughout the system. The majority of the locations were areas with small re-growth, areas mechanically cleared from previous years, and all substations. A total of about 8.16 acres, or 108 spans, were treated for a total of cost of \$12,395.

### Tree Growth Regulator

In 2019, 104 trees were treated with a tree growth regulator. TGR's help control cost by reducing new growth over a three-year period. Implementing this tool can reduce time and material work and lengthen the effective trimming cycle. Of the total trees trimmed, about 35% were treated.

### Overall Budget

*The chart below represents how the budget was utilized during 2019.*



### 2020 Forecast

The focus in 2020 will be the continued maintaining and clearing neighborhoods within and around the city as needed. With the completion of the last trimming cycle along with the targeted use of herbicide control over the last few years, the mechanical mowing budget is expected to decrease in 2020. To continue to maximize the past cycles' accomplishments, the herbicide and tree growth regulator applications will see a continued, steady use in 2020. Lastly, the monitoring of dead or dying ash and any storm damaged trees will continue throughout the system in an effort to minimize the time spent outside of routine maintenance.

Patrick McCann  
Area Manager / Utility Arborist  
Plant Growth Management Systems  
(765) 580-8315



**Meter Department Report Year End 2019**

**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>1161</b>	<b>490</b>	<b>42%</b>	<b>325</b>	<b>297</b>	<b>28</b>	<b>91%</b>

**Table 2 Scheduled Overtime**

<b>Scheduled Overtime Hours</b>	<b>Overtime Explanation</b>
<b>8</b>	<b>Anthony Harlow worked heavy trash pickup in April</b>
<b>20</b>	<b>Anthony Harlow worked Riley Days in October</b>



**Line Crew Department Report December 1st – December 31st**

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

Total Overtime Hours	Non-Scheduled Overtime	Scheduled Overtime	Non-Scheduled Overtime Percentage %
60	32	28	53%

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

Equipment Failure	Weather Related	Fire Related Calls	Human/ Other
8	14	0	10

**Table 3 Scheduled Overtime**

Scheduled Overtime Hours	Overtime Explanation
I.A.F.	28



# IMPA

INDIANA MUNICIPAL POWER AGENCY

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

<b>Due Date:</b>	<b>Amount Due:</b>
2/13/2020	\$ 1,977,681.43

**Billing Period: December 1 to 31, 2019**

Invoice No: INV0010384  
 Invoice Date: 1/14/2020

**Summary of Charges**

Demand Charges:	\$ 1,207,238.31
Energy Charges:	\$ 774,640.44
Subtotal - Purchased Power Charges*:	\$ 1,981,878.75
Other Charges and Credits:	\$ (4,197.32)
<b>Net Amount Due:</b>	<b>\$ 1,977,681.43</b>

\*Average Purchased Power Cost: 6.98 cents per kWh

<b>Due Date:</b>	<b>Amount Due:</b>
2/13/2020	\$ 1,977,681.43

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

<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:	53,498	7,244	99.10%	12/19/19	800	71.38%
CP Billing Demand:	53,498	7,244	99.10%	12/19/19	800	71.38%
kvar at 97% PF:		13,408				
Reactive Demand						

<b>Demand Charges</b>	<b>Rate</b>	<b>Units</b>	<b>Charge</b>
Base Demand Charge:	\$ 24.698 / kW x	53,498	\$ 1,321,293.60
ECA Demand Charge:	\$ (2.450) / kW x	53,498	\$ (131,070.10)
Primary Voltage Charge - Less than 15 kV:	\$ 0.974 / kW x	17,469	\$ 17,014.81
<b>Total Demand Charges:</b>			<b>\$ 1,207,238.31</b>

<b>Energy</b>			
<b>Energy Information</b>	<b>kWh</b>		
Total Energy:	28,409,449		

<b>Energy Charges</b>	<b>Rate</b>	<b>Units</b>	<b>Charge</b>
Base Energy Charge:	\$ 0.030772 / kWh x	28,409,449	\$ 874,215.56
ECA Energy Charge:	\$ (0.003505) / kWh x	28,409,449	\$ (99,575.12)
<b>Total Energy Charges:</b>			<b>\$ 774,640.44</b>

<b>Other Charges and Credits</b>	
<b>Other Charges and Credits</b>	
Econ. Dev. Rider - Qualifying Customer: BWI Indiana Inc.	\$ (4,197.32)
<b>Total Other Charges and Credits:</b>	<b>\$ (4,197.32)</b>

<b>History</b>			
	<b>Dec 2019</b>	<b>Dec 2018</b>	<b>2019 YTD</b>
Max Demand (kW):	53,498	51,672	71,726
CP Demand (kW):	53,498	50,714	71,726
Energy (kWh):	28,409,449	28,431,206	365,112,743
CP Load Factor:	71.38%	75.35%	
HDD/CDD (Indianapolis)	865/0	883/0	

\* 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