

# **Cumberland Fire District**

**Cynthia Ouellette, District 3**  
***Chair***

**Robert Archambault, District 1**  
***Commissioner***  
**Dana Jones, District 4**  
***Commissioner***  
**Paul Santoro, At Large**  
***Commissioner***

**Timothy Hogan, District 2**  
***Vice Chairman***  
**Vincent Picone, District 5**  
***Commissioner***  
**James Scullin, At Large**  
***Commissioner***

## **AMENDED**

### **Agenda**

#### **Regular Meeting of the Cumberland Fire District**

**Tuesday, October 23, 2018 @ 7:00 pm**

**Cumberland Town Hall, Everett "Moe" Bonner Jr. Town Council Chambers**

**45 Broad St, Cumberland, RI**

1. CALL TO ORDER AND ROLL CALL
2. MOMENT OF SILENCE AND PLEDGE OF ALLEGIANCE
3. DISCUSSION OF REORGANIZATION OF TAX COLLECTIONS OFFICE
4. EXECUTIVE SESSION - VOTE TO GO INTO EXECUTIVE SESSION TO DISCUSS ITEMS OF BUSINESS CITED IN R.I.G.L. SECTION 42-46-5 (a) (1-9)
  - A. Discussion of personnel matters, specifically job performance. R.I.G.L. § 45-46-5(a)(1). The person to be discussed has been notified in advance of the meeting.
  - B. Discussion of a grievance filed pursuant to a collective bargaining agreement. R.I.G.L. § 45-46-5(a)(9).
5. CONSENT AGENDA
  - A. Approval of Minutes from 09.27.2018 Meeting
6. COMMUNICATIONS
7. OLD BUSINESS
8. NEW BUSINESS
  - A. Chief's Report
    - a. September 2018
  - B. Finance Report
    - a. September 2018

- C. FC-R-2018-27-A – Authorizing the Business Manager to pay to National Grid the sum of \$646.54 per month for 60 months, and an additional \$16,291.00 lump sum for the LED Lighting Energy Efficiency Project for all Stations
- D. FC-R-2018-28 – Authorizing the Business Manager to pay S&D Road Service an amount not to exceed \$5,352.03.

9. GENERAL ANNOUNCEMENTS

10. PUBLIC INPUT

11. ADJOURNMENT

This meeting location is accessible to the handicapped. Individuals requiring interpreter services for the hearing impaired or need additional information should notify Headquarters at (401) 658-0544 no less than 48 hours before the meeting.

Posted:                      SOS Web Site  
                                 Cumberland Town Hall (45 Broad Street)  
                                 Cumberland Fire Department HQ  
                                 (3502 Mendon Road)  
                                 Posted a minimum of 48 hours prior to meeting

1                                   **PROPOSED MINUTES**  
2                                   **OF THE MEETING OF THE**  
3                                   **CUMBERLAND FIRE DISTRICT**

4  
5                                   **September 27, 2018**

6  
7                                   **7:00 PM**

8  
9                                   **CUMBERLAND TOWN HALL**  
10                                  **EVERETT "MOE" BONNER, JR.**  
11                                  **TOWN COUNCIL CHAMBERS**  
12                                  **45 BROAD STREET**  
13                                  **CUMBERLAND, RI 02864**  
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15                   **1. CALL TO ORDER AND ROLL CALL**

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17                   The meeting was called to order at 7:00 p.m. by Chairperson Ouellette.

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19                   Present were Commissioners Archambault, Santoro, Jones, Hogan, Picone,  
20                   Scullin, and Chairperson Ouellette.

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22                   Also present were Solicitor Morris, Chief Finlay, and Finance Director, Diane  
23                   Karolyshyn.

24                   **2. MOMENT OF SILENCE AND PLEDGE OF ALLEGIANCE**

25                   Chairperson Ouellette dedicates the Moment of Silence to firefighter Chris  
26                   Borges.

27                   **3. GENERAL ANNOUNCEMENTS**

28                   Commissioner Scullin makes comments regarding the Finance Director  
29                   and the overall direction of the tax office. Discussion ensues between the  
30                   Board members.

31                   Commissioner Scullin asks that the matter regarding the status of the Tax  
32                   Collector's position be put on the Agenda for the next meeting.

33                   Chief Finlay mentions the flu shot clinic being sponsored by Walgreens to  
34                   be held on October 3, 2018 at Station 2 at 4 p.m.

35                   **4. CONSENT AGENDA**

36                   A. Approval of Minutes from August 28, 2018 Meeting.

37 Motion to accept the Minutes from the August 28, 2018 Meeting is  
38 made by Commissioner Santoro; seconded by Commissioner Jones.  
39 Commissioner Scullin recuses, as he was not at that meeting. Vote  
40 was taken: passes 6-0 with 1 abstain.

41 B. Approval of Minutes from September 6, 2018 Special Meeting.

42 Motion to accept the Minutes from the Special Meeting of September  
43 6, 2018 is made by Commissioner Archambault; seconded by  
44 Commissioner Santoro. Commissioner Hogan recuses, as he was not  
45 at that meeting. No discussion. Vote was taken: passes 6-0 with 1  
46 abstain.

47 **5. COMMUNICATIONS**

48 A. Discussion of Rhode Island State Firefighters Memorial.

49 Chief Finlay gives a brief history regarding the Rhode Island State  
50 Firefighters Memorial, its groundbreaking ceremony and future fund-  
51 raisers.

52 **6. OLD BUSINESS**

53  
54 There was no old business.

55 **7. NEW BUSINESS**

56 A. Chief's Report:

57 a. August 2018

58 Chief Finlay gives an overview of the Valley Falls Rail Yard drill to  
59 be held in October 3, 2018. Chief Finlay also mentions the Safer  
60 Grant. The Chief mentions the RISE program and the notice that  
61 was received from National Grid. Chief Finlay mentions the wake  
62 and funeral of firefighter Chris Borges.

63 Commissioner Santoro asks the Chief a question regarding the  
64 current injured-on duty status. The Chief responds that there is 1  
65 firefighter on long term disability and 1 out for a short term.

66 Commissioner Santoro asks Chairperson Ouellette to contact the  
67 Deputy Director of the rescue service to discuss reimbursements.

68 Motion to accept the Chief's Report is made by Commissioner  
69 Jones; seconded by Commissioner Santoro. No discussion. Vote  
70 was taken; passes 7-0.

71 B. Finance Reports:



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a. July 2018- Revised

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Finance Director Karolyshyn explains the revisions of the July 2018 Finance Report. Finance Director Karolyshyn mentions the delinquencies, the 2<sup>nd</sup> quarter due date, and the future tax sale proceedings. Commissioner Santoro asks a question regarding personnel salary and the amount saved due to the lost employee. Finance Director Karolyshyn explains the reorganization of the tax office.

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Motion to accept the July 2018 Finance Report was made by Commissioner Santoro; seconded Commissioner Archambault. No further discussion. Vote was taken; passes 6-1 with Commissioner Scullin voting nay.

84

b. August 2018

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Commissioner Santoro asks the Finance Director a question regarding an account at Webster Bank. Motion to accept the August 2018 Finance Report was made by Commissioner Santoro; seconded by Commissioner Picone. No further discussion. Vote was taken; passes 6-1 with Commissioner Scullin voting nay.

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Commissioner Santoro asks a question regarding motor vehicle tax refunds. The Finance Director states that we do not collect motor vehicle taxes and explains the line item to which Commissioner Santoro is referring.

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C. FC-R-2018-25 Authorizing the Finance Director to abate and/or adjust \$868.58 for the months of June, July and August 2018 is read by Chairperson Ouellette.

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Motion to approve Resolution FC-R-2018-25 is made by Commissioner Archambault; seconded by Commissioner Jones. Discussion ensues. Vote was taken; passes 7-0.

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D. FC-R-2018-26 Authorizing the Business Manager to pay C&S Specialty Repair an amount not to exceed \$3,446.23 is read by Chairperson Ouellette.

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Motion to approve Resolution FC-R-2018-26 is made by Commissioner Scullin; seconded by Commissioner Jones. Discussion ensues regarding different vendors. Vote was taken; passes 7-0.

109 E. FC-R-2018-27 Authorizing the Fire Chief to manage the LED Lighting  
110 Energy Efficiency Project for all Stations with RISE Engineering and  
111 National Grid is read by Chairperson Ouellette.

112 Solicitor Morris asks the Chief a question regarding this Resolution.

113 Commissioner Santoro mentions that \$20,000.00 has been saved by  
114 the lost employee and asks if \$16,000.00 be used to pay for the LED  
115 project. Commissioner Hogan states that the Resolution should be  
116 tabled until the funding can be addressed at the next meeting. Solicitor  
117 Morris states that a budget amendment is needed and they both can  
118 be done at the same time. The Finance Director states that a budget  
119 amendment will need budget hearings. Further discussion ensues.

120 Motion to table Resolution FC-R-2018-27 is made by Commissioner  
121 Jones. Discussion ensues. Commissioner Santoro makes comments  
122 that were not heard clearly. Further discussion ensues regarding  
123 movement of money. The Solicitor states that she needs direction  
124 from the Board regarding this issue. Commissioner Jones again  
125 makes a Motion to table Resolution FC-R-2018-27; Commissioner  
126 Archambault seconds the Motion to table Resolution FC-R-2018-27.  
127 Discussion ensues. Vote was taken; passes 7-1.

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## 129 **8. PUBLIC INPUT**

130 Finance Director Karolyshyn responds to Commissioner Scullin's remarks.  
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## 132 **9. ADJOURNMENT**

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134 Motion to adjourn is made by Commissioner Santoro; seconded by  
135 Commissioner Scullin. Vote was taken. Motion to adjourn passes  
136 7-0.  
137  
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Kenneth A. Finlay  
Chief of Department  
kfinlay@cumberlandfire.org

# CUMBERLAND FIRE DISTRICT

Headquarters Station Four  
3502 Mendon Road • Cumberland, RI 02864  
Phone: 401-658-0544 Fax: 401-658-2198  
www.cumberlandfire.org

## CHIEFS REPORT FOR SEPTEMBER 2018

Board of Commissioners  
Cumberland Fire District  
October 18, 2018

### Board Members:

Attached are the monthly reports of activity for the month of September 2018. The run report shows 428 response calls for the month and are broken down by category.

All businesses in the Town have been inspected for their annual liquor or food licenses, as well as checking all contact information and Knox box keys and access.

The Chairwoman and I have met with the Town representatives on the moving or upgrading the fire alarm box receiving console in the new dispatch center. We were asked for some specifics on a different vendor, which we are obtaining. This would require all the businesses to purchase new radio boxes, which doesn't seem financially prudent at this time. Mr. Stansfield, the Chief of Staff, has been integral in moving this forward.

The construction on Diamond Hill Road has put alternative routes of response into the travel plans of response for some areas. This will be dealt with for duration of the project.

The Department is applying for two AFG grants this round. The first is for an engine company, which if successful would be used to replace Engine 1. The second is for a new radio system on the 800 MHz band, which is supported by the state with repeaters, and all departments around us are converting to this for clarity in communication.

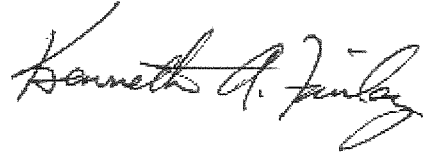
You have a resolution from RISE for upgrades to station lighting to cost efficient LED technology, I endorse this proposal. Deputy McCabe has done due diligence to enable the best proposal for the district.

I have a diverse group of members investigating the need of a special service unit, which is available from the Boston Fire Department, for adaption to the needs of Cumberland. The unit would be a vehicle to use as a multi faceted function. The process is being vetted for the needs of the department.

I spoke at a meeting for Berkeley Commons residents concerning the parking and fire lane access at their September 27 meeting.

I will be meeting with Smithfield Fire to discuss using one entrance exam for applicants, and applying our different requirements after we receive the passing grades. The idea is to reduce the admin cost of the entrance exam on all municipalities for ease in establishing a list.

Sincerely,

A handwritten signature in black ink, reading "Kenneth A. Finlay". The signature is written in a cursive style with a large, stylized "K" and "F".

Chief Kenneth A. Finlay  
Cumberland Fire Department

# Cumberland Fire Dept.

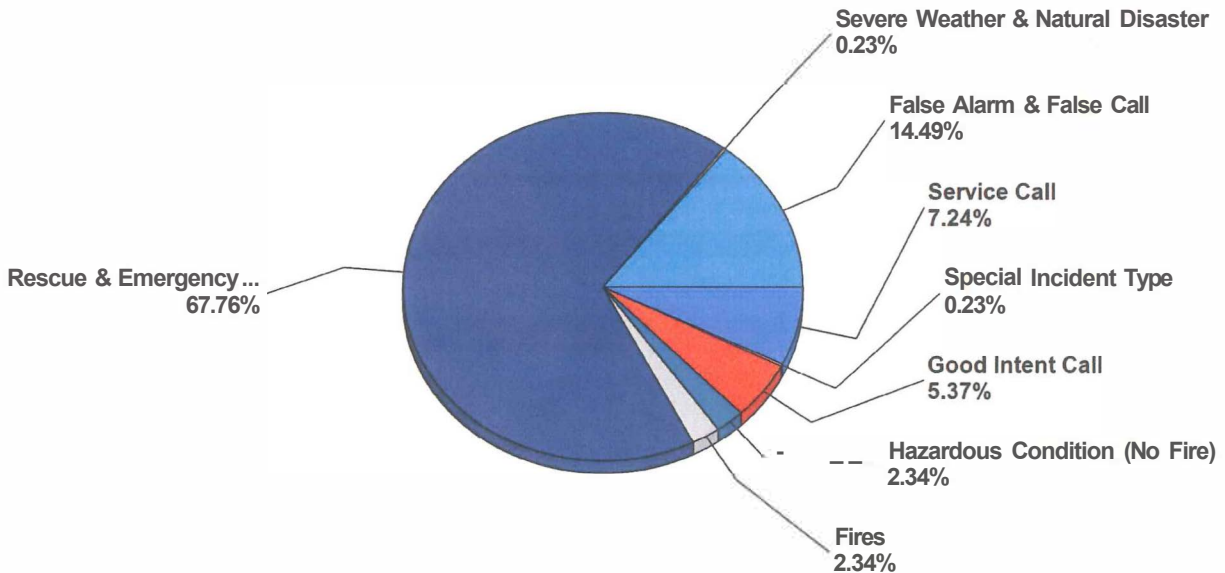
Cumberland, RI

This report was generated on 10/15/2018 8:17:02 AM



## Breakdown by Major Incident Types for Date Range

Zone(s): All Zones | Start Date: 09/01/2018 | End Date: 09/30/2018



MAJOR INCIDENT TYPE	#INCIDENTS	% of TOTAL
Fires	10	2.34%
Rescue & Emergency Medical Service	290	67.76%
Hazardous Condition (No Fire)	10	2.34%
Service Call	31	7.24%
Good Intent Call	23	5.37%
False Alarm & False Call	62	14.49%
Severe Weather & Natural Disaster	1	0.23%
Special Incident Type	1	0.23%
<b>TOTAL</b>	<b>428</b>	<b>100.00%</b>

Only REVIEWED incidents included. Summary results for a major incident type are not displayed if the count is zero.

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Detailed Breakdown by Incident Type		
INCIDENT TYPE	# INCIDENTS	% of TOTAL
111 - Building fire	6	1.40%
113 - Cooking fire, confined to container	3	0.70%
131 - Passenger vehicle fire	1	0.23%
311 - Medical assist, assist EMS crew	1	0.23%
321 - EMS call, excluding vehicle accident with injury	273	63.79%
322 - Motor vehicle accident with injuries	13	3.04%
324 - Motor vehicle accident with no injuries.	1	0.23%
331 - Lock-in (if lock out, use 511 )	1	0.23%
350 - Extrication, rescue, other	1	0.23%
410 - Combustible/flammable gas/liquid condition, other	1	0.23%
411 - Gasoline or other flammable liquid spill	2	0.47%
412 - Gas leak (natural gas or LPG)	1	0.23%
424 - Carbon monoxide incident	3	0.70%
440 - Electrical wiring/equipment problem, other	1	0.23%
445 - Arcing, shorted electrical equipment	1	0.23%
480 - Attempted burning, illegal action, other	1	0.23%
500 - Service Call, other	2	0.47%
511 - Lock-out	5	1.17%
520 - Water problem, other	2	0.47%
522 - Water or steam leak	1	0.23%
531 - Smoke or odor removal	1	0.23%
550 - Public service assistance, other	3	0.70%
551 - Assist police or other governmental agency	2	0.47%
552 - Police matter	1	0.23%
553 - Public service	4	0.93%
554 - Assist invalid	5	1.17%
555 - Defective elevator, no occupants	1	0.23%
561 - Unauthorized burning	3	0.70%
571 - Cover assignment, standby, moveup	1	0.23%
600 - Good intent call, other	5	1.17%
611 - Dispatched & cancelled en route	8	1.87%
621 - Wrong location	1	0.23%
622 - No incident found on arrival at dispatch address	2	0.47%
650 - Steam, other gas mistaken for smoke, other	1	0.23%
651 - Smoke scare, odor of smoke	3	0.70%
661 - EMS call, party transported by non-fire agency	1	0.23%
671 - HazMat release investigation w/no HazMat	2	0.47%
700 - False alarm or false call, other	2	0.47%
713 - Telephone, malicious false alarm	1	0.23%
730 - System malfunction, other	3	0.70%
731 - Sprinkler activation due to malfunction	1	0.23%
733 - Smoke detector activation due to malfunction	16	3.74%
735 - Alarm system sounded due to malfunction	3	0.70%
740 - Unintentional transmission of alarm, other	6	1.40%
743 - Smoke detector activation, no fire - unintentional	12	2.80%
744 - Detector activation, no fire - unintentional	3	0.70%
745 - Alarm system activation, no fire - unintentional	13	3.04%
746 - Carbon monoxide detector activation, no CO	2	0.47%
814 - Lightning strike (no fire)	1	0.23%
911 - Citizen complaint	1	0.23%
<b>TOTAL INCIDENTS:</b>	<b>428</b>	<b>100.00%</b>

Only REVIEWED incidents included. Summary results for a major incident type are not displayed if the count is zero.

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# *Cumberland Fire Department*

## Financial Report

Period Ending: September 30, 2018

Presented: October 23, 2018

Diane Karolyshyn, Finance Director

**CUMBERLAND FIRE DISTRICT  
3502 MENDON RD  
CUMBERLAND RI 02864  
TAX COLLECTOR'S REPORT  
SEPTEMBER 2018**

Month Ending September 2018	Beginning Balance 09/01/2018	New Receivables	Total Balance Due	Total Collected	Abatements and Adjustments	Refunds	Returned Checks	Payment Transfers	Total Payments, Adjustments and Transfers	Ending Balance 09/30/2018	% of Total Outstanding Collected
2017 & prior	\$ 102,629.23	\$ -	\$ 102,629.23	\$ 14,748.94	\$ 10.92				\$ 14,759.86	\$ 87,869.37	14.38%
			\$ -						\$ -	\$ -	
2018	\$ 3,233,662.92	\$ 1,140.15	\$ 3,234,803.07	\$ 275,576.30		\$ (433.89)		\$ 13.14	\$ 275,155.55	\$ 2,959,647.52	8.51%
			\$ -						\$ -	\$ -	
Total	\$ 3,336,292.15	\$ 1,140.15	\$ 3,337,432.30	\$ 290,325.24	\$ 10.92	\$ (433.89)		\$ 13.14	\$ 289,915.41	\$ 3,047,516.89	

TOTAL COLLECTED AS OF  
9/30/18 61%



# Cumberland Fire District

## Balance Sheet

As of September 30, 2018

	Sep 30, 18
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
1001 · Navigant GF Operating	234,351.11
1002 · FNB HRA Checking	11,168.18
1004 · FNB Fire Prevention	23,418.44
1005 · Navigant Savings MM	1,451,304.37
1007 · FNB Retiree HealthCare Fund	208,712.22
1008 · FNB Truck Fund	40.03
1009 · FNB FP Savings	62,950.52
1010 · Navigant Fire Alarm Maint	7,206.20
1011 · Navigant CD	106,916.39
1012 · Webster Bank	100,111.55
1013 · Navigant Fire Alarm Maint MM	120,000.00
<b>Total Checking/Savings</b>	2,326,179.01
<b>Other Current Assets</b>	
1210 · Tax Receivable Prior Years	87,869.37
1216 · Tax Receivable 2018	2,959,647.52
1300 · Collection/Returned CK Fees	115.00
1305 · Tax Sale Fees	4,487.11
1310 · Radio Box Fees	3,700.00
1311 · FF Detail Receivable	4,666.20
1313 · Misc Fire Prevention Receivable	171.00
1315 · Misc. Accounts Receivable	456.48
<b>Total Other Current Assets</b>	3,061,112.68
<b>Total Current Assets</b>	5,387,291.69
<b>Fixed Assets</b>	
1400 · Land	779,800.00
1500 · Buildings & Improvements	1,541,935.09
1505 · Vehicles & Equipment	3,163,276.76
1506 · Radio Equipment	76,354.12
1510 · Fire Prevention Equipment	551,383.84
1515 · Office Equipment	10,081.93
1520 · Furniture and Fixtures	17,022.90
1600 · Accumulated Depreciation	-4,467,717.00
<b>Total Fixed Assets</b>	1,672,137.64
<b>Other Assets</b>	
1050 · Petty Cash-Tax Collector	750.00
1055 · Petty Cash Fire Chief	500.00
<b>Total Other Assets</b>	1,250.00
<b>TOTAL ASSETS</b>	<b>7,060,679.33</b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Other Current Liabilities</b>	
2011 · Payroll Tax FED W/H	-34.54
2013 · Payroll Tax SDI WH	230.74
2026 · AFLAC	721.49
2028 · P & F Insurance Assoc.	140.05
2252 · Deferred Tax Revenue 2017-2018	80,863.86
2253 · Deferred Tax Revenue 2018-2019	5,767,490.51
2280 · Misc Other Deferred Revenue	330.00
2281 · Deferred Tax Sale Fee Income	2,325.69
2285 · Deferred Radio Box Income	587.29
2286 · Deferred Radio Box Income 2019	2,400.00
2510 · Notes Payable - L-1 Truck Loan	79,138.19
<b>Total Other Current Liabilities</b>	5,934,193.28
<b>Total Current Liabilities</b>	5,934,193.28
<b>Total Liabilities</b>	5,934,193.28
<b>Equity</b>	
3200 · Unrestricted Net Assets	-417,221.31
3300 · Fund Balance transfer from Old	1,722,932.47
Net Income	-179,225.11
<b>Total Equity</b>	1,126,486.05
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>7,060,679.33</b>

# Cumberland Fire District

## Income & Expense Budget vs. Actual

July 2018 through September 2018

	TOTAL				
	Sep 18	Jul '18 - Sep 18	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense					
Income					
4000.03 · Tax Revenue 2018	643,540.58	1,930,621.74	7,722,487.00	(5,791,865.26)	25.0%
4001 · Tax Revenue Prior Years	14,748.94	119,176.47	150,000.00	(30,823.53)	79.45%
4007 · NSF Fee Reimbursement Income	0.00	0.00	200.00	(200.00)	0.0%
4010 · Interest Income- Past Due Taxes	5,742.15	17,096.13	50,000.00	(32,903.87)	34.19%
4015 · Fire Prevention/Plan Review	9,052.00	14,975.00	50,000.00	(35,025.00)	29.95%
4050 · Interest Income General Fund	955.93	3,171.55	8,000.00	(4,828.45)	39.64%
4060 · Interest Income Truck Fund	0.00	0.00	50.00	(50.00)	0.0%
4065 · Interest Income Fire Prevention	11.59	33.76	50.00	(16.24)	67.52%
4070 · Interest Income-Retiremt Health	38.42	122.51	400.00	(277.49)	30.63%
4075 · Interest Income FireAlarm Maint	0.00	0.00	0.00	0.00	0.0%
4080 · Interest Income Navigant CD	108.68	332.94	1,000.00	(667.06)	33.29%
4103 · Grant Income	0.00	0.00	0.00	0.00	0.0%
4105 · Reimbursed Ins.-Former Employee	4,961.02	14,779.25	38,594.00	(23,814.75)	38.29%
4110 · Miscellaneous Other Income	20.00	1,014.00	5,000.00	(3,986.00)	20.28%
4110.1 · Revenue Rescue Income	5,311.80	5,311.80	12,000.00	(6,688.20)	44.27%
4110.2 · Insurance Reimbursement	0.00	0.00	0.00	0.00	0.0%
4110.3 · Detail Reimbursement	3,280.20	11,326.80	43,000.00	(31,673.20)	26.34%
4110.4 · IOD Ins. Reimbursement	5,475.60	24,641.87	150,000.00	(125,358.13)	16.43%
4110.6 · MLC Fees	2,725.00	8,125.00	25,000.00	(16,875.00)	32.5%
4110.7 · RB Battery Reimbursement	0.00	0.00	0.00	0.00	0.0%
4111 · Income Radio Box 2018	200.00	36,200.00	38,200.00	(2,000.00)	94.76%
4114 · Income Radio Box Prior Years	0.00	0.00	500.00	(500.00)	0.0%
4115 · Tax Sale Fee Income	1,000.00	3,498.00	30,000.00	(26,502.00)	11.66%
4115.01 · Tax Sale Fee Income Prior Years	0.00	0.00	0.00	0.00	0.0%
4200 · Sale of Assets	0.00	0.00	0.00	0.00	0.0%
4300 · Transfer from Surplus (Cap Exp)	0.00	0.00	0.00	0.00	0.0%
4400 · Appropriation from 1007 RH Fund	0.00	0.00	100,028.00	(100,028.00)	0.0%
Total Income	697,171.91	2,190,426.82	8,424,509.00	(6,234,082.18)	26.0%
Gross Profit	697,171.91	2,190,426.82	8,424,509.00	(6,234,082.18)	26.0%
Expense					
6100 · Vehicle Gas & Oil	4,021.32	11,945.99	40,000.00	(28,054.01)	29.87%
6101 · Vehicle Repair & Maintenance	8,656.81	25,360.80	85,000.00	(59,639.20)	29.84%
6110 · Equipment Purchase & Upgrading	1,212.29	1,306.97	20,000.00	(18,693.03)	6.54%
6110.01 · Turnout Gear	0.00	0.00	20,000.00	(20,000.00)	0.0%
6112 · Equipment Supplies & Repairs	268.06	528.16	7,000.00	(6,471.84)	7.55%
6113 · Equip Testing & Certification	0.00	2,900.00	7,000.00	(4,100.00)	41.43%
6120 · Radio Equip Upgrades & Maint	0.00	0.00	3,000.00	(3,000.00)	0.0%
6125 · First Aid Equip & Supplies	288.10	676.03	8,000.00	(7,323.97)	8.45%
6130 · Air Cascade Maintenance	731.52	731.52	2,500.00	(1,768.48)	29.26%
6140 · Communications Upgrades	0.00	0.00	0.00	0.00	0.0%
6145 · Shared Communications	445.67	1,782.68	7,000.00	(5,217.32)	25.47%
6150 · Fire Alarm Testing	243.00	324.00	1,500.00	(1,176.00)	21.6%
6200 · Electricity	3,412.55	10,057.20	36,000.00	(25,942.80)	27.94%
6201 · Gas & Hot Water	439.91	1,205.76	15,000.00	(13,794.24)	8.04%
6202.01 · Telephone	1,012.69	2,823.06	12,000.00	(9,176.94)	23.53%
6202.02 · Air Cards	480.18	1,440.42	5,500.00	(4,059.58)	26.19%
6210 · Sewer Assessment & Usage	237.67	701.70	4,000.00	(3,298.30)	17.54%
6211 · Water Usage Fees	59.36	177.61	4,000.00	(3,822.39)	4.44%
6215.01 · Hydrant Fees - Cumberland	0.00	224,070.00	225,070.00	(1,000.00)	99.56%
6215.02 · Hydrant Fees - Pawtucket	11,732.09	34,817.81	138,000.00	(103,182.19)	25.23%
6301 · Building Supplies & Maint.	2,084.81	7,286.11	25,000.00	(17,713.89)	29.14%
6305 · Furnishings	0.00	0.00	0.00	0.00	0.0%
6400.01 · Firefighters Salaries	214,049.89	642,216.90	2,920,500.00	(2,278,283.10)	21.99%
6400.02 · EMT Incentive	6,509.44	19,524.48	86,600.00	(67,075.52)	22.55%
6400.03 · OT Wages	84,656.83	248,429.00	1,055,014.00	(806,585.00)	23.55%
6400.08 · Holiday Stipend	13,743.32	41,760.42	168,490.00	(126,729.58)	24.79%
6400.09 · Longevity Pay	9,931.43	27,524.96	161,176.00	(133,651.04)	17.08%
6400.10 · Acting Officer Pay	164.00	561.70	2,000.00	(1,438.30)	28.09%
6400.11 · Detail Pay	966.00	4,620.00	15,000.00	(10,380.00)	30.8%
6400.12 · Other Salaries	0.00	0.00	2,000.00	(2,000.00)	0.0%
6400.13 · Injured on Duty Salaries	12,732.60	32,892.55	0.00	32,892.55	100.0%
6400.14 · Clothing Allowance	0.00	43,038.00	46,800.00	(3,762.00)	91.96%
6400.15 · Education Incentive	0.00	6,000.00	6,000.00	0.00	100.0%
6401 · Payroll Tax Expense	24,930.96	77,036.68	342,229.00	(265,192.32)	22.51%

**Cumberland Fire District**  
**Income & Expense Budget vs. Actual**  
**July 2018 through September 2018**

	TOTAL				
	Sep 18	Jul '18 - Sep 18	Budget	\$ Over Budget	% of Budget
6402 · Pension Expense	60,324.00	182,098.85	802,638.00	(620,539.15)	22.69%
6410.01 · Healthcare Insurance	73,014.60	219,043.80	893,479.00	(674,435.20)	24.52%
6410.02 · Healthcare Co-Pays	(10,711.81)	(32,384.93)	(142,195.00)	109,810.07	22.78%
6410.03 · Healthcare Reimb. (HRA) -FF	4,465.31	13,704.00	40,000.00	(26,296.00)	34.26%
6410.04 · Healthcare -Dental	6,347.91	19,043.73	77,315.00	(58,271.27)	24.63%
6410.05 · Healthcare -Vision	5,000.00	5,000.00	5,100.00	(100.00)	98.04%
6420 · Life Insurance	0.00	7,500.00	10,350.00	(2,850.00)	72.46%
6430 · Education Tuition Cost	0.00	843.98	2,000.00	(1,156.02)	42.2%
6510.01 · Healthcare Insurance -Retirees	12,823.54	38,471.12	141,299.00	(102,827.88)	27.23%
6510.03 · Healthcare Reimb. (HRA)-Retiree	1,845.76	5,857.27	10,000.00	(4,142.73)	58.57%
6510.04 · Healthcare -Dental -Retirees	569.73	1,709.19	6,988.00	(5,278.81)	24.46%
6520 · COLA - Retirees	0.00	11,934.47	11,935.00	(0.53)	100.0%
6600 · Administrative Salaries	22,719.47	71,248.89	310,284.00	(239,035.11)	22.96%
6605 · District Commissioner Stipends	0.00	3,783.36	22,700.00	(18,916.64)	16.67%
6610.01 · Healthcare Insurance -Admin	8,650.48	23,316.04	67,004.00	(43,687.96)	34.8%
6610.02 · Healthcare Co-Pays -Admin	(850.02)	(2,623.05)	(8,300.00)	5,676.95	31.6%
6610.03 · Healthcare Reimb. (HRA)-Admin	1,391.38	2,518.00	8,700.00	(6,182.00)	28.94%
6610.04 · Healthcare -Dental -Admin	524.78	1,974.38	7,112.00	(5,137.62)	27.76%
6615 · Payroll Tax Expense -Admin	1,650.81	5,244.40	22,970.00	(17,725.60)	22.83%
6701 · Insurances	5,120.00	278,975.00	352,800.00	(73,825.00)	79.08%
6703.01 · Legal	0.00	1,200.00	20,000.00	(18,800.00)	6.0%
6703.02 · Legal - CBA	2,025.00	3,225.00	30,000.00	(26,775.00)	10.75%
6705 · Office Supplies & Expenses	402.69	4,286.90	9,500.00	(5,213.10)	45.13%
6706 · Printing & Postage	419.63	898.92	5,000.00	(4,101.08)	17.98%
6707 · Newspaper Advertisements	0.00	0.00	1,500.00	(1,500.00)	0.0%
6708 · Computer Development Program	162.25	936.50	2,500.00	(1,563.50)	37.46%
6709 · Computerized Tax Bills	0.00	5,670.00	15,000.00	(9,330.00)	37.8%
6710 · External Accounting Fees	0.00	450.00	20,000.00	(19,550.00)	2.25%
6711 · Fire Chief Expenses	20.37	61.11	750.00	(688.89)	8.15%
6712 · Fire Prevention Offset	0.00	0.00	1,000.00	(1,000.00)	0.0%
6713 · Grants - Matching Funds	0.00	0.00	5,000.00	(5,000.00)	0.0%
6714 · Payroll Processing Fees	391.61	1,651.36	7,000.00	(5,348.64)	23.59%
6715 · Professional Fees	0.00	0.00	2,000.00	(2,000.00)	0.0%
6716 · Videographer	360.00	540.00	3,000.00	(2,460.00)	18.0%
6720 · Abatements	10.92	559.80	500.00	59.80	111.96%
6725 · Tax Sale Fee	0.00	0.00	30,000.00	(30,000.00)	0.0%
6730 · Bank Service Fee	15.00	200.00	200.00	0.00	100.0%
6735 · IRS HRA Fee	0.00	142.38	0.00	142.38	100.0%
6800 · Affiliated Fire Associations	288.95	288.95	750.00	(461.05)	38.53%
6905.01 · Drills & Training	0.00	235.00	2,500.00	(2,265.00)	9.4%
6905.02 · FP & EMS Training	0.00	0.00	2,500.00	(2,500.00)	0.0%
6906 · Medical Examinations	0.00	0.00	3,000.00	(3,000.00)	0.0%
6907 · Employee Support Health&Welfare	124.04	197.48	3,800.00	(3,602.52)	5.2%
6908 · Professional Development	0.00	0.00	300.00	(300.00)	0.0%
7010 · Contingency	0.00	7,209.00	9,000.00	(1,791.00)	80.1%
7020 · Sick Time Payout	6,395.83	6,395.83	8,000.00	(1,604.17)	79.95%
7030 · Spec. Fund Radio Box Alarm	0.00	1,088.75	5,000.00	(3,911.25)	21.78%
7040 · Spec. Fund Fire Prevention Exp	66.44	3,682.82	18,000.00	(14,317.18)	20.46%
7050 · Tax - Legal & Collection Fees	312.49	577.90	1,000.00	(422.10)	57.79%
7080 · Interest Expense-L-1 Truck Loan	382.28	1,155.22	5,000.00	(3,844.78)	23.1%
7085.01 · TANS Interest Expense	0.00	0.00	4,200.00	(4,200.00)	0.0%
7085.02 · TANS Bank Attorney Fee	0.00	0.00	2,500.00	(2,500.00)	0.0%
7085.03 · TANS Bond Counsel	0.00	0.00	4,000.00	(4,000.00)	0.0%
7085.04 · TANS Financial Advisor	0.00	0.00	3,300.00	(3,300.00)	0.0%
7305 · Capital Expenditures	0.00	0.00	0.00	0.00	0.0%
7310 · Capital Improvements	0.00	0.00	25,000.00	(25,000.00)	0.0%
8000 · General Reserves Account	0.00	0.00	0.00	0.00	0.0%
8001 · Deficit Reduction Account	0.00	0.00	60,151.00	(60,151.00)	0.0%
8010 · Station Building Fund	0.00	0.00	0.00	0.00	0.0%
8100 · Actuarial Study of Retiree HC	0.00	0.00	0.00	0.00	0.0%
<b>Total Expense</b>	<b>607,273.94</b>	<b>2,369,651.93</b>	<b>8,424,509.00</b>	<b>(6,054,857.07)</b>	<b>28.13%</b>
<b>Net Ordinary Income</b>	<b>89,897.97</b>	<b>(179,225.11)</b>	<b>0.00</b>	<b>(179,225.11)</b>	<b>100.0%</b>
<b>Net Income</b>	<b>89,897.97</b>	<b>(179,225.11)</b>	<b>0.00</b>	<b>(179,225.11)</b>	<b>100.0%</b>

11:14 AM

10/09/18

# Cumberland Fire District Commissioner's Report

September 2018

Type	Num	Date	Name	Account	Paid Amount
Check	EFT	09/04/2018	London Health CDH	1002 · FNB HRA Checking	
				6410.03 · Healthcare Reimb. (HRA) -FF	-4,147.92
				6510.03 · Healthcare Reimb. (HRA)-Retiree	-1,845.76
TOTAL					-5,993.68
Check	EFT	09/10/2018	London Health CDH	1002 · FNB HRA Checking	
				6410.03 · Healthcare Reimb. (HRA) -FF	-207.49
TOTAL					-207.49
Check	EFT	09/17/2018	London Health CDH	1002 · FNB HRA Checking	
				6410.03 · Healthcare Reimb. (HRA) -FF	-30.43
				6610.03 · Healthcare Reimb. (HRA)-Admin	-1,391.38
TOTAL					-1,421.81
Check	EFT	09/18/2018		1001 · Navigant GF Operating	
				6730 · Bank Service Fee	-15.00
TOTAL					-15.00
Check	EFT	09/19/2018	Navigant Credit Union	1001 · Navigant GF Operating	
				2510 · Notes Payable - L-1 Truck Loan	-1,528.17
				7080 · Interest Expense-L-1 Truck Loan	-382.28
TOTAL					-1,910.45
Check	EFT	09/24/2018	London Health CDH	1002 · FNB HRA Checking	
				6410.03 · Healthcare Reimb. (HRA) -FF	-79.47
TOTAL					-79.47
Check	POS	09/04/2018	BJ's	1001 · Navigant GF Operating	
				6705 · Office Supplies & Expenses	-76.23
TOTAL					-76.23
Check	POS	09/04/2018	BackBlaze	1001 · Navigant GF Operating	
				6708 · Computer Development Program	-7.75
TOTAL					-7.75
Check	POS	09/04/2018	Moread, Inc.	1001 · Navigant GF Operating	
				6705 · Office Supplies & Expenses	-40.00
TOTAL					-40.00
Check	POS	09/06/2018	Miradore Ltd	1004 · FNB Fire Prevention	
				7040 · Spec. Fund Fire Prevention Exp	-16.00
TOTAL					-16.00
Check	POS	09/11/2018	Sakis Pizza	1001 · Navigant GF Operating	
				6907 · Employee Support Health&Welfare	-124.04
TOTAL					-124.04
Check	POS	09/11/2018	Sirius XM	1001 · Navigant GF Operating	
				6711 · Fire Chief Expenses	-20.37
TOTAL					-20.37
Check	POS	09/13/2018	Amazon.com	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-59.97
TOTAL					-59.97
Check	POS	09/13/2018	Amazon.com	1004 · FNB Fire Prevention	
				7040 · Spec. Fund Fire Prevention Exp	-27.88
TOTAL					-27.88

11:14 AM

10/09/18

# Cumberland Fire District Commissioner's Report

September 2018

Type	Num	Date	Name	Account	Paid Amount
Check	POS	09/14/2018	Impact Custom Apparel LLC	1001 · Navigant GF Operating	
				6110 · Equipment Purchase & Upgrading	-58.86
TOTAL					-58.86
Check	POS	09/18/2018	The Home Depot	1001 · Navigant GF Operating	
				6112 · Equipment Supplies & Repairs	-53.01
TOTAL					-53.01
Check	POS	09/24/2018	Adobe Systems Inc.	1001 · Navigant GF Operating	
				6705 · Office Supplies & Expenses	-64.16
TOTAL					-64.16
Check	POS	09/24/2018	Amazon.com	1001 · Navigant GF Operating	
				6112 · Equipment Supplies & Repairs	-18.65
TOTAL					-18.65
Check	POS	09/24/2018	Amazon.com	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-7.18
TOTAL					-7.18
Check	POS	09/25/2018	Amazon.com	1001 · Navigant GF Operating	
				6112 · Equipment Supplies & Repairs	-53.69
TOTAL					-53.69
Check	1080	09/13/2018	NorthEast Electrical	1004 · FNB Fire Prevention	
				7040 · Spec. Fund Fire Prevention Exp	-22.56
TOTAL					-22.56
Check	4562	09/01/2018	CPF-LOCAL 2722	1001 · Navigant GF Operating	
				6410.05 · Healthcare -Vision	-5,000.00
TOTAL					-5,000.00
Check	4563	09/01/2018	Blue Cross Blue Shield -MCA	1001 · Navigant GF Operating	
				6510.01 · Healthcare Insurance -Retirees	-924.00
TOTAL					-924.00
Check	4564	09/01/2018	Blue Cross & Blue Shield	1001 · Navigant GF Operating	
				6410.01 · Healthcare Insurance	-73,014.60
				6510.01 · Healthcare Insurance -Retirees	-11,842.35
				6610.01 · Healthcare Insurance -Admin	-8,650.48
TOTAL					-93,507.43
Check	4565	09/01/2018	Delta Dental	1001 · Navigant GF Operating	
				6410.04 · Healthcare -Dental	-6,347.91
				6510.04 · Healthcare -Dental -Retirees	-569.73
				6610.04 · Healthcare -Dental -Admin	-524.78
TOTAL					-7,442.42
Check	4567	09/06/2018	Margaret & Curtiss Grieve	1001 · Navigant GF Operating	
				1216 · Tax Receivable 2018	-433.89
TOTAL					-433.89
Check	4568	09/06/2018	Bob's Auto Trim	1001 · Navigant GF Operating	
				6101 · Vehicle Repair & Maintenance	-125.00
TOTAL					-125.00

11:14 AM

10/09/18

# Cumberland Fire District Commissioner's Report

September 2018

Type	Num	Date	Name	Account	Paid Amount
Check	4569	09/06/2018	Belmont Springs	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-99.76
				6301 · Building Supplies & Maint.	-54.70
				6301 · Building Supplies & Maint.	-48.38
				6301 · Building Supplies & Maint.	-31.82
TOTAL					-234.66
Check	4570	09/06/2018	Depault Ace Hardware	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-11.98
				6112 · Equipment Supplies & Repairs	-54.85
				6112 · Equipment Supplies & Repairs	-35.11
				6112 · Equipment Supplies & Repairs	10.00
TOTAL					-91.94
Check	4571	09/06/2018	DELL Marketing L.P.	1001 · Navigant GF Operating	
				6110 · Equipment Purchase & Upgrading	-573.43
TOTAL					-573.43
Check	4572	09/06/2018	Industrial Oil & Supply	1001 · Navigant GF Operating	
				6101 · Vehicle Repair & Maintenance	-62.13
TOTAL					-62.13
Check	4573	09/06/2018	Janitech	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-220.08
				6301 · Building Supplies & Maint.	-43.53
				6301 · Building Supplies & Maint.	-200.48
				6301 · Building Supplies & Maint.	-311.78
TOTAL					-775.87
Check	4574	09/06/2018	Minuteman Trucks, Inc	1001 · Navigant GF Operating	
				6101 · Vehicle Repair & Maintenance	-936.04
				6101 · Vehicle Repair & Maintenance	-286.87
				6101 · Vehicle Repair & Maintenance	-137.74
TOTAL					-1,360.65
Check	4575	09/06/2018	NAPA Auto Parts	1001 · Navigant GF Operating	
				6101 · Vehicle Repair & Maintenance	-21.27
				6101 · Vehicle Repair & Maintenance	-9.38
TOTAL					-30.65
Check	4576	09/06/2018	National Grid Elec Sta4L	1001 · Navigant GF Operating	
				6200 · Electricity	-17.61
TOTAL					-17.61
Check	4577	09/06/2018	National Grid Elec Sta5L	1001 · Navigant GF Operating	
				6200 · Electricity	-17.61
TOTAL					-17.61
Check	4578	09/06/2018	Purchase Power	1001 · Navigant GF Operating	
				6706 · Printing & Postage	-400.00
TOTAL					-400.00
Check	4579	09/06/2018	Strobes N' More	1001 · Navigant GF Operating	
				6101 · Vehicle Repair & Maintenance	-267.81
TOTAL					-267.81
Check	4580	09/06/2018	Staples Credit	1001 · Navigant GF Operating	
				6705 · Office Supplies & Expenses	-42.09
				6705 · Office Supplies & Expenses	-23.59
				6705 · Office Supplies & Expenses	-82.95
TOTAL					-148.63

11:14 AM

10/09/18

# Cumberland Fire District Commissioner's Report

September 2018

Type	Num	Date	Name	Account	Paid Amount
Check	4581	09/06/2018	Tire Doctor LLC	1001 · Navigant GF Operating	
				6101 · Vehicle Repair & Maintenance	-1,344.00
TOTAL					-1,344.00
Check	4582	09/06/2018	Verizon	1001 · Navigant GF Operating	
				6202.01 · Telephone	-149.99
TOTAL					-149.99
Check	4583	09/06/2018	Video Artistry	1001 · Navigant GF Operating	
				6716 · Videographer	-180.00
TOTAL					-180.00
Check	4584	09/06/2018	TH Malloy & Sons, Inc	1001 · Navigant GF Operating	
				6100 · Vehicle Gas & Oil	-2,992.51
TOTAL					-2,992.51
Check	4585	09/06/2018	W.B. Mason Co., Inc	1001 · Navigant GF Operating	
				6705 · Office Supplies & Expenses	-64.52
TOTAL					-64.52
Check	4586	09/06/2018	Petty Cash	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-83.98
				6101 · Vehicle Repair & Maintenance	-60.00
				6706 · Printing & Postage	-19.63
TOTAL					-163.61
Check	4587	09/13/2018	Edward Deutch Uniforms	1001 · Navigant GF Operating	
				6110 · Equipment Purchase & Upgrading	-580.00
TOTAL					-580.00
Check	4588	09/13/2018	Allied Auto Parts	1001 · Navigant GF Operating	
				6101 · Vehicle Repair & Maintenance	-492.90
				6101 · Vehicle Repair & Maintenance	6.84
				6101 · Vehicle Repair & Maintenance	90.00
TOTAL					-396.06
Check	4589	09/13/2018	B & M Printing	1001 · Navigant GF Operating	
				6125 · First Aid Equip & Supplies	-139.00
TOTAL					-139.00
Check	4590	09/13/2018	Cumberland Pest Control, LLC	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-25.00
				6301 · Building Supplies & Maint.	-30.00
				6301 · Building Supplies & Maint.	-25.00
TOTAL					-80.00
Check	4591	09/13/2018	Fire Engineering	1001 · Navigant GF Operating	
				6800 · Affiliated Fire Associations	-39.00
TOTAL					-39.00
Check	4592	09/13/2018	ICSC	1001 · Navigant GF Operating	
				6130 · Air Cascade Maintenance	-731.52
TOTAL					-731.52
Check	4593	09/13/2018	Janitech	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-197.85
				6301 · Building Supplies & Maint.	-188.07
				6301 · Building Supplies & Maint.	-63.95
TOTAL					-449.87

11:14 AM

10/09/18

# Cumberland Fire District Commissioner's Report

September 2018

Type	Num	Date	Name	Account	Paid Amount
Check	4594	09/13/2018	National Grid Elec Sta1	1001 · Navigant GF Operating	
				6200 · Electricity	-861.31
TOTAL					-861.31
Check	4595	09/13/2018	National Grid Elec Sta2	1001 · Navigant GF Operating	
				6200 · Electricity	-740.79
TOTAL					-740.79
Check	4596	09/13/2018	National Grid Elec Sta4	1001 · Navigant GF Operating	
				6200 · Electricity	-1,134.64
TOTAL					-1,134.64
Check	4597	09/13/2018	National Grid Elec Sta5	1001 · Navigant GF Operating	
				6200 · Electricity	-627.15
TOTAL					-627.15
Check	4598	09/13/2018	National Grid Elec Sta5A	1001 · Navigant GF Operating	
				6200 · Electricity	-13.44
TOTAL					-13.44
Check	4599	09/13/2018	National Grid Gas Sta1	1001 · Navigant GF Operating	
				6201 · Gas & Hot Water	-192.20
TOTAL					-192.20
Check	4600	09/13/2018	National Grid Gas Sta2	1001 · Navigant GF Operating	
				6201 · Gas & Hot Water	-35.01
TOTAL					-35.01
Check	4601	09/13/2018	National Grid Gas Sta4	1001 · Navigant GF Operating	
				6201 · Gas & Hot Water	-54.73
TOTAL					-54.73
Check	4602	09/13/2018	National Grid Gas Sta5	1001 · Navigant GF Operating	
				6201 · Gas & Hot Water	-57.97
TOTAL					-57.97
Check	4603	09/13/2018	National Grid Gas Sta5A	1001 · Navigant GF Operating	
				6201 · Gas & Hot Water	-100.00
TOTAL					-100.00
Check	4604	09/13/2018	Police & Firemen's Insurance Assoc.	1001 · Navigant GF Operating	
				2028 · P & F Insurance Assoc.	-632.10
TOTAL					-632.10
Check	4605	09/13/2018	Ralco Equipment Co., Inc	1001 · Navigant GF Operating	
				6101 · Vehicle Repair & Maintenance	-4,115.81
TOTAL					-4,115.81
Check	4606	09/13/2018	Simon's Supply	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-47.38
				6301 · Building Supplies & Maint.	-0.94
				6301 · Building Supplies & Maint.	-46.73
				6301 · Building Supplies & Maint.	-262.11
TOTAL					-357.16
Check	4607	09/13/2018	S&D Road Service	1001 · Navigant GF Operating	
				6101 · Vehicle Repair & Maintenance	-894.70
TOTAL					-894.70



11:14 AM

10/09/18

# Cumberland Fire District Commissioner's Report

September 2018

Type	Num	Date	Name	Account	Paid Amount
Check	4608	09/13/2018	Video Artistry	1001 · Navigant GF Operating	
				6716 · Videographer	-180.00
TOTAL					-180.00
Check	4609	09/18/2018	Cumberland Fire District	1001 · Navigant GF Operating	
				1002 · FNB HRA Checking	-10,000.00
TOTAL					-10,000.00
Check	4610	09/20/2018	A & P Fire Systems	1001 · Navigant GF Operating	
				6150 · Fire Alarm Testing	-81.00
				6150 · Fire Alarm Testing	-81.00
				6150 · Fire Alarm Testing	-81.00
TOTAL					-243.00
Check	4611	09/20/2018	Apex Technology Group	1001 · Navigant GF Operating	
				6708 · Computer Development Program	-104.50
				6708 · Computer Development Program	-50.00
TOTAL					-154.50
Check	4612	09/20/2018	Timothy M. Bliss, Attorney at Law	1001 · Navigant GF Operating	
				6703.02 · Legal - CBA	-525.00
TOTAL					-525.00
Check	4613	09/20/2018	Emergency Reporting	1001 · Navigant GF Operating	
				6145 · Shared Communications	-445.67
TOTAL					-445.67
Check	4614	09/20/2018	Firehouse	1001 · Navigant GF Operating	
				6800 · Affiliated Fire Associations	-24.95
TOTAL					-24.95
Check	4615	09/20/2018	Moore Medical LLC	1001 · Navigant GF Operating	
				6125 · First Aid Equip & Supplies	-138.27
				6125 · First Aid Equip & Supplies	-10.83
TOTAL					-149.10
Check	4616	09/20/2018	Narragansett Bay Comm Sta1	1001 · Navigant GF Operating	
				6210 · Sewer Assessment & Usage	-116.36
TOTAL					-116.36
Check	4617	09/20/2018	Narragansett Bay Comm Sta2	1001 · Navigant GF Operating	
				6210 · Sewer Assessment & Usage	-76.50
TOTAL					-76.50
Check	4618	09/20/2018	Narragansett Bay Comm Sta4	1001 · Navigant GF Operating	
				6210 · Sewer Assessment & Usage	-44.81
TOTAL					-44.81
Check	4619	09/20/2018	Prescott H. Peirce Co. Inc.	1001 · Navigant GF Operating	
				6112 · Equipment Supplies & Repairs	-62.75
TOTAL					-62.75
Check	4620	09/20/2018	Roger's Ace Hardware Inc	1001 · Navigant GF Operating	
				6301 · Building Supplies & Maint.	-18.66
				6301 · Building Supplies & Maint.	-5.48
TOTAL					-24.14

11:14 AM  
10/09/18

**Cumberland Fire District  
Commissioner's Report  
September 2018**

Type	Num	Date	Name	Account	Paid Amount
Check	4621	09/20/2018	Rossi Law Offices LTD	1001 · Navigant GF Operating	
				7050 · Tax - Legal & Collection Fees	-312.49
TOTAL					-312.49
Check	4622	09/20/2018	Vincent F. Ragosta, Jr.	1001 · Navigant GF Operating	
				6703.02 · Legal - CBA	-1,500.00
TOTAL					-1,500.00
Check	4623	09/20/2018	Verizon Wireless	1001 · Navigant GF Operating	
				6202.02 · Air Cards	-160.10
				6202.02 · Air Cards	-320.08
TOTAL					-480.18
Check	4624	09/20/2018	N.E. Association of Fire Chiefs, Inc.	1001 · Navigant GF Operating	
				6800 · Affiliated Fire Associations	-25.00
TOTAL					-25.00
Check	4625	09/20/2018	Fire Chiefs Assoc. of Massachusetts	1001 · Navigant GF Operating	
				6800 · Affiliated Fire Associations	-200.00
TOTAL					-200.00
Check	4626	09/20/2018	Kevin Clarke	1001 · Navigant GF Operating	
				6510.01 · Healthcare Insurance -Retirees	-57.19
TOTAL					-57.19
Check	4627	09/20/2018	Pawtucket Water Supply -Hydrants	1001 · Navigant GF Operating	
				6215.02 · Hydrant Fees - Pawtucket	-11,732.09
TOTAL					-11,732.09
Check	4628	09/20/2018	Pawtucket Water Supply Board	1001 · Navigant GF Operating	
				6211 · Water Usage Fees	-59.36
TOTAL					-59.36
Check	4629	09/20/2018	VFIS	1001 · Navigant GF Operating	
				6701 · Insurances	-5,120.00
TOTAL					-5,120.00
Check	4630	09/20/2018	W.B. Mason Co., Inc	1001 · Navigant GF Operating	
				6705 · Office Supplies & Expenses	-9.15
TOTAL					-9.15
Check	4633	09/20/2018	Cox Communications	1001 · Navigant GF Operating	
				6202.01 · Telephone	-862.70
TOTAL					-862.70
Check	4634	09/20/2018	Shell Fleet Plus	1001 · Navigant GF Operating	
				6100 · Vehicle Gas & Oil	-1,028.81
TOTAL					-1,028.81

**Cumberland Fire District**  
**Trial Balance**  
**As of September 30, 2018**

	Sep 30, 18	
	Debit	Credit
1001 · Navigant GF Operating	234,351.11	
1002 · FNB HRA Checking	11,168.18	
1003 · FNB HRA Savings	0.00	
1004 · FNB Fire Prevention	23,418.44	
1005 · Navigant Savings MM	1,451,304.37	
1007 · FNB Retiree HealthCare Fund	208,712.22	
1008 · FNB Truck Fund	40.03	
1009 · FNB FP Savings	62,950.52	
1010 · Navigant Fire Alarm Maint	7,206.20	
1011 · Navigant CD	106,916.39	
1012 · Webster Bank	100,111.55	
1013 · Navigant Fire Alarm Maint MM	120,000.00	
1020 · CMEFCU - Comm/Training Acct	0.00	
1025 · CFD Checking/Savings	0.00	
1026 · CHFD Checking/Savings	0.00	
1027 · NCFD Checking/Savings	0.00	
1028 · VFFD Checking/Savings	0.00	
1140 · Tax Receivable 2004 & prior	0.00	
1170 · Tax Receivable 2008 & prior	0.00	
1175 · Tax Receivable 2009	0.00	
1180 · Tax Receivable 2010	0.00	
1185 · Tax Receivable 2011	0.00	
1190 · Tax Receivable 2012	0.00	
1195 · Tax Receivable 2013	0.00	
1200 · Tax Receivable 2014	0.00	
1205 · Tax Receivable 2015 & Prior	0.00	
1210 · Tax Receivable Prior Years	87,869.37	
1215 · Tax Receivable 2017	0.00	
1216 · Tax Receivable 2018	2,959,647.52	
1300 · Collection/Returned CK Fees	115.00	
1305 · Tax Sale Fees	4,487.11	
1310 · Radio Box Fees	3,700.00	
1311 · FF Detail Receivable	4,666.20	
1312 · Fire Prevention Fees	0.00	
1313 · Misc Fire Prevention Receivable	171.00	
1315 · Misc. Accounts Receivable	456.48	
1316 · MLC Receivable	0.00	
1320 · Prepaid Expenses	0.00	
1320.01 · Prepaid Expenses-Insurances	0.00	
1320.02 · Prepaid Expenses-Hydrant Fees	0.00	
1320.03 · Prepaid Expenses-COLA	0.00	
1320.04 · Prepaid Expenses-Clothing Allow	0.00	
1320.05 · Prepaid Expenses-Tax Sale Fees	0.00	
1320.06 · Prepaid Expenses-Comp Tx Bills	0.00	
1320.07 · Prepaid Expenses-Audit/Acct Fee	0.00	
1320.08 · Prepaid Expenses-Comm Stipends	0.00	
1320.09 · Prepaid Expenses-Educ Incentive	0.00	
1320.10 · Prepaid Expenses-Equip Testing	0.00	
1320.11 · Pepaid Expenses-Radio Box Fund	0.00	
1320.12 · Prepaid Expense-Turnout Gear	0.00	
1321 · Deferred Expense	0.00	
1321.01 · Deferred Expense 2018-19	0.00	
1400 · Land	779,800.00	
1500 · Buildings & Improvements	1,541,935.09	
1505 · Vehicles & Equipment	3,163,276.76	
1506 · Radio Equipment	76,354.12	
1510 · Fire Prevention Equipment	551,383.84	
1515 · Office Equipment	10,081.93	
1520 · Furniture and Fixtures	17,022.90	
1600 · Accumulated Depreciation		4,467,717.00
1050 · Petty Cash-Tax Collector	750.00	
1055 · Petty Cash Fire Chief	500.00	
2000 · Accounts Payable	0.00	
2000.01 · Accounts Payable 2016	0.00	
2005 · Accrued Payroll at FYE	0.00	
2010 · Payroll Taxes SS/MED	0.00	

**Cumberland Fire District**  
**Trial Balance**  
**As of September 30, 2018**

	Sep 30, 18	
	Debit	Credit
2011 · Payroll Tax FED W/H	34.54	
2012 · Payroll Tax ST W/H	0.00	
2013 · Payroll Tax SDI WH		230.74
2015 · Union Dues WH	0.00	
2020.1 · State Pension WH EE 414H (VF1)	0.00	
2020.2 · State Pension WH EE 414H (CF2)	0.00	
2020.3 · State Pension WH EE 414H (CH4)	0.00	
2020.4 · State Pension WH EE 414H (NC5)	0.00	
2025.1 · 457(b) W/H AMI	0.00	
2025.2 · 457(b) W/H Nationwide	0.00	
2026 · AFLAC		721.49
2027.2 · Garnishment WH (CF2)	0.00	
2027.3 · Garnishment WH (CH4)	0.00	
2027.4 · Garnishment WH (NC5)	0.00	
2028 · P & F Insurance Assoc.		140.05
2035 · CMEFCU - SAVINGS	0.00	
2250 · Deferred Tax Revenue 2015/2016	0.00	
2251 · Deferred Taxes 2016 & prior	0.00	
2252 · Deferred Tax Revenue 2017-2018		80,863.86
2253 · Deferred Tax Revenue 2018-2019		5,767,490.51
2280 · Misc Other Deferred Revenue		330.00
2281 · Deferred Tax Sale Fee Income		2,325.69
2285 · Deferred Radio Box Income		587.29
2286 · Deferred Radio Box Income 2019		2,400.00
2505 · Notes Payable - NCFD Truck Loan	0.00	
2510 · Notes Payable - L-1 Truck Loan		79,138.19
2512 · TAN Payable	0.00	
2520.1 · ACC. Retirement (ER)(VF1)	0.00	
2520.2 · ACC. Retirement (ER)(CF2)	0.00	
2520.3 · ACC. Retirement (ER)(CH4)	0.00	
2520.4 · ACC. Retirement (ER)(NC5)	0.00	
2600 · Accrued Expenses	0.00	
2700 · Accrued 2016 Tax Revenue	0.00	
2700.01 · Accrued Tax Revenue 2017	0.00	
2705 · Accrued 2016 Radio Box Income	0.00	
2705.01 · Accrued Radio Box Income 2017	0.00	
3200 · Unrestricted Net Assets	417,221.31	
3300 · Fund Balance transfer from Old		1,722,932.47
4000.03 · Tax Revenue 2018		1,930,621.74
4001 · Tax Revenue Prior Years		119,176.47
4010 · Interest Income- Past Due Taxes		17,096.13
4015 · Fire Prevention/Plan Review		14,975.00
4050 · Interest Income General Fund		3,171.55
4065 · Interest Income Fire Prevention		33.76
4070 · Interest Income-Retiremt Health		122.51
4080 · Interest Income Navigant CD		332.94
4105 · Reimbursed Ins.-Former Employee		14,779.25
4110 · Miscellaneous Other Income		1,014.00
4110.1 · Revenue Rescue Income		5,311.80
4110.3 · Detail Reimbursement		11,326.80
4110.4 · IOD Ins. Reimbursement		24,641.87
4110.6 · MLC Fees		8,125.00
4111 · Income Radio Box 2018		36,200.00
4115 · Tax Sale Fee Income		3,498.00
6100 · Vehicle Gas & Oil	11,945.99	
6101 · Vehicle Repair & Maintenance	25,360.80	
6110 · Equipment Purchase & Upgrading	1,306.97	
6112 · Equipment Supplies & Repairs	528.16	
6113 · Equip Testing & Certification	2,900.00	
6125 · First Aid Equip & Supplies	676.03	
6130 · Air Cascade Maintenance	731.52	
6145 · Shared Communications	1,782.68	
6150 · Fire Alarm Testing	324.00	
6200 · Electricity	10,057.20	
6201 · Gas & Hot Water	1,205.76	
6202.01 · Telephone	2,823.06	

**Cumberland Fire District**  
**Trial Balance**  
**As of September 30, 2018**

	Sep 30, 18	
	Debit	Credit
6202.02 · Air Cards	1,440.42	
6210 · Sewer Assessment & Usage	701.70	
6211 · Water Usage Fees	177.61	
6215.01 · Hydrant Fees - Cumberland	224,070.00	
6215.02 · Hydrant Fees - Pawtucket	34,817.81	
6301 · Building Supplies & Maint.	7,286.11	
6400.01 · Firefighters Salaries	642,216.90	
6400.02 · EMT Incentive	19,524.48	
6400.03 · OT Wages	248,429.00	
6400.08 · Holiday Stipend	41,760.42	
6400.09 · Longevity Pay	27,524.96	
6400.10 · Acting Officer Pay	561.70	
6400.11 · Detail Pay	4,620.00	
6400.13 · Injured on Duty Salaries	32,892.55	
6400.14 · Clothing Allowance	43,038.00	
6400.15 · Education Incentive	6,000.00	
6401 · Payroll Tax Expense	77,036.68	
6402 · Pension Expense	182,098.85	
6410.01 · Healthcare Insurance	219,043.80	
6410.02 · Healthcare Co-Pays		32,384.93
6410.03 · Healthcare Reimb. (HRA) -FF	13,704.00	
6410.04 · Healthcare -Dental	19,043.73	
6410.05 · Healthcare -Vision	5,000.00	
6420 · Life Insurance	7,500.00	
6430 · Education Tuition Cost	843.98	
6510.01 · Healthcare Insurance -Retirees	38,471.12	
6510.03 · Healthcare Reimb. (HRA)-Retiree	5,857.27	
6510.04 · Healthcare -Dental -Retirees	1,709.19	
6520 · COLA - Retirees	11,934.47	
6600 · Administrative Salaries	71,248.89	
6605 · District Commissioner Stipends	3,783.36	
6610.01 · Healthcare Insurance -Admin	23,316.04	
6610.02 · Healthcare Co-Pays -Admin		2,623.05
6610.03 · Healthcare Reimb. (HRA)-Admin	2,518.00	
6610.04 · Healthcare -Dental -Admin	1,974.38	
6615 · Payroll Tax Expense -Admin	5,244.40	
6701 · Insurances	278,975.00	
6703.01 · Legal	1,200.00	
6703.02 · Legal - CBA	3,225.00	
6705 · Office Supplies & Expenses	4,286.90	
6706 · Printing & Postage	898.92	
6708 · Computer Development Program	936.50	
6709 · Computerized Tax Bills	5,670.00	
6710 · External Accounting Fees	450.00	
6711 · Fire Chief Expenses	61.11	
6714 · Payroll Processing Fees	1,651.36	
6716 · Videographer	540.00	
6720 · Abatements	559.80	
6730 · Bank Service Fee	200.00	
6735 · IRS HRA Fee	142.38	
6800 · Affiliated Fire Associations	288.95	
6905.01 · Drills & Training	235.00	
6907 · Employee Support Health&Welfare	197.48	
7010 · Contingency	7,209.00	
7020 · Sick Time Payout	6,395.83	
7030 · Spec. Fund Radio Box Alarm	1,088.75	
7040 · Spec. Fund Fire Prevention Exp	3,682.82	
7050 · Tax - Legal & Collection Fees	577.90	
7080 · Interest Expense-L-1 Truck Loan	1,155.22	
9999 · Ask My Accountant	0.00	
<b>TOTAL</b>	<b><u>14,350,312.09</u></b>	<b><u>14,350,312.09</u></b>

1 **FC-R-2018-27-A**  
2 **CUMBERLAND FIRE DISTRICT**  
3 **Resolution**

4  
5  
6  
7 **RESOLUTION:** **Authorizing the Fire Chief to manage the LED Lighting Energy**  
8 **Efficiency Project for all Stations with RISE Engineering and**  
9 **National Grid**

10  
11 **WHEREAS:** Much of the existing lighting is in disrepair and/or missing at the four  
12 Stations and must be replaced.

13  
14 **WHEREAS:** National Grid and RISE Engineering have developed a proposal to replace  
15 existing lighting at the four Stations as included in the attached and  
16 incorporated "LED Lighting Energy Efficiency Proposal."

17  
18 **WHEREAS:** The cost of the project for Stations 1 and 4 is \$646.54 per month for 60  
19 months, to be financed by National Grid and a cost of \$16,921.00 for  
20 stations 2 and 5 due upon completion of the project.

21  
22 **WHEREAS:** The total cost of the project will be paid off through energy savings in  
23 approximately 4 years (3.5 - 4.0 years, depending on Station; see  
24 attached) and continued energy savings will be realized on a monthly  
25 basis after full pay-off of the cost.

26  
27 **NOW, THEREFORE, BE IT RESOLVED BY THE CUMBERLAND FIRE DISTRICT**  
28 **AS FOLLOWS:**

29  
30 **RESOLVED:** The Fire Chief shall manage the LED Lighting Energy Efficiency Project for  
31 all Stations with RISE Engineering and National Grid, and the Business  
32 Manager may pay the sum of \$646.54 per month to National Grid for 60  
33 months for Stations 1 and 4, and pay the sum of \$16,921.00 for Stations 2  
34 and 5 upon completion of project.

35  
36  
37  
38 Voted on this 23rd day of October, 2018

39  
40  
41 \_\_\_\_\_  
Cynthia Ouellette, Chairperson

42 PASSED:

43 YAY: NAY:

# Lighting Systems & Sensors Application 2018 Retrofit Program

**nationalgrid**  
HERE WITH YOU. HERE FOR YOU.

The Retrofit Program is designed for commercial and industrial customers to help replace aging, inefficient equipment and systems with energy efficient technologies. The Retrofit Program provides a customer with incentives and technical services that will facilitate the installation of premium efficient equipment. Call National Grid to arrange a convenient time to perform an inspection of the existing equipment or systems.

## Prescriptive Retrofit Application & Instructions For Replacement of Operating Equipment

### 1. Is your project eligible?

- Equipment shall be new and shall be installed in a commercial, industrial, institutional, educational, or municipal building within National Grid's electric service territory

### 2. Is the equipment you intend to buy eligible?

- Product types listed in this form are eligible for prescriptive incentives. However, other measures not listed here may be eligible for custom incentives using the Custom Retrofit Application

### 3. Pre-Approval requirements:

- Contact your National Grid representative before purchasing and installing the equipment
- To see if the energy efficient measure (EEM) qualifies for an incentive:
  - i. Review the Terms and Conditions governing the program, then submit a completed application form with an authorized signature
  - ii. Submit a copy of the Manufacturer's technical specification sheets ("cut sheets") for each type of eligible equipment to be purchased
  - iii. Once pre-approved, a "pre-approved incentive letter" will be issued

### 4. Installation and incentive requirements:

- Once pre-approved, purchase and install the qualifying equipment within twelve (12) months of National Grid's pre-approval
- Return the required information to your National Grid representative within 30 days of the installation:
  - i. A copy of the completed and signed pre-approval application
  - ii. If there is a change in equipment, please submit a new manufacturer's technical specification sheet ("cut sheet") for each type of eligible equipment purchased
  - iii. A copy of your invoice indicating Proof of Purchase must indicate type, size, make, and model number of the equipment and date of purchase and installation
  - iv. At the post-installation verification, the customer is required to sign the post-installation customer acknowledgement section of the original application

### Program details:

This incentive program covers applications created on or after January 1, 2018. Details of this Program, including incentive levels, are subject to change without prior notice. Contact National Grid for the latest program details.

These programs are funded by the energy efficiency charge on all customers' utility bills, in accordance with Rhode Island law.





# LIGHTING SYSTEMS AND SENSORS – ELIGIBILITY REQUIREMENTS AND INCENTIVE DETAILS

Facility lighting must average a minimum of 2,000 hours per year.

- Equipment that has received an incentive at the distributor level through the “Bright Opportunities” Upstream Lighting Program or through any other offering of the National Grid Program Administrators is not eligible for the incentives on this application.
- All LED fixtures must meet Design Lights Consortium (DLC) technical requirements as indicated per Product code. For information on technical requirements visit [www.designlights.org](http://www.designlights.org).

Fixture Types that are not defined by the categories below or not included in the current Design Lights Consortium – Technical Requirements Table V4.2 may be eligible for incentives under a Custom application. Contact your Program Administrator for more details.

**Table 1A: Lighting Systems Eligibility and Incentive Levels (Complete Table 1C for Lighting System Installations)**

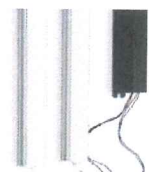





Product Code	Measure Description	Per Fixture Incentive		Eligibility Criteria	Min Watts Saved	Image
		DLC Standard	DLC Premium			
Table 1A.1: Re-Lamp & Re-Ballast Replacement Options						
81D	LED Two-foot and Four-foot Linear Retrofit Tube Kits (one incentive per fixture). <b>LED tubes that use the existing bi-pin fluorescent sockets are not eligible (Type B TLEDs).</b>	\$10	n/a	LED Two & Four foot Linear & U-Bend Retrofit Tube Kits and Driver. Eligible Retrofit LED Tube Kits are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #17, #18, #19 (UL Type C only) or #14 (Linear Retrofit Kits).	10	
81	LED Four-foot Linear Retrofit Tube Kits (one incentive per fixture). <b>LED tubes that use the existing bi-pin fluorescent sockets are not eligible (Type B TLEDs).</b>	\$20	n/a	LED Four-foot Linear Retrofit Tube Kits and Driver. Eligible Retrofit LED Tube Kits required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #17 (UL Type C only) or #14 (Linear Retrofit Kits).	20	
81M	LED Mogel Screw-Base (E39) Replacement for HID Lamps	\$50	n/a	LED Mogel Screw-Base (E39) Replacement for HID Lamps are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #20, #21, or #24. Contact your Program Adminstrator for a design guide.	100	
81MH	LED Mogel Screw-Base (E39) Replacement for HID Lamps - High Output	\$75	n/a	LED Mogel Screw-Base (E39) Replacement for HID Lamps are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #22 or #23. Contact your Program Adminstrator for a design guide.	200	
Table 1A.2: Commercial Interior Fixture Options						
88A	LED Indoor Troffer and Indoor Retrofit Kits: 1x4, 2x2, and 2x4	\$50	\$60	LED Interior 1x4, 2x2 and 2x4 Fixtures. Retrofit kits are eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #7 or if a retrofit kit #14 (Integrated Retrofit Kits only) or #15. <i>Not eligible if distributor-level incentives have been received.</i>	27	
88AP	Premium					
88B	LED Indoor Troffer: 1x4, 2x2, and 2x4	\$60	\$70	LED Interior 1x4, 2x2 and 2x4 Fixtures with opportunity for increased savings with increased watts saved of more than 33 watts. Retrofit kits are NOT eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #7. <i>Not eligible if distributor-level incentives have been received.</i>	33	
88BP	Premium					
88C	Adaptive LED Indoor Troffer: 1x4, 2x2, 2x4 Fixtures compatible with integral occupancy, photocell sensors and network controls, <b>measure code 63A</b>	\$65	\$75	Smart LED Interior Fixtures with integral occupancy, photocell sensors and network controls that are wirelessly configurable and adapt to use patterns. These systems require a remote control or a phone app to initialize, configure and commission. Must fill out table 1C & 1D. Eligible fixtures must meet DLC Technical Requirements #7. <i>Not eligible if distributor-level incentives have been received.</i>	33	
88CP	Premium					
89	LED Linear Ambient: Direct or with Indirect Component	\$60	\$70	LED Linear Ambient: Direct or with Indirect Component. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #8. Retrofit kits are NOT eligible for this incentive.	33	
89P	Premium					



Table 1A: Lighting Systems Eligibility and Incentive Levels (Complete Table 1C for Lighting System Installations)


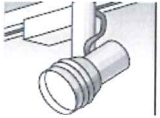



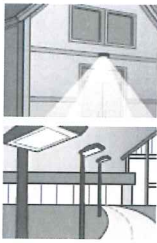
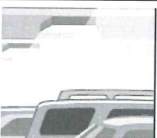


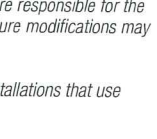
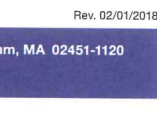
Product Code	Measure Description	Per Fixture Incentive		Eligibility Criteria	Min Watts Saved	Image
		DLC Standard	DLC Premium			
91 91P	LED Interior Directional: Wallwash/Wall Grazing Fixture Premium	\$50	\$60	LED Interior Directional - Wallwash/Wall Grazing Fixture, surface or recessed mounted. Retrofit kits are eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium or must meet DLC Technical Requirements #5	27	
84 84P	LED Track or Mono-Point Directional Fixtures Premium	\$20	\$30	Integral LED or Mono-Point mounted track fixtures. Eligible fixtures are required to be listed by Design Lights Consortium and must meet DLC Technical Requirements #5	30	
82A 82AP	LED Display Case: Cooler, Freezer Case or Refrigerated Shelving Fixtures - 3' & 4' Fixture Premium	\$30	\$40	Eligible LED Cooler and Freezer Case fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #6. Please specify quantity of end and/or center mount fixtures.	14	
82B 82BP	LED Display Case: Cooler, Freezer Case or Refrigerated Shelving Fixtures - 5' & 6' Fixture Premium	\$50	\$60	Eligible LED Cooler and Freezer Case fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #6. Please specify quantity of end and/or center mount fixtures.	23	
80B	LED Down Light Fixtures - Hard Wired or GU-24 base (≥25W-49W)	\$75	n/a	Eligible LED Down Lights are required to be hardwired or GU-24 base fixtures greater than or equal to 25 watts* up to a maximum of 49 watts and listed as a Commercial LED product by Energy Star. (for more information on all Down Lights see <a href="http://www.energystar.gov">www.energystar.gov</a> )	75	
80C	LED Down Light Fixtures - Hard Wired or GU-24 (≥50W)	\$150	n/a	Eligible LED Down Lights are required to be hardwired or GU-24 base fixtures greater than or equal to 50 watts and listed as a Commercial LED product by Energy Star. (for more information on all Down Lights see <a href="http://www.energystar.gov">www.energystar.gov</a> )	150	
86A 86AP	LED Interior High Bay/Low Bay (20W - 99W) Premium	\$100	\$150	LED Interior High Bay/Low Bay - minimum 20W. Retrofit kits are eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #9 or if a retrofit kit #16. Only one incentive per fixture or retrofit kit.	60	
86B 86BP	LED Interior High Bay/Low Bay (100W - 199W) Premium	\$200	\$250	LED Interior High Bay/Low Bay - minimum 100W. Retrofit kits are eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #9 or if a retrofit kit #16. Only one incentive per fixture or retrofit kit.	150	
86C 86CP	LED Interior High Bay (≥200W) Premium	\$300	\$350	LED Interior High Bay/Low Bay - minimum 200W. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #9. Only one incentive per fixture.	400	

Table 1A: Lighting Systems Eligibility and Incentive Levels (Complete Table 1C for Lighting System Installations)

Product Code	Measure Description	Per Fixture Incentive		Eligibility Criteria	Min Watts Saved	Image
		DLC Standard	DLC Premium			
Table 1A.3: Outdoor / Exterior / Harsh Environment Fixture Options						
85A	LED Outdoor Wall-Mounted /Pole/Arm-Mounted Area Fixtures (10W-99W)	\$75	\$100	LED Outdoor Area Fixtures- minimum 20W. Retrofit kits are eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #1, #2, #3 or if a retrofit kit #10, #11, or #12	60	
85AP	Premium					
85B	LED Outdoor Wall-Mounted /Pole/Arm-Mounted Area Fixtures (100W-199W)	\$150	\$200	LED Outdoor Area Fixtures- minimum 100W. Retrofit kits are eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #1, #2, #3 or if a retrofit kit #10, #11, #12, or #13	150	
85BP	Premium					
85C	LED Outdoor Wall-Mounted /Pole/Arm-Mounted Area Fixtures (>=200W)	\$200	\$300	LED Outdoor Area Fixtures- minimum 200W. Retrofit kits are NOT eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #1, #2, or #3 or #4	400	
85CP	Premium					
83A	LED Fixtures and Retrofit Kits for Parking Garage and Fuel Pump Canopy Luminaires (20W to 99W)	\$100	\$150	Eligible LED Fixtures or Retrofit Kits for LED Surface, Regressed, Canopy Mounted Vapor Tight Fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements Criteria #1, #2, #3 or if a retrofit kit #10, #11, or #12 for retrofit kit with ingress protection IP65 rating.	60	
83AP	Premium					
83B	LED Fixtures and Retrofit Kits for Parking Garage and Fuel Pump Canopy Luminaires (>=100W)	\$150	\$200	Eligible LED Fixtures or Retrofit Kits for LED Surface, Regressed, Canopy Mounted Vapor Tight Fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements Criteria #1, #2, #3 or if a retrofit kit #10, #11, or #12 for retrofit kit with ingress protection IP65 rating.	100	
83BP	Premium					
90A	LED Landscape/Accent/Architectural Floods & Spot, Exterior Stairway, Step Light and Bollard Fixtures.	\$50	\$75	LED Landscape/Accent/Architectural Floods & Spot, Exterior Stairway, Step Light and Bollard Fixtures. Retrofit kits are eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium or must meet DLC Technical Requirements #1, #2, or #3	25	
90AP	Premium					
90B	LED Landscape/Accent/Architectural Floods & Spot, Exterior Stairway, Step Light and Bollard Fixtures.	\$100	\$125	LED Landscape/Accent/Architectural Floods & Spot, Exterior Stairway, Step Light and Bollard Fixtures. Retrofit kits are eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium or must meet DLC Technical Requirements #1, #2, or #3	50	
90BP	Premium					









National Grid does not warrant or accept any liability whatsoever for LED 4ft or 2ft Linear Retrofit Kits that receive incentives through our energy efficiency programs. Customers are responsible for the proper modification and installation of LED 4ft and 2ft Linear Retrofit Kits in existing fixtures in accordance with manufacturer's instructions. Customers should be aware that fixture modifications may void fixture warranty. Customers are responsible for proper labeling of all modified existing fixtures.

It is the responsibility of the lighting installers to meet current Illuminating Engineering Society standards for light levels, light distribution, uniformity and lighting quality for all installations that use these prescriptive technologies.

DesignLights Consortium qualified LED products list and technical requirements can be found at: [www.designlights.org](http://www.designlights.org)

## LIGHTING SYSTEMS AND SENSORS – EFFICIENCY IMPROVEMENT OPPORTUNITIES

**Table 1B: Lighting Sensor Eligibility Criteria and Incentive Levels (Complete Table 1D for Lighting Sensor Installations).**

Product Code	Measure Description	Per Sensor Incentive	Eligibility Criteria	Controlled Wattage	Image
61	Remote Mounted Occupancy Sensor	\$30	Comply with manufacturer's coverage recommendations. Ceiling mounted control. No manual "ON" overrides permitted.	55	
62	Daylight Dimming System and/or Occupancy Controlled Dimming System	\$15 (per fixture)	Ballast or LED drivers must be automatically controlled based on occupancy or daylight levels.	25 (per fixture)	
63	Interior Integral Fixture Mounted Dual Sensors	\$20 (per fixture)	Integral fixture mounted dual sensors with motion and photocell/ambient light sensors. System to control motion response and illumination levels. Only one incentive per fixture.	25 (per fixture)	
63A	Integral Fixture Mounted Dual Sensors and Network-Capable Controls	\$30 (per fixture)	Integral fixture mounted dual sensors able to be programmed, configured, networked, and addressable. With motion and photocell/ambient light sensors along with embedded programming. System to control motion response, illumination levels and scheduling. Only one incentive per fixture. See the CALC Specification and QPL for specific requirements: <a href="http://www.designlights.org/content/CALC/SpecificationAndQPL">www.designlights.org/content/CALC/SpecificationAndQPL</a>	300W (Total wattage of networked group)	
64	Wall Mounted Occupancy Sensors	\$20	Occupancy Sensors must operate as Automatic On and Off. Sensors are wall mounted devices only. Vacancy Sensors with Manual ON/OFF options are allowed, however, manual "ON" overrides are not permitted.	25	
65	Photocell Sensors (exterior lighting systems on 24/7)	\$25	Photocell Sensor or Hard-Wired Astronomical Timer controlled for lighting systems that operate on 24 hours a day, 7 days a week (8,760 hours annually)	50	
65A	Outdoor Integral Fixture Mounted Programmable Controller	\$50 (per fixture)	Outdoor integral controller (may be NEMA mounted). Controller to be programmable and able to report, monitor, schedule, and control lamp/driver illumination levels. Communication capable between fixtures and a centralized network. System would allow network communication to receive and transmit data for configuring groups, addressability, reporting and advanced scheduling. Only one incentive per networked fixture.	400W (Total wattage of networked group)	
68	Integral Occupancy Sensor for High Bay Fixtures	\$25 (per fixture)	Fluorescent ballasts or LED drivers must be automatically controlled based on occupancy. Systems with manual "ON" or override switches are not eligible. Occupancy sensors must be integral to (built into) or permanently attached to each fixture.	70 (per fixture)	









## LIGHTING SYSTEMS AND SENSORS – ELIGIBILITY REQUIREMENTS AND INCENTIVE DETAILS

Facility lighting must average a minimum of 2,000 hours per year.

- Equipment that has received an incentive at the distributor level through the "Bright Opportunities" Upstream Lighting Program or through any other offering of the National Grid Program Administrators is not eligible for the incentives on this application.
- All LED fixtures must meet Design Lights Consortium (DLC) technical requirements as indicated per Product code. For information on technical requirements visit [www.designlights.org](http://www.designlights.org). Fixture Types that are not defined by the categories below or not included in the current Design Lights Consortium – Technical Requirements Table V4.2 may be eligible for incentives under a Custom application. Contact your Program Administrator for more details.

Table 1A: Lighting Systems Eligibility and Incentive Levels (Complete Table 1C for Lighting System Installations)

Product Code	Measure Description	Per Fixture Incentive		Eligibility Criteria	Min Watts Saved	Image
		DLC Standard	DLC Premium			
Table 1A.1: Re-Lamp & Re-Ballast Replacement Options						
81D	LED Two-foot and Four-foot Linear Retrofit Tube Kits (one incentive per fixture). <b>LED tubes that use the existing bi-pin fluorescent sockets are not eligible (Type B TLEDs).</b>	\$10	n/a	LED Two & Four foot Linear & U-Bend Retrofit Tube Kits and Driver. Eligible Retrofit LED Tube Kits are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #17, #18, #19 (UL Type C only) or #14 (Linear Retrofit Kits).	10	
81	LED Four-foot Linear Retrofit Tube Kits (one incentive per fixture). <b>LED tubes that use the existing bi-pin fluorescent sockets are not eligible (Type B TLEDs).</b>	\$20	n/a	LED Four-foot Linear Retrofit Tube Kits and Driver. Eligible Retrofit LED Tube Kits required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #17 (UL Type C only) or #14 (Linear Retrofit Kits).	20	
81M	LED Mogel Screw-Base (E39) Replacement for HID Lamps	\$50	n/a	LED Mogel Screw-Base (E39) Replacement for HID Lamps are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #20, #21, or #24. Contact your Program Administrator for a design guide.	100	
81MH	LED Mogel Screw-Base (E39) Replacement for HID Lamps - High Output	\$75	n/a	LED Mogel Screw-Base (E39) Replacement for HID Lamps are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #22 or #23. Contact your Program Administrator for a design guide.	200	
Table 1A.2: Commercial Interior Fixture Options						
88A	LED Indoor Troffer and Indoor Retrofit Kits: 1x4, 2x2, and 2x4	\$50		LED Interior 1x4, 2x2 and 2x4 Fixtures. Retrofit kits are eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #7 or if a retrofit kit #14 (Integrated Retrofit Kits only) or #15. <i>Not eligible if distributor-level incentives have been received.</i>	27	
88AP	Premium		\$60			
88B	LED Indoor Troffer: 1x4, 2x2, and 2x4	\$60		LED Interior 1x4, 2x2 and 2x4 Fixtures with opportunity for increased savings with increased watts saved of more than 33 watts. Retrofit kits are NOT eligible for this incentive. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #7. <i>Not eligible if distributor-level incentives have been received.</i>	33	
88BP	Premium		\$70			
88C	Adaptive LED Indoor Troffer: 1x4, 2x2, 2x4 Fixtures compatible with integral occupancy, photocell sensors and network controls, <b>measure code 63A</b>	\$65		Smart LED Interior Fixtures with integral occupancy, photocell sensors and network controls that are wirelessly configurable and adapt to use patterns. These systems require a remote control or a phone app to initialize, configure and commission. Must fill out table 1C & 1D. Eligible fixtures must meet DLC Technical Requirements #7. <i>Not eligible if distributor-level incentives have been received.</i>	33	
88CP	Premium		\$75			
89	LED Linear Ambient: Direct or with Indirect Component	\$60		LED Linear Ambient: Direct or with Indirect Component. Eligible fixtures are required to be listed by the Design Lights Consortium and must meet DLC Technical Requirements #8. Retrofit kits are NOT eligible for this incentive.	33	
89P	Premium		\$70			

**Table 1C: Retrofit Lighting Systems Inventory Worksheet**

Building and Room Identification (Installation Site): \_\_\_\_\_

		Existing Fixtures (Retrofit only)					Proposed Fixtures							
	Location	Qty	Lamp/Ballast Description	Device Code*	Existing Watts per Fixture/Device	Product Code** (Table 1A)	Qty	Lamp/Ballast Description	Device Code*	Proposed Watts per Fixture/Device	Annual Operating Hours***	Unit Incentive \$	Total Incentive \$	
Ex.	Lobby-East Entrance	4	4' 3 lamp T12 Magnetic	3F40SEM	110 watts	88A	4	LED Interior 2x2 Fixture	1LO35	35 watts	3,200 hours	\$50	\$200	
1														
2														
3														
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5														
6														
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9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
If necessary, use embedded Excel file to document additional inventory. <input type="button" value="Open File"/>												<b>Total Requested Incentive (this page):</b>		

NOTE: An electronic version (Excel) of this sheet must be submitted for inventories exceeding this page.

\* The Device Code list is available within the additional tabs of the embedded Excel spreadsheet.

\*\* For all DLC Premium LED fixtures please add a P at the end of the Product Codes outlined in Table 1A (i.e. 88AP)

\*\*\* Facility lighting must average a minimum of 2,000 hours per year, except Municipal Facilities who must contact their Program Administrator for more information on eligibility requirements.

**Table 1D: New Construction Lighting Sensors Inventory Worksheet**

Building and Room Identification (Installation Site): \_\_\_\_\_

	Specific Location of Sensors	Measure Code (Table 1B)	Device Code	Qty of Sensors	Qty of Controlled Fixtures	Fixture Description	Total Watts per Sensor	Annual Hours prior to installation of controls	Annual Hours saved due to controls	Annual Hours of Operation	Unit Incentive \$	Total Incentive \$
Ex.	Lobby-East Entrance	61	2F32SSE	1	4	Four Foot T8 System	240	2500			\$30	\$30
1												
2												
3												
4												
5												
6												
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If necessary, use embedded Excel file to document additional inventory.

Open File

Total Requested Incentive (this page):





## TERMS AND CONDITIONS

### 1. Incentives

Subject to these Terms & Conditions, the Program Administrator will pay Incentives to Customer for the installation of EEMs.

### 2. Definitions

- (a) "Customer" means the customer maintaining an account for service with the Program Administrator, and who satisfies the Program eligibility requirements established by the Program Administrator.
- (b) "EEMs" are those energy efficiency measures described in the Program Materials or other Custom Measures that may be approved by the Program Administrator.
- (c) "Facility" means the Customer location served by the Program Administrator where EEMs are to be installed.
- (d) "Incentives" means those payments made by the Program Administrator to Customers pursuant to the Program and these Terms and Conditions.
- (e) "National Grid" means [The Narragansett Electric Company d/b/a National Grid, as applicable].
- (f) "Program" means the energy efficiency program offered by the Program Administrator to Customers.
- (g) "Program Administrator" means National Grid.
- (h) "Program Materials" means the documents and information provided by the Program Administrator specifying the qualifying EEMs, technology requirements, costs and other Program requirements, which include, without limitation, program guidelines and requirements, application forms and approval letters.

### 3. Application Process and Requirement For Program Administrator Approval

- (a) The Customer shall submit a completed application in the form specified by the Program Administrator. Submission of a completed application does not alone entitle Customer to participation in the Program. Program Administrator reserves the right to reject any application, prior to pre-approval, for any reason whatsoever. In addition, at the Program Administrator's discretion, the Customer may be required to provide the Program Administrator with a copy of the detailed specifications and scope of work, as well as an analysis of the savings and/or demand reduction, for the EEMs proposed for approval. Customer will upon request by the Program Administrator provide a copy of the as-built drawings and equipment submittals for the Facility after EEMs are installed. This analysis shall be prepared by a Professional Engineer licensed in the state where the Facility is located to the extent required by the Program Administrator or by applicable law, regulation or code.
- (b) The Program Administrator will review the Customer's application and supporting documentation to determine the energy savings and demand reduction potential. The Program Administrator reserves the right to reject or modify any calculations, based on the Program Administrator's own analysis.
- (c) The Program Administrator is not obligated to pay any Incentives unless the authorized representative of the Program Administrator issues an approval letter regarding the EEMs proposed by the Customer, and any necessary pre- and post- installation verification activity is successfully completed by the Program Administrator. The Program Administrator's approval letter shall state the maximum approved Incentive amount and the date by which the EEMs must be fully installed and operational to qualify for Incentive payments. The Program Administrator may also require the Customer to execute additional agreements, or provide other documentation regarding the proposed EEM installation and Incentive payment(s).
- (d) The Customer will have no right to receive, and the Program Administrator will have no obligation to pay, Incentives for any EEMs that have not been approved in writing in advance by the Program Administrator, unless the Program Materials state that such prior approval is not required. Further, the Program Administrator is not obligated to pay Incentives for projects which were pre-approved but are determined to not comply with Program requirements after installation is complete.
- (e) The Program Administrator reserves the right to approve or disapprove of any application or proposed EEMs.
- (f) The Program Administrator will only pay incentives for the specific EEMs listed on the front of the application. If the customer has received an Upstream incentive for a measure listed on this form, the customer is not eligible to receive an additional incentive for the same measure.

### 4. Pre- and Post-Installation Verification and Follow-Up Visits

- (a) The Program Administrator is not obligated to pay any Incentives until the Program Administrator has performed a satisfactory pre-installation inspection (unless the Program Materials state such pre-inspection is not required) and post-installation verification of the installation. If the Program Administrator determines that any EEMs were not installed in accordance with these Terms and Conditions, the Program Materials and the Program Administrator's approval, the Program Administrator shall have the right to require modifications before having the obligation to make any Incentive payments. At its discretion the Program Administrator may also withhold payment of Incentives until it has been verified that the Customer has received, as appropriate, final drawings, operation and maintenance manuals, and operator training, and the Program Administrator has received documentation detailing the installation of the EEMs in accordance with these Terms and Conditions, the Program Materials and the Program Administrator's approval.
- (b) Program Administrator reserves the right to make a reasonable number of follow-up visits to the Facility during the twenty-four months following the actual completion date noted on the customer report. Such visit(s) will occur at times mutually agreed upon by Program Administrator and Customer. The purpose of the follow-up visits is to provide the Program Administrator with an opportunity to review the operation of the EEMs and not to impact on the Incentives paid to the Customer.

### 5. Monitoring and Inspection

The Program Administrator reserves the right to perform monitoring and inspection of the EEMs for a three year period following completion of the installation in order to determine the actual demand reduction and energy savings. As a condition of receiving an Incentive, the Customer agrees to provide access and information to the Program Administrator and cooperate with the Program Administrator regarding such activity.

### 6. Site-Specific Custom Measures

The Program Administrator will only approve of those site-specific custom EEMs that the Program Administrator believes have cost-effective energy savings potential. In any case, the Program Administrator reserves the right to approve or disapprove of any such EEMs proposed by Customer.

### 7. Incentive Amounts

- (a) The Program Administrator reserves the right to adjust and/or negotiate the Incentive amount, prior to pre-approval or as set forth in these Terms and Conditions and the Program Materials.
- (b) Once an Incentive amount is pre-approved, the Program Administrator will pay no more than the cost to the Customer of purchasing and installing the EEM, or the pre-approved Incentive amount, whichever is less.
- (c) The Program Administrator reserves the right to reduce or eliminate the Incentive amount if (1) the quantity and/or qualifying costs of EEMs actually installed differs from the pre-approved amounts, or (2) the EEMs were not installed in accordance with these Terms and Conditions, the Program Materials or the Program Administrator's approval, or which have not been properly maintained, have been altered or disconnected, or in the event of a shutdown or significant reduction of operations at the facility where the EEMs are located. In addition the Customer shall be obligated to refund such Incentive amounts paid by the Program Administrator where the projected energy savings have not been achieved as a result of the foregoing circumstances.

### 8. Equipment and Installation

Customer shall be responsible for ensuring that the EEMs are installed and operated in accordance with applicable laws, regulations and codes and that all applicable permits and inspections are obtained. Customer shall provide the Program Administrator with copies of all invoices and related documents (including all materials, labor, and equipment discounts) relating to the purchase and installation of the EEMs. The itemized invoices shall include detail of all EEMs including the model, quantity and cost for each EEM, and shall identify any applicable discounts or Incentives. The Customer shall provide detail on the installation location of the EEMs in the format specified by the Program Administrator, and such other documentation and information as the Program Administrator may request, including, without limitation, copies of permits and contractor and supplier invoices, orders and records. The Program Administrator reserves the right to determine in its reasonable discretion the appropriate costs of EEMs in order to calculate the Incentive amount. Program Administrator will recognize installation costs only to the extent that such costs are reasonable (as determined by Contractor Administrator) and actually incurred by the Customer.

### 9. Installation Schedule Requirements

If the Customer does not complete installation of the approved EEMs within the earlier of the completion date specified in the Program Administrator's approval letter or twelve (12) months from the date the Program Administrator issues pre-approval of the EEM project, the Program Administrator may terminate any obligation to make Incentive payments.

### 10. Incentive Payment Conditions

Provided that the Customer has satisfied its obligations, the Program Administrator shall use commercially reasonable efforts to pay each Incentive amount to the Customer within forty-five (45) days after all of the following conditions are met: (1) Program Administrator's approval of the EEM project has been provided; (2) all applicable permits, licenses and inspections have been obtained by the Customer; (3) installation of the EEMs has been completed in accordance with the requirements hereof; and (4) the Program Administrator has verified all product and installation costs and the satisfactory installation of the EEMs, all in accordance with the terms hereof. Customer shall not assign any of its rights or obligations referenced in these Terms and Conditions or in the Program Materials (including, without limitation, the right to receive Incentive payments) without first obtaining the written consent of the Program Administrator.





## TERMS AND CONDITIONS (CONTINUED)

### 11. Contractor Shared Savings Arrangements

If EEMs are being installed by a contractor under a shared savings arrangement, the Program Administrator reserves the right to determine the cost of purchasing and installing the EEMs.

### 12. Maintenance of EEMs

Customer acknowledges and agrees that Customer shall operate and maintain the EEMs in accordance with the manufacturer's recommendations and the terms hereof, and shall replace consumable parts and other components with comparable or superior efficient products at the Customer's expense. Customers who install energy-efficient lighting EEMs are expected to replace any of the energy-efficient lights that burn out with lights of similar or superior energy savings efficiency at the Customer's expense.

### 13. Program/Terms and Conditions Changes

Program expenditures, requirements and eligibility, and these Terms & Conditions, may be changed by the Program Administrator at any time without notice. The Program Administrator reserves the right, for any reason, to withhold approval of projects and any EEMs, and to cancel or alter the Program, at any time without notice. Approved applications will be processed under the Terms and Conditions in effect at the time of the pre-approval by the Program Administrator.

### 14. Customer Information on Participation

The Customer grants to National Grid the right to use and reference the Customer's participation in the Program and the energy savings relating to the Customer's participation in the Program for regulatory purposes. National Grid shall keep Customer's information in strict confidence, shall exercise reasonable care to maintain the confidentiality, and shall not divulge Customer's information to any third party without the prior written consent of the Customer, except to the extent expressly permitted by these Terms and Conditions.

### 15. Indemnification and Limitation of the Program Administrator's Liability

Customer shall indemnify, defend and hold harmless Program Administrator, its affiliates and their respective contractors, officers, directors, employees, agents, and representatives from and against any and all claims, damages, losses and expenses, including reasonable attorneys' fees and costs incurred to enforce this indemnity, arising out of, resulting from, or related to the Program or the performance of any services or other work in connection with the Program ("Damages"), caused or alleged to be caused in whole or in part by any actual or alleged act or omission of the Customer, any subcontractor, agent, or third party, or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable.

To the fullest extent allowed by law, the Program Administrator's aggregate liability, regardless of the number of claims, shall be limited to paying approved Incentives in accordance with these Terms and Conditions and the Program Materials, and the Program Administrator and its affiliates and their respective contractors, officers, directors, employees, agents, representatives shall not be liable to the Customer or any other party for any other obligation. To the fullest extent allowed by law and as part of the consideration for participation in the Program, the Customer waives and releases the Program Administrator and its affiliates from all obligations (other than payment of an Incentive), and for any liability or claim associated with the EEMs, the performance of the EEMs, the Program, or these Terms and Conditions.

### 16. No Warranties or Representations by the Program Administrator

- (a) THE PROGRAM ADMINISTRATOR DOES NOT ENDORSE, GUARANTEE, OR WARRANT ANY CONTRACTOR, MANUFACTURER OR PRODUCT, AND THE PROGRAM ADMINISTRATOR MAKES NO WARRANTIES OR GUARANTEES IN CONNECTION WITH ANY PROJECT, OR ANY SERVICES PERFORMED IN CONNECTION HERewith OR THEREWITH, WHETHER STATUTORY, ORAL, WRITTEN, EXPRESS, OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS DISCLAIMER SHALL SURVIVE ANY CANCELLATION, COMPLETION, TERMINATION OR EXPIRATION OF THE CUSTOMER'S PARTICIPATION IN THE PROGRAM. CUSTOMER ACKNOWLEDGES AND AGREES THAT ANY WARRANTIES PROVIDED BY ORIGINAL MANUFACTURERS', LICENSORS', OR PROVIDERS' OF MATERIAL, EQUIPMENT, OR OTHER ITEMS PROVIDED OR USED IN CONNECTION WITH THE PROGRAM UNDER THESE TERMS AND CONDITIONS, INCLUDING ITEMS INCORPORATED IN THE PROGRAM, ("THIRD PARTY WARRANTIES") ARE NOT TO BE CONSIDERED WARRANTIES OF THE PROGRAM ADMINISTRATOR AND THE PROGRAM ADMINISTRATOR MAKES NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES AS TO THE APPLICABILITY OR ENFORCEABILITY OF ANY SUCH THIRD PARTY WARRANTIES. THE TERMS OF THIS SECTION SHALL GOVERN OVER ANY CONTRARY VERBAL STATEMENTS OR LANGUAGE APPEARING IN ANY PROGRAM MATERIALS OR OTHER DOCUMENTS PROVIDED BY PROGRAM ADMINISTRATOR.
- (b) Neither the Program Administrator nor any of its employees or contractors is responsible for determining that the design, engineering or installation of the EEMs is proper or complies with any particular laws, codes, or industry standards. The Program Administrator does not make any representations of any kind regarding the benefits or energy savings to be achieved by the EEMs or the adequacy or safety of the EEMs.
- (c) Customer acknowledges and agrees that it is solely responsible (directly-based on its own judgment or indirectly-based on the advice of an independent expert (not the Program Administrator)) for all aspects of the EEMs and related work including, but not limited to: selecting the equipment; selecting contractors to perform the work; inspecting the work and the equipment; ensuring that the equipment is in good working order and condition; ensuring that the equipment is of the manufacture, design specifications, size and capacity selected by the Customer and that the same is properly installed and suitable for Customer's purposes; and determining if work was properly performed.
- (d) Customer agrees and acknowledges that Program Administrator is not a manufacturer of, or regularly engaged in the sale or distribution of, or an expert with regard to, any equipment or work.
- (e) By participating in the Program, the Customer acknowledges and agrees that no activity by the Program Administrator includes any kind of safety, code or other compliance review.
- (f) The provisions of this Section 16 shall survive the termination, cancellation or completion of the Customer's participation in the Program.

### 17. Equipment, Contractor Selection and Contracting

Customer is responsible for selecting and purchasing the EEMs and selecting and contracting with the design and installation contractor(s). The Customer shall be responsible for enforcing all such contracts and for assuring that the EEMs meet Program requirements and applicable laws, regulations and codes, and that the contractor(s) are properly qualified, licensed and insured. Notwithstanding the foregoing, the Customer acknowledges that the Program Administrator reserves the right to deny a vendor or contractor to participate in this Program or provide equipment or services. The Program Administrator also has the right to exclude certain equipment from the Program.

### 18. Removal of Equipment

The Customer agrees, as a condition of participation in the Program to properly remove and dispose of or recycle the equipment, lamps and components in accordance with all applicable laws, regulations and codes. The Customer agrees not to re-install any of removed equipment in the state of Rhode Island or the service territory of any affiliate of the Program Administrator, and assumes all risk and liability associated with the reuse and disposal thereof.

### 19. Energy Benefits

Other than the energy cost savings realized by Customer, the Program Administrator is entitled to 100% of the benefits and rights associated with the EEMs, including without limitation ISO-NE products and all other attributes, credits or products associated therewith under any regional initiative or federal, state or local law, program or regulation or program, and Customer waives, and agrees not to seek, any right to the same.

### 20. Customer Must Declare and Pay All Taxes

The benefits conferred upon the Customer through participation in this Program may be taxable by the federal, state, and local government. The Customer is responsible for declaring and paying all such taxes. The Program Administrator is not responsible for the payment of any such taxes.

### 21. Counterpart Execution; Scanned Copy.

Any and all agreements and documents requiring signature related hereto may be executed in several counterparts, each of which, when executed, shall be deemed to be an original, but all of which together shall constitute one and the same instrument. A scanned or electronically reproduced copy or image of such agreements and documents bearing the signatures of the parties shall be deemed an original and may be introduced or submitted in any action or proceeding as competent evidence of the execution, terms and existence of such agreements and documents notwithstanding the failure or inability to produce or tender an original, executed counterpart of the same and without the requirement that the unavailability of such original, executed counterpart of the same first be proven.

### 22. Miscellaneous

- (a) Paragraph headings are for the convenience of the parties only and are not to be construed as part of these Terms and Conditions.
- (b) If any provision of these Terms and Conditions is deemed invalid by any court or administrative body having jurisdiction, such ruling shall not invalidate any other provision, and the remaining provisions shall remain in full force and effect in accordance with their terms.
- (c) These Terms and Conditions shall be interpreted and enforced according to the laws of the state of Rhode Island.
- (d) In the event of any conflict or inconsistency between these Terms and Conditions and any Program Materials, these Terms and Conditions shall be controlling.
- (e) Except as expressly provided herein, there shall be no modification or amendment to these Terms and Conditions or the Program Materials unless such modification or amendment is in writing and signed by a duly authorized officer of the Program Administrator.
- (f) The provisions of Sections 5, 7, 8, 9, 11, 13, 15, 16, 18, 19, 20, and 21 (including any other sections herein that specifies by its terms that it survives termination) shall survive the termination or expiration of the Customer's participation in the Program. Terms and Conditions





# Lighting Systems & Sensors Application 2018 Retrofit

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ALL FIELDS ON THIS PAGE ARE REQUIRED TO COMPLETE YOUR APPLICATION.

## CUSTOMER/ACCOUNT HOLDER INFORMATION

COMPANY NAME CUMBERLAND FIRE DEPARTMENT		CONTACT PERSON KENNETH FINLAY		APPLICATION DATE Oct 2, 2018	
INSTALL SITE STATION 1		PHONE 401-658-0544		FAX NUMBER	
EMAIL ADDRESS KFINLAY@CUMBERLANDFIRE.ORG		SQUARE FEET (COVERED BY THIS APPLICATION)			
STREET ADDRESS 555 HIGH ST		CITY CUMBERLAND		STATE RI	
MAILING ADDRESS (IF DIFFERENT)		CITY		STATE	
ELECTRIC COMPANY NAME National Grid		ELECTRIC ACCOUNT NUMBER (OR COPY OF ELECTRIC BILL)			
GAS COMPANY NAME		GAS ACCOUNT NUMBER (OR COPY OF GAS BILL)			

### BUILDING TYPE (PLEASE PLACE "X" IN APPROPRIATE BALLOT BOX)

<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> FAST FOOD	<input type="checkbox"/> HOTEL	<input type="checkbox"/> MULTI STORY RETAIL	<input type="checkbox"/> SMALL OFFICE	<input type="checkbox"/> UNIVERSITY
<input type="checkbox"/> AUTOMOTIVE	<input type="checkbox"/> FULL SERVICE RESTAURANT	<input type="checkbox"/> LARGE REFRIGERATED SPACE	<input type="checkbox"/> RELIGIOUS	<input type="checkbox"/> SMALL RETAIL	<input type="checkbox"/> WAREHOUSE
<input type="checkbox"/> BIG BOX	<input type="checkbox"/> GROCERY	<input type="checkbox"/> LARGE OFFICE	<input type="checkbox"/> K-12 SCHOOL		
<input type="checkbox"/> COMMUNITY COLLEGE	<input type="checkbox"/> HEAVY INDUSTRIAL	<input type="checkbox"/> LIGHT INDUSTRIAL	<input type="checkbox"/> OTHER:		
<input type="checkbox"/> DORMITORY	<input type="checkbox"/> HOSPITAL	<input type="checkbox"/> MOTEL			

### PROJECT TYPE (select one)

<input type="checkbox"/> CHANGE IN THE USE OR FUNCTION OF THE BUILDING SPACE	<input type="checkbox"/> NEW BUILDING	<input type="checkbox"/> EXPANSION OF AN EXISTING BUILDING	<input type="checkbox"/> PLANNED REPLACEMENT OF EQUIPMENT
<input type="checkbox"/> NEW EQUIPMENT FOR NEW PROCESS OR EXPANDED OPERATION	<input type="checkbox"/> RENOVATION OF EXISTING EQUIPMENT	<input type="checkbox"/> NEW CONTROLS FOR IMPROVED OPERATIONS	<input type="checkbox"/> REPLACEMENT OF FAILED EQUIPMENT

## PAYMENT METHOD (PAYEE MUST SUBMIT A W-9 FORM)

PAYMENT TO: <input type="checkbox"/> CUSTOMER <input checked="" type="checkbox"/> VENDOR/INSTALLER	CUSTOMER — TAX ID# (REQUIRED)	VENDOR/INSTALLER — TAX ID# (REQUIRED IF RECEIVING INCENTIVE) 05-0405629
CHECK PAYABLE TO:	CUSTOMER COMPANY TYPE: <input type="checkbox"/> INC. <input type="checkbox"/> NOT INCORP. <input checked="" type="checkbox"/> EXEMPT	VENDOR COMPANY TYPE: <input checked="" type="checkbox"/> INC. <input type="checkbox"/> NOT INCORP. <input type="checkbox"/> EXEMPT

## VENDOR INFORMATION

AUTHORIZED VENDOR/INSTALLER RISE Engineering		CONTACT NAME Brian Pincince	
STREET ADDRESS 1341 Elmwood Ave		CITY Cranston	
PHONE (401) 784-3700		STATE RI	
		ZIP 02910	
DATE Oct 2, 2018		EMAIL ADDRESS bpincince@riseengineering.com	

AUTHORIZED VENDOR/INSTALLER SIGNATURE (NOT APPLICABLE IF CUSTOMER IS PAYEE.)

**X** Brian Pincince

Digitally signed by Brian Pincince  
DN: cn=Brian Pincince, o=Rise Engineering, ou=Email, email=brian.pincince@riseengineering.com, c=US  
Date: 2018.10.02 15:03:22 -0400

## TOTAL ESTIMATED PROJECT COST AND COMPLETION DATE

**TOTAL ESTIMATED COST OF LABOR AND MATERIALS: \$**  
(An actual invoice must be submitted to National Grid before final payment of incentive will be made.)

**\$19,335.00**

**ANTICIPATED COMPLETION DATE:**  
Dec 31, 2018

## CUSTOMER ACCEPTANCE OF TERMS

### PRE-INSTALLATION

☐ I CERTIFY THAT ALL STATEMENTS MADE IN THIS APPLICATION ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT I HAVE READ AND AGREE TO THE TERMS AND CONDITIONS ON THE BACK OF THIS FORM.

DATE	PRINT NAME Ken Finlay	AUTHORIZED SIGNATURE <b>X</b>
------	--------------------------	----------------------------------

### POST-INSTALLATION

☐ I CERTIFY THAT I HAVE SEEN THE ENERGY EFFICIENCY MEASURES THAT HAVE BEEN INSTALLED AND I AM SATISFIED WITH THEIR INSTALLATION.

DATE	PRINT NAME	AUTHORIZED SIGNATURE <b>X</b>
------	------------	----------------------------------



October 08, 2018

Ken Finlay  
VALLEY FALLS FIRE  
555 HIGH ST  
CUMBERLAND, RI 02864

RE: Energy Initiative Pre-approval with OBR for VALLEY FALLS FIRE, CUMBERLAND, RI 02864

Electric Account Number: 1414210004

Application Number: 7925602

Dear Ken Finlay:

National Grid\* has pre-approved your incentive application for VALLEY FALLS FIRE, 555 High St, Cumberland, RI 02864. After reviewing the Application and a pre-installation survey of VALLEY FALLS FIRE's facility, National Grid has determined that VALLEY FALLS FIRE's project as set forth in the Application Valley Falls Fire qualifies for incentive payments from National Grid that will total \$3,952.50 if completed as planned and in accordance with applicable terms and conditions.

In addition, VALLEY FALLS FIRE qualifies for National Grid's on-bill repayment option. Accordingly, National Grid will pay for the Project's Authorized on Bill Repayment amount \$15,382.50. VALLEY FALLS FIRE agrees to pay back to National Grid the Authorized on Bill Repayment amount. On Bill Repayment to National Grid will be made through VALLEY FALLS FIRE's electric bill for the Facility in 60 consecutive monthly installments of \$256.38. Incentive check and authorized on-bill repayment will be made out to :PROJECT EXPEDITOR. The on-bill Repayment will begin once the Project has been completed.

Please note that VALLEY FALLS FIRE's participation in the Energy Initiative program and National Grid's payment of the Incentives and Authorized On Bill Repayments are subject to terms and conditions included in the Application and which are detailed in the customer report, as well as minimum requirements document:

☐

applicable

☒

not applicable

(See Minimum Requirements Document dated N/A attached).

In addition to such terms and conditions, VALLEY FALLS FIRE agrees to the following:

#### 1. Project Completion:

To be eligible to receive the Incentives for this Application, the equipment must be installed by Apr-08-2019

#### 2. Completed Application:

The application form must be completed including paid invoices (with material and labor costs and equipment discounts itemized) as well as other documentation for all installed measures must be attached.

\* ["National Grid" means [Massachusetts Electric Company d/b/a National Grid, Nantucket Electric Company d/b/a National Grid or The Narragansett Electric Company d/b/a National Grid, as applicable]

### **3. Post-Installation Verification –**

A National Grid representative may conduct a post-installation verification of the newly installed equipment to ensure that the installation is consistent with the Application as pre-approved, represents sound engineering practices, and complies with the attached Minimum Requirements Document (if applicable).

### **4. Project Changes After Pre-approval –**

This pre-approval commitment requires VALLEY FALLS FIRE to notify National Grid prior to commencing construction if changes to the Project are necessary. National Grid will determine whether the proposed change(s) requires revisions to your Application or Incentive.

### **5. On-Bill Repayment Option –**

Authorized On Bill Repayment will be used by VALLEY FALLS FIRE solely in connection with the Project and in accordance with the Program's terms and conditions. The Authorized On Bill Repayment is subject to change in the event of any change in the Incentive amount or total cost of the Project. Further, if physical on-site construction has not begun or substantial procurement action has not been taken for the Project within sixty (60) days of the date of this pre-approval letter, and/or if the equipment has not been installed by the Program year end, the Authorized On Bill Repayment may be rescinded or reduced by National Grid at its sole discretion.

Please sign below and send a signed copy back to me at the following address Email Only  
Your signature below confirms that (a) you have read this Pre-Approval Letter and VALLEY FALLS FIRE accepts the above listed terms and conditions, (b) you are an authorized representative with the proper authority to sign on behalf of VALLEY FALLS FIRE.

Please call me with questions. Thank you for participating in National Grid's Energy Efficiency Programs.

Sincerely,

Jerome Drummond

[jerome.drummond@nationalgrid.com](mailto:jerome.drummond@nationalgrid.com)

**Acknowledged and Accepted:**

**VALLEY FALLS FIRE**

By: \_\_\_\_\_

Print: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



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# CUMBERLAND FIRE DISTRICT

## LED LIGHTING ENERGY EFFICIENCY PROPOSAL



**STATION 1  
555 HIGH ST  
CUMBERLAND, RI 02864  
OCTOBER 12, 2018**

*Brian Pincince  
Energy Specialist  
RISE Engineering  
bpincince@RISEengineering.com*



## DESIGN / LAYOUT MODIFICATIONS:

- ALL EXISTING 2X2 AND 2X4 TROFFERS WILL BE REPLACED WITH NEW LED FIXTURES
- REPLACE ANY EXISTING FLUORESCENT STRIP AND WRAP FIXTURES WITH LED
- INSTALL WALL SWITCH OCCUPANCY SENSORS FOR SPECIFIED OFFICE AREAS AND RESTROOMS
- INSTALL OCCUPANCY SENSORS FOR SPECIFIED GARAGE BAY AREAS
- REPLACE ALL EXISTING EXTERIOR HID LIGHTING WITH NEW LED FIXTURES WITH PHOTOCELLS

## TURNKEY SERVICES INCLUDES THE FOLLOWING:

- APPLICATION AND INCENTIVE PROCUREMENT WITH NATIONAL GRID
- PROJECT MANAGEMENT
- INSTALLATION & MATERIAL
- STORAGE TRAILERS
- RECYCLING LAMPS/BALLASTS
- DUMPSTERS (FIXTURE & TRASH REMOVAL)

*\*2-3 WEEK LEAD TIME ON MATERIAL*

*\*1-2 WEEK INSTALLATION*

**CUMBERLAND FD STATION 1 LED LIGHTING**

**Financial Summary**

<b>Total Project Cost</b>	<b>\$</b>	<b>19,335</b>
<b>Estimated Electric Incentive</b>	<b>\$</b>	<b>(3,953)</b>
<b>Customer Net Cost</b>	<b>\$</b>	<b>15,383</b>
<b>Estimated Energy Cost Savings Annually</b>	<b>\$</b>	<b>3,859</b>
<b>Estimated Maintenance Savings</b>	<b>\$</b>	<b>500</b>
<b>Return on Investment (ROI)</b>		<b>28%</b>
<b>Simple Payback in Years</b>		<b>3.5</b>

**Energy Savings**

<b>kW Reduction</b>	<b>kWh Reduction</b>
<b>5.22</b>	<b>20,311</b>

**Pollution Savings**

<b>CO2 Reduction (lbs)</b>	<b>NOx Reduction (lbs)</b>	<b>SO2 Reduction (lbs)</b>
<b>19,498</b>	<b>5.1</b>	<b>0.6</b>

<b>Customer Net Cost After Incentives</b>	<b>\$</b>	<b>15,382.63</b>
<b>Monthly Payment for 60 Months</b>	<b>\$</b>	<b>256.38</b>
<b>Monthly Energy Savings</b>	<b>\$</b>	<b>321.58</b>
<b>Relative Cost for 60 Months</b>	<b>\$</b>	<b>(65.21)</b>

# Lighting Systems & Sensors Application 2018 Retrofit

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ALL FIELDS ON THIS PAGE ARE REQUIRED TO COMPLETE YOUR APPLICATION.

## CUSTOMER/ACCOUNT HOLDER INFORMATION

COMPANY NAME CUMBERLAND FIRE DISTRICT	CONTACT PERSON KENNETH FINLAY	APPLICATION DATE Sep 21, 2018
INSTALL SITE CUMBERLAND FIRE STATION 2	PHONE 401-658-0544	FAX NUMBER
EMAIL ADDRESS KFINLAY@CUMBERLANDFIRE.ORG	SQUARE FEET (COVERED BY THIS APPLICATION)	
STREET ADDRESS 1530 MENDON ROAD	CITY CUMBERLAND	STATE RI
MAILING ADDRESS (IF DIFFERENT)	CITY	STATE
ELECTRIC COMPANY NAME National Grid	ELECTRIC ACCOUNT NUMBER (OR COPY OF ELECTRIC BILL) 6 3 8 3 2 2 0 0 0	
GAS COMPANY NAME	GAS ACCOUNT NUMBER (OR COPY OF GAS BILL)	

### BUILDING TYPE (PLEASE PLACE "X" IN APPROPRIATE BALLOT BOX)

<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> FAST FOOD	<input type="checkbox"/> HOTEL	<input type="checkbox"/> MULTI STORY RETAIL	<input type="checkbox"/> SMALL OFFICE	<input type="checkbox"/> UNIVERSITY
<input type="checkbox"/> AUTOMOTIVE	<input type="checkbox"/> FULL SERVICE RESTAURANT	<input type="checkbox"/> LARGE REFRIGERATED SPACE	<input type="checkbox"/> RELIGIOUS	<input type="checkbox"/> SMALL RETAIL	<input type="checkbox"/> WAREHOUSE
<input type="checkbox"/> BIG BOX	<input type="checkbox"/> GROCERY	<input type="checkbox"/> LARGE OFFICE	<input type="checkbox"/> K-12 SCHOOL		
<input type="checkbox"/> COMMUNITY COLLEGE	<input type="checkbox"/> HEAVY INDUSTRIAL	<input type="checkbox"/> LIGHT INDUSTRIAL	<input checked="" type="checkbox"/> OTHER: FIRE STATION		
<input type="checkbox"/> DORMITORY	<input type="checkbox"/> HOSPITAL	<input type="checkbox"/> MOTEL			

### PROJECT TYPE (select one)

<input type="checkbox"/> CHANGE IN THE USE OR FUNCTION OF THE BUILDING SPACE	<input type="checkbox"/> NEW BUILDING	<input type="checkbox"/> EXPANSION OF AN EXISTING BUILDING	<input type="checkbox"/> PLANNED REPLACEMENT OF EQUIPMENT
<input type="checkbox"/> NEW EQUIPMENT FOR NEW PROCESS OR EXPANDED OPERATION	<input checked="" type="checkbox"/> RENOVATION OF EXISTING EQUIPMENT	<input type="checkbox"/> NEW CONTROLS FOR IMPROVED OPERATIONS	<input type="checkbox"/> REPLACEMENT OF FAILED EQUIPMENT

## PAYMENT METHOD (PAYEE MUST SUBMIT A W-9 FORM)

PAYMENT TO: <input type="checkbox"/> CUSTOMER <input checked="" type="checkbox"/> VENDOR/INSTALLER	CUSTOMER — TAX ID# (REQUIRED)	VENDOR/INSTALLER — TAX ID# (REQUIRED IF RECEIVING INCENTIVE) 05-0405629
CHECK PAYABLE TO: RISE Engineering	CUSTOMER COMPANY TYPE: <input type="checkbox"/> INC. <input type="checkbox"/> NOT INCORP. <input checked="" type="checkbox"/> EXEMPT	VENDOR COMPANY TYPE: <input checked="" type="checkbox"/> INC. <input type="checkbox"/> NOT INCORP. <input type="checkbox"/> EXEMPT

## VENDOR INFORMATION

AUTHORIZED VENDOR/INSTALLER RISE Engineering	CONTACT NAME Brian Pincince
STREET ADDRESS 1341 Elmwood Ave	CITY Cranston
PHONE 401-784-3700	STATE RI
DATE Sep 21, 2018	ZIP 02910
EMAIL ADDRESS bpincince@RISEengineering.com	
AUTHORIZED VENDOR/INSTALLER SIGNATURE (NOT APPLICABLE IF CUSTOMER IS PAYEE.) <b>X</b> Brian Pincince	

Digitally signed by Brian Pincince  
DN: cn=Brian Pincince, o=RISE Engineering, ou=RISE Engineering, email=bpincince@riseengineering.com, c=US  
Date: 2018.09.21 11:42:08 -0400

## TOTAL ESTIMATED PROJECT COST AND COMPLETION DATE

**TOTAL ESTIMATED COST OF LABOR AND MATERIALS: \$**  
(An actual invoice must be submitted to National Grid before final payment of incentive will be made.)

\$4,905.00

**ANTICIPATED COMPLETION DATE:**  
Dec 31, 2018

## CUSTOMER ACCEPTANCE OF TERMS

### PRE-INSTALLATION

☒ I CERTIFY THAT ALL STATEMENTS MADE IN THIS APPLICATION ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT I HAVE READ AND AGREE TO THE TERMS AND CONDITIONS ON THE BACK OF THIS FORM.

DATE	PRINT NAME Kenneth Finlay	AUTHORIZED SIGNATURE <b>X</b>
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### POST-INSTALLATION

☐ I CERTIFY THAT I HAVE SEEN THE ENERGY EFFICIENCY MEASURES THAT HAVE BEEN INSTALLED AND I AM SATISFIED WITH THEIR INSTALLATION.

DATE	PRINT NAME	AUTHORIZED SIGNATURE <b>X</b>
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# CUMBERLAND FIRE DEPARTMENT

## LED LIGHTING ENERGY EFFICIENCY PROPOSAL



**STATION 2  
1530 MENDON RD  
CUMBERLAND, RI 02864  
SEPTEMBER 24, 2018**

*Brian Pincince  
Energy Specialist  
RISE Engineering  
bpincince@RISEengineering.com*



## DESIGN / LAYOUT MODIFICATIONS:

- ALL INTERIOR ROOMS WITH 2X2 AND 2X4 TROFFERS WILL BE RE LAMPED WITH NEW BALLASTS
- REPLACE 2X4 TROFFERS IN BAY GARAGE WITH NEW 2X4 LED FIXTURES
- INSTALL OCCUPANCY MOTION SENSORS FOR THE BAY GARAGE AREA

## TURNKEY SERVICES INCLUDES THE FOLLOWING:

- APPLICATION AND INCENTIVE PROCUREMENT WITH NATIONAL GRID
- PROJECT MANAGEMENT
- INSTALLATION & MATERIAL
- STORAGE TRAILERS
- RECYCLING LAMPS/BALLASTS
- DUMPSTERS (FIXTURE & TRASH REMOVAL)

*\*2-3 WEEK LEAD TIME ON MATERIAL*

*\*1-2 WEEK INSTALLATION*



Division of Thielsch Engineering, Inc  
 1341 Elmwood Avenue  
 Cranston, Rhode Island 02910

**nationalgrid**

### Cumberland FD Station 2 LED Lighting

#### Financial Summary

<b>Total Project Cost</b>	<b>\$ 4,905</b>
<b>Estimated Electric Incentive</b>	<b>\$ (540)</b>
<b>Customer Net Cost</b>	<b>\$ 4,365</b>
<b>Estimated Energy Cost Savings Annually</b>	<b>\$ 822</b>
<b>Estimated Maintenance Savings</b>	<b>\$ 250</b>
<b>Return on Investment (ROI)</b>	<b>25%</b>
<b>Simple Payback in Years</b>	<b>4.1</b>

#### Energy Savings

<b>kW Reduction</b>	<b>kWh Reduction</b>
<b>1.26</b>	<b>4,654</b>

#### Pollution Savings

<b>CO2 Reduction (lbs)</b>	<b>NOx Reduction (lbs)</b>	<b>SO2 Reduction (lbs)</b>
<b>4,468</b>	<b>1.2</b>	<b>0.1</b>

# Lighting Systems & Sensors Application 2018 Retrofit

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ALL FIELDS ON THIS PAGE ARE REQUIRED TO COMPLETE YOUR APPLICATION.

## CUSTOMER/ACCOUNT HOLDER INFORMATION

COMPANY NAME CUMBERLAND FIRE DEPARTMENT	CONTACT PERSON KENNETH FINLAY	APPLICATION DATE Oct 2, 2018
INSTALL SITE STATION 4	PHONE 401-658-0544	FAX NUMBER
EMAIL ADDRESS KFINLAY@CUMBERLANDFIRE.ORG	SQUARE FEET (COVERED BY THIS APPLICATION)	
STREET ADDRESS 3502 MENDON RD	CITY CUMBERLAND	STATE RI
MAILING ADDRESS (IF DIFFERENT)	CITY	STATE
ELECTRIC COMPANY NAME National Grid	ELECTRIC ACCOUNT NUMBER (OR COPY OF ELECTRIC BILL) 7 6 2 9 6 1 6 0 0 9	
GAS COMPANY NAME	GAS ACCOUNT NUMBER (OR COPY OF GAS BILL)	

### BUILDING TYPE (PLEASE PLACE "X" IN APPROPRIATE BALLOT BOX)

<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> FAST FOOD	<input type="checkbox"/> HOTEL	<input type="checkbox"/> MULTI STORY RETAIL	<input type="checkbox"/> SMALL OFFICE	<input type="checkbox"/> UNIVERSITY
<input type="checkbox"/> AUTOMOTIVE	<input type="checkbox"/> FULL SERVICE RESTAURANT	<input type="checkbox"/> LARGE REFRIGERATED SPACE	<input type="checkbox"/> RELIGIOUS	<input type="checkbox"/> SMALL RETAIL	<input type="checkbox"/> WAREHOUSE
<input type="checkbox"/> BIG BOX	<input type="checkbox"/> GROCERY	<input type="checkbox"/> LARGE OFFICE	<input type="checkbox"/> K-12 SCHOOL		
<input type="checkbox"/> COMMUNITY COLLEGE	<input type="checkbox"/> HEAVY INDUSTRIAL	<input checked="" type="checkbox"/> LIGHT INDUSTRIAL	<input type="checkbox"/> OTHER:		
<input type="checkbox"/> DORMITORY	<input type="checkbox"/> HOSPITAL	<input type="checkbox"/> MOTEL			


### PROJECT TYPE (select one)

<input type="checkbox"/> CHANGE IN THE USE OR FUNCTION OF THE BUILDING SPACE	<input type="checkbox"/> NEW BUILDING	<input type="checkbox"/> EXPANSION OF AN EXISTING BUILDING	<input type="checkbox"/> PLANNED REPLACEMENT OF EQUIPMENT
<input type="checkbox"/> NEW EQUIPMENT FOR NEW PROCESS OR EXPANDED OPERATION	<input checked="" type="checkbox"/> RENOVATION OF EXISTING EQUIPMENT	<input type="checkbox"/> NEW CONTROLS FOR IMPROVED OPERATIONS	<input type="checkbox"/> REPLACEMENT OF FAILED EQUIPMENT

## PAYMENT METHOD (PAYEE MUST SUBMIT A W-9 FORM)

PAYMENT TO: <input type="checkbox"/> CUSTOMER <input checked="" type="checkbox"/> VENDOR/INSTALLER	CUSTOMER - TAX ID# (REQUIRED)	VENDOR/INSTALLER - TAX ID# (REQUIRED IF RECEIVING INCENTIVE) 05-0405629
CHECK PAYABLE TO: RISE ENGINEERING	CUSTOMER COMPANY TYPE: <input type="checkbox"/> INC. <input type="checkbox"/> NOT INCORP. <input checked="" type="checkbox"/> EXEMPT	VENDOR COMPANY TYPE: <input checked="" type="checkbox"/> INC. <input type="checkbox"/> NOT INCORP. <input type="checkbox"/> EXEMPT

## VENDOR INFORMATION

AUTHORIZED VENDOR/INSTALLER RISE ENGINEERING	CONTACT NAME BRIAN PINCINCE
STREET ADDRESS 1341 ELMWOOD AVE	CITY CRANSTON
PHONE 401-784-3700	STATE RI
DATE Oct 2, 2018	ZIP 02910
EMAIL ADDRESS BPINCINCE@RISEENGINEERING.COM	AUTHORIZED VENDOR/INSTALLER SIGNATURE (NOT APPLICABLE IF CUSTOMER IS PAYEE.) 

## TOTAL ESTIMATED PROJECT COST AND COMPLETION DATE

**TOTAL ESTIMATED COST OF LABOR AND MATERIALS: \$**  
(An actual invoice must be submitted to National Grid before final payment of incentive will be made.)

\$29,878.00

**ANTICIPATED COMPLETION DATE:**  
Dec 31, 2018

## CUSTOMER ACCEPTANCE OF TERMS

### PRE-INSTALLATION

☒ I CERTIFY THAT ALL STATEMENTS MADE IN THIS APPLICATION ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT I HAVE READ AND AGREE TO THE TERMS AND CONDITIONS ON THE BACK OF THIS FORM.

DATE	PRINT NAME KEN FINLAY	AUTHORIZED SIGNATURE 
------	--------------------------	---

### POST-INSTALLATION

☐ I CERTIFY THAT I HAVE SEEN THE ENERGY EFFICIENCY MEASURES THAT HAVE BEEN INSTALLED AND I AM SATISFIED WITH THEIR INSTALLATION.

DATE	PRINT NAME	AUTHORIZED SIGNATURE 
------	------------	---





October 08, 2018

Ken Finlay  
CUMBERLAND HILL FIRE DISTRIC  
3502 Mendon Rd  
Cumberland, RI 02864

RE: Energy Initiative Pre-approval with OBR for CUMBERLAND HILL FIRE DISTRIC, Cumberland, RI 02864

Electric Account Number: 7629616009

Application Number: 8649857

Dear Ken Finlay:

National Grid\* has pre-approved your incentive application for CUMBERLAND HILL FIRE DISTRIC, 3502 Mendon Rd, Cumberland, RI 02864. After reviewing the Application and a pre-installation survey of CUMBERLAND HILL FIRE DISTRIC's facility, National Grid has determined that CUMBERLAND HILL FIRE DISTRIC's project as set forth in the Application Cumberland Hill Fire District qualifies for incentive payments from National Grid that will total \$6,468.50 if completed as planned and in accordance with applicable terms and conditions.

In addition, CUMBERLAND HILL FIRE DISTRIC qualifies for National Grid's on-bill repayment option. Accordingly, National Grid will pay for the Project's Authorized on Bill Repayment amount \$23,409.50. CUMBERLAND HILL FIRE DISTRIC agrees to pay back to National Grid the Authorized on Bill Repayment amount. On Bill Repayment to National Grid will be made through CUMBERLAND HILL FIRE DISTRIC's electric bill for the Facility in 60 consecutive monthly installments of \$390.16. Incentive check and authorized on-bill repayment will be made out to :PROJECT EXPEDITOR. The on-bill Repayment will begin once the Project has been completed.

Please note that CUMBERLAND HILL FIRE DISTRIC's participation in the Energy Initiative program and National Grid's payment of the Incentives and Authorized On Bill Repayments are subject to terms and conditions included in the Application and which are detailed in the customer report, as well as minimum requirements document:

☐

applicable

☒

not applicable

(See Minimum Requirements Document dated N/A attached).

In addition to such terms and conditions, CUMBERLAND HILL FIRE DISTRIC agrees to the following:

### 1. Project Completion:

To be eligible to receive the Incentives for this Application, the equipment must be installed by Apr-08-2019

### 2. Completed Application:

The application form must be completed including paid invoices (with material and labor costs and equipment discounts itemized) as well as other documentation for all installed measures must be attached.

\* ["National Grid" means [Massachusetts Electric Company d/b/a National Grid, Nantucket Electric Company d/b/a National Grid or The Narragansett Electric Company d/b/a National Grid, as applicable]

### 3. Post-Installation Verification –

A National Grid representative may conduct a post-installation verification of the newly installed equipment to ensure that the installation is consistent with the Application as pre-approved, represents sound engineering practices, and complies with the attached Minimum Requirements Document (if applicable).

### 4. Project Changes After Pre-approval –

This pre-approval commitment requires CUMBERLAND HILL FIRE DISTRICT to notify National Grid prior to commencing construction if changes to the Project are necessary. National Grid will determine whether the proposed change(s) requires revisions to your Application or Incentive.

### 5. On-Bill Repayment Option –

Authorized On Bill Repayment will be used by CUMBERLAND HILL FIRE DISTRICT solely in connection with the Project and in accordance with the Program's terms and conditions. The Authorized On Bill Repayment is subject to change in the event of any change in the Incentive amount or total cost of the Project. Further, if physical on-site construction has not begun or substantial procurement action has not been taken for the Project within sixty (60) days of the date of this pre-approval letter, and/or if the equipment has not been installed by the Program year end, the Authorized On Bill Repayment may be rescinded or reduced by National Grid at its sole discretion.

Please sign below and send a signed copy back to me at the following address Email Only  
Your signature below confirms that (a) you have read this Pre-Approval Letter and CUMBERLAND HILL FIRE DISTRICT accepts the above listed terms and conditions, (b) you are an authorized representative with the proper authority to sign on behalf of CUMBERLAND HILL FIRE DISTRICT.

Please call me with questions. Thank you for participating in National Grid's Energy Efficiency Programs.

Sincerely,

Jerome Drummond

jerome.drummond@nationalgrid.com

Acknowledged and Accepted:

CUMBERLAND HILL FIRE DISTRICT

By: \_\_\_\_\_

Print: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



**nationalgrid**

## CUMBERLAND FIRE DISTRICT

# LED LIGHTING ENERGY EFFICIENCY PROPOSAL



**STATION 4  
3502 MENDON RD  
CUMBERLAND, RI 02864  
OCTOBER 12, 2018**

*Brian Pincince  
Energy Specialist  
RISE Engineering  
bpincince@RISEengineering.com*

## DESIGN / LAYOUT MODIFICATIONS:

- ALL EXISTING 2X2 AND 2X4 TROFFERS WILL BE REPLACED WITH NEW LED FIXTURES
- REPLACE ANY EXISTING FLUORESCENT STRIP AND WRAP FIXTURES WITH LED
- INSTALL WALL SWITCH OCCUPANCY SENSORS FOR SPECIFIED OFFICE AREAS AND RESTROOMS
- INSTALL OCCUPANCY SENSORS FOR SPECIFIED GARAGE BAY AREAS
- REPLACE ALL EXISTING EXTERIOR HID LIGHTING WITH NEW LED FIXTURES WITH PHOTOCELLS

## TURNKEY SERVICES INCLUDES THE FOLLOWING:

- APPLICATION AND INCENTIVE PROCUREMENT WITH NATIONAL GRID
- PROJECT MANAGEMENT
- INSTALLATION & MATERIAL
- STORAGE TRAILERS
- RECYCLING LAMPS/BALLASTS
- DUMPSTERS (FIXTURE & TRASH REMOVAL)

*\*2-3 WEEK LEAD TIME ON MATERIAL*

*\*1-2 WEEK INSTALLATION*

**CUMBERLAND HILL FD STATION 4 LED LIGHTING**

**Financial Summary**

<b>Total Project Cost</b>	<b>\$</b>	<b>29,878</b>
<b>Estimated Electric Incentive</b>	<b>\$</b>	<b>(6,469)</b>
<b>Customer Net Cost</b>	<b>\$</b>	<b>23,410</b>
<b>Estimated Energy Cost Savings Annually</b>	<b>\$</b>	<b>4,733</b>
<b>Estimated Maintenance Savings</b>	<b>\$</b>	<b>500</b>
<b>Return on Investment (ROI)</b>		<b>22%</b>
<b>Simple Payback in Years</b>		<b>4.5</b>

**Energy Savings**

<b>kW Reduction</b>	<b>kWh Reduction</b>
<b>5.92</b>	<b>24,911</b>

**Pollution Savings**

<b>CO2 Reduction (lbs)</b>	<b>NOx Reduction (lbs)</b>	<b>SO2 Reduction (lbs)</b>
<b>23,914</b>	<b>6.2</b>	<b>0.8</b>

<b>Customer Net Cost After Incentives</b>	<b>\$</b>	<b>23,409.50</b>
<b>Monthly Payment for 60 Months</b>	<b>\$</b>	<b>390.16</b>
<b>Monthly Energy Savings</b>	<b>\$</b>	<b>394.42</b>
<b>Relative Cost for 60 Months</b>	<b>\$</b>	<b>(4.26)</b>



# Lighting Systems & Sensors Application 2018 Retrofit

**nationalgrid**  
HERE WITH YOU. HERE FOR YOU.

ALL FIELDS ON THIS PAGE ARE REQUIRED TO COMPLETE YOUR APPLICATION.

## CUSTOMER/ACCOUNT HOLDER INFORMATION

COMPANY NAME CUMBERLAND FIRE DEPARTMENT	CONTACT PERSON KENNETH FINLAY	APPLICATION DATE Oct 2, 2018
INSTALL SITE STATION 5	PHONE	FAX NUMBER
EMAIL ADDRESS KFINLAY@CUMBERLANDFIRE.ORG	SQUARE FEET (COVERED BY THIS APPLICATION)	
STREET ADDRESS 50 ARNOLD MILLS RD	CITY CUMBERLAND	STATE RI
MAILING ADDRESS (IF DIFFERENT)	CITY	STATE
ELECTRIC COMPANY NAME National Grid	ZIP 02864	ELECTRIC ACCOUNT NUMBER (OR COPY OF ELECTRIC BILL) 1 3 9 7 2 9 4 0 0 4
GAS COMPANY NAME	ZIP	GAS ACCOUNT NUMBER (OR COPY OF GAS BILL)

### BUILDING TYPE (PLEASE PLACE "X" IN APPROPRIATE BALLOT BOX)

<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> FAST FOOD	<input type="checkbox"/> HOTEL	<input type="checkbox"/> MULTI STORY RETAIL	<input type="checkbox"/> SMALL OFFICE	<input type="checkbox"/> UNIVERSITY
<input type="checkbox"/> AUTOMOTIVE	<input type="checkbox"/> FULL SERVICE RESTAURANT	<input type="checkbox"/> LARGE REFRIGERATED SPACE	<input type="checkbox"/> RELIGIOUS	<input type="checkbox"/> SMALL RETAIL	<input type="checkbox"/> WAREHOUSE
<input type="checkbox"/> BIG BOX	<input type="checkbox"/> GROCERY	<input type="checkbox"/> LARGE OFFICE	<input type="checkbox"/> K-12 SCHOOL		
<input type="checkbox"/> COMMUNITY COLLEGE	<input type="checkbox"/> HEAVY INDUSTRIAL	<input type="checkbox"/> LIGHT INDUSTRIAL	<input type="checkbox"/> OTHER:		
<input type="checkbox"/> DORMITORY	<input type="checkbox"/> HOSPITAL	<input type="checkbox"/> MOTEL			

### PROJECT TYPE (select one)

<input type="checkbox"/> CHANGE IN THE USE OR FUNCTION OF THE BUILDING SPACE	<input type="checkbox"/> NEW BUILDING	<input type="checkbox"/> EXPANSION OF AN EXISTING BUILDING	<input type="checkbox"/> PLANNED REPLACEMENT OF EQUIPMENT
<input type="checkbox"/> NEW EQUIPMENT FOR NEW PROCESS OR EXPANDED OPERATION	<input type="checkbox"/> RENOVATION OF EXISTING EQUIPMENT	<input type="checkbox"/> NEW CONTROLS FOR IMPROVED OPERATIONS	<input type="checkbox"/> REPLACEMENT OF FAILED EQUIPMENT

## PAYMENT METHOD (PAYEE MUST SUBMIT A W-9 FORM)

PAYMENT TO: <input type="checkbox"/> CUSTOMER <input checked="" type="checkbox"/> VENDOR/INSTALLER	CUSTOMER - TAX ID# (REQUIRED)	VENDOR/INSTALLER - TAX ID# (REQUIRED IF RECEIVING INCENTIVE) 05-0405629
CHECK PAYABLE TO: RISE ENGINEERING	CUSTOMER COMPANY TYPE: <input type="checkbox"/> INC. <input type="checkbox"/> NOT INCORP. <input checked="" type="checkbox"/> EXEMPT	VENDOR COMPANY TYPE: <input checked="" type="checkbox"/> INC. <input type="checkbox"/> NOT INCORP. <input type="checkbox"/> EXEMPT

## VENDOR INFORMATION

AUTHORIZED VENDOR/INSTALLER RISE ENGINEERING	CONTACT NAME BRIAN PINCINE
STREET ADDRESS 1341 ELMWOOD AVE	CITY CRANSTON
PHONE 401-784-3700	STATE RI
DATE Oct 2, 2018	ZIP 02910
	EMAIL ADDRESS BPINCINE@RISEENGINEERING.COM

AUTHORIZED VENDOR/INSTALLER SIGNATURE (NOT APPLICABLE IF CUSTOMER IS PAYEE.)

**X** Brian Pincine

Digitally signed by Brian Pincine  
DN: cn=Brian Pincine, o=RISE Engineering, ou=RISE Engineering, email=bpincine@rise-engineering.com, c=US  
Date: 2018.10.02 15:15:11 -0400

## TOTAL ESTIMATED PROJECT COST AND COMPLETION DATE

**TOTAL ESTIMATED COST OF LABOR AND MATERIALS: \$**  
(An actual invoice must be submitted to National Grid before final payment of incentive will be made.)

\$17,126.00

**ANTICIPATED COMPLETION DATE:**  
Dec 31, 2018

## CUSTOMER ACCEPTANCE OF TERMS

### PRE-INSTALLATION

☒ I CERTIFY THAT ALL STATEMENTS MADE IN THIS APPLICATION ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND THAT I HAVE READ AND AGREE TO THE TERMS AND CONDITIONS ON THE BACK OF THIS FORM.

DATE	PRINT NAME KEN FINLAY	AUTHORIZED SIGNATURE <b>X</b>
------	--------------------------	----------------------------------

### POST-INSTALLATION

☐ I CERTIFY THAT I HAVE SEEN THE ENERGY EFFICIENCY MEASURES THAT HAVE BEEN INSTALLED AND I AM SATISFIED WITH THEIR INSTALLATION.

DATE	PRINT NAME	AUTHORIZED SIGNATURE <b>X</b>
------	------------	----------------------------------



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## CUMBERLAND FIRE DISTRICT

# LED LIGHTING ENERGY EFFICIENCY PROPOSAL



**STATION 5  
50 ARNOLD MILLS RD  
CUMBERLAND, RI 02864  
OCTOBER 12, 2018**

*Brian Pincince  
Energy Specialist  
RISE Engineering  
bpincince@RISEengineering.com*

## DESIGN / LAYOUT MODIFICATIONS:

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- PROJECT MANAGEMENT
- INSTALLATION & MATERIAL
- STORAGE TRAILERS
- RECYCLING LAMPS/BALLASTS
- DUMPSTERS (FIXTURE & TRASH REMOVAL)

*\*2-3 WEEK LEAD TIME ON MATERIAL*

*\*1-2 WEEK INSTALLATION*





Division of Thielsch Engineering, Inc

1341 Elmwood Avenue

Cranston, Rhode Island 02910

**nationalgrid**

## CUMBERLAND FD STATION 5 LED LIGHTING

### Financial Summary

<b>Total Project Cost</b>	<b>\$</b>	<b>17,126</b>
<b>Estimated Electric Incentive</b>	<b>\$</b>	<b>(4,570)</b>
<b>Customer Net Cost</b>	<b>\$</b>	<b>12,556</b>
<b>Estimated Energy Cost Savings Annually</b>	<b>\$</b>	<b>2,743</b>
<b>Estimated Maintenance Savings</b>	<b>\$</b>	<b>500</b>
<b>Return on Investment (ROI)</b>		<b>26%</b>
<b>Simple Payback in Years</b>		<b>3.9</b>

### Energy Savings

<b>kW Reduction</b>	<b>kWh Reduction</b>
<b>2.70</b>	<b>13,064</b>

### Pollution Savings

<b>CO2 Reduction (lbs)</b>	<b>NOx Reduction (lbs)</b>	<b>SO2 Reduction (lbs)</b>
<b>12,542</b>	<b>3.3</b>	<b>0.4</b>



### Cumberland Fire District - Energy Efficiency Projects-RISE Engineering Lighting Upgrades

October 12, 2018

FACILITY LOCATION	ENERGY CONSERVATION MEASURES	PROJECT COSTS			ENERGY SAVINGS					RETURN ON INVESTMENT	
FACILITY	ECM	PROJECT COST	**ESTIMATED ELECTRIC INCENTIVE	CUSTOMER NET COST	kW REDUCTION	kWh REDUCTION	ESTIMATED ANNUAL SAVINGS	ESTIMATED MONTHLY SAVINGS	MAINTENANCE SAVINGS	ROI	PAYBACK IN YEARS
*STATION 1	LED Lighting Upgrades	\$ 19,335	\$ (3,953)	\$ 15,382	5.22	20,311	\$ 3,859	\$ 322	\$ 500	28%	3.5
STATION 2	LED Lighting Upgrades	\$ 4,905	\$ (540)	\$ 4,365	1.26	4,654	\$ 822	\$ 68	\$ 250	25%	4.1
*STATION 4	LED Lighting Upgrades	\$ 29,878	\$ (6,469)	\$ 23,410	5.92	24,911	\$ 4,683	\$ 390	\$ 500	22%	4.5
STATION 5	LED Lighting Upgrades	\$ 17,126	\$ (4,570)	\$ 12,556	2.70	13,064	\$ 2,743	\$ 229	\$ 500	26%	3.9
PROJECT TOTALS		\$ 71,244	\$ (15,532)	\$ 55,713	15.10	62,940	\$ 12,108	\$ 1,009	\$ 1,750	25%	4.0

\*Pre-approved by National Grid for On-Bill Repayment financing

1 **FC-R-2018-28**  
2 **CUMBERLAND FIRE DISTRICT**  
3 **Resolution**

4  
5 **RESOLUTION:** Authorizing the Business Manager to pay S&D Road Service an  
6 amount not to exceed \$5,352.03.

7 **WHEREAS:** S&D Road Service has made repairs to Engine 4.  
8

9 **WHEREAS:** All repairs have been made with the approval of the Chief.  
10

11 **NOW, THEREFORE, BE IT RESOLVED BY THE CUMBERLAND FIRE DISTRICT AS**  
12 **FOLLOWS:**  
13

14 **RESOLVED:** The Business Manager is authorized to pay S&D Road Service  
15 an amount not to exceed \$5,352.03.  
16  
17  
18

19 Voted on this 23rd day of October 2018  
20  
21  
22  
23

24 \_\_\_\_\_  
Cynthia Ouellette, Chairperson  
25

26 **PASSED:**

27 **YAY:**            **NAY:**

**S&D Road Service, Inc**

9 Whipple Street Unit 4

Cumberland, RI. 02864

Phone: 401-312-0017 Fax: 401-312-2012

"We Take Personal Care of Our Customers"

**INVOICE****17691**

Org. Est. # 023738

RI Insp. Station 118-C

Federal Inspection

**INVOICE****Date: 09/25/2018****Cumberland Fire Dept.**

3502 Mendon Rd

Cumberland, RI 02864

Home 401-658-0544

2004 PIERCE - FIRETRUCK -

Lic # :

Odometer In : 61500

Unit # : Engine 4

VIN # : 4P1CT02AX 4A003781

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
BALL JOINT 1661756	2.00	676.70	1,353.40	REPLACE FRONT BALL JOINTS	1,341.30
BALL JOINT 1661758	2.00	787.09	1,574.18	TECH REMOVED THE FRONT WHEELS AND UNLOADED THE SUSPENSION TORQUE ARMS BEFORE REMOVING BOTH SPINDLE ASSEMBLIES , TECH HAD TO HEAT AND PRESS OUT ALL THE BALL JOINTS , TECH CLEANED THE A-ARMS AND INSTALLED AND SHIMMED THE NEW BALL JOINTS W/GREASE FITTINGS. TECH ALSO REMOVED AND REPLACE BOTH FRONT SHOCKS BEFORE RE INSTALLING THE SPINDLES , ABS SENSOR, BRAKE LINE , RELOADED TORQUE ARMS TO SPEC AND REASSEMBLED THE FRONT END ALL TO SPEC	
COTTER PIN CP18X112	2.00	0.87	1.74		
SHOCK 3587466	2.00	512.52	1,025.04		
Brake Clean 05089	4.00	5.35	21.40	Hazardous Materials	12.99
LTR2 RED LO167098	1.00	8.99	8.99		
Shop Supplies			12.99		

Org. Estimate 5,310.57 Revisions 0.00 Current Estimate 5,310.57

<b>Labor:</b>	<b>1,341.30</b>
<b>Parts:</b>	<b>3,997.74</b>
<b>HazMat:</b>	<b>12.99</b>
<b>SubTotal:</b>	<b>5,352.03</b>
<b>Tax:</b>	<b>279.84</b>
<b>Total:</b>	<b>5,631.87</b>
<b>Bal Due:</b>	<b>\$5,631.87</b>

**[ Payments - ]**

Vehicle Received: 9/24/2018

Customer Number : 836

I hereby authorize the above repair work to be done along with the necessary material and hereby grant you and/or your employees permission to operate the car or truck herein described on street, highways or elsewhere for the purpose to testing and/or inspection. An express mechanic's lien is hereby acknowledged on above car or truck to secure the amount of repairs thereto. Warranty on parts and labor is one years or 12,000 miles whichever comes first. Warranty work has to be performed in our shop & cannot exceed the original cost of repair. WARNINGS If wheels are taken off, customer is responsible to retighten lug nuts after 100 miles. Return after 200 miles so we may check U-Bolt nuts.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Our Email Address: [dave@sanddroadservice.com](mailto:dave@sanddroadservice.com)