

		•							
	MERCANTILE CUSTOMER SITE INF	ORMATION FORM							
APPLICANT INFORMATION									
SITE NAME:	East Cleveland City School district	PUCO Docket #	20-1050						
Site Address:	1843 Stanwood Rd.	Site City:	East Cleveland						
Site State:	Ohio	Site Zip code:	44112						
Customer Legal Name:	• •								
Contact Person:	Alan Wolf Phone: 2162686586 Email:	awolf@eastclevela	andschools.org						
FirstEnergy Customer Se	rvice Representative or Administrator's Name: COSE/	GCP	Phone: 216-592-2432						
NAICS Number:	Applicant Taxpayer ID # (SSN/FEIN		34-60008888						
	BUSINESS SPECIFIC INFOR	RMATION							
School District	Please give a general description of yo	ar business below.							
	OPERATIONAL INFORM	ATION							
Specify hours of operation	on per day (e.g. 8:00 AM - 5:00 PM): 6am to								
Specify days of operation	n per week (e.g. Monday - Friday): Monda Please describe any seasonal outages or ramp-ups ap	y through Friday							
Reduced usage June-Aug	, , , , , , , , , , , , , , , , , , ,								
	CUSTOMER ACKNOWLED								
▽	I UNDERSTAND THAT THE PROJECT(S) REPORTAN INDEPENDENT EVALUATION CONTRACTOR AND USE CONDITIONS. I UNDERSTAND THAT ALL CUSTOMER NUMBER BE LOCATED WITHIN ONE SITE AS DEFINED HER	TED IN THIS DOCUM R TO CONFIRM PRO CRS INCLUDED WIT	JECT COMPLETION, SAVINGS						



Customer Usage Summary

Total Site Baseline Usage Information ¹

Year	Billed kWh	Weather Adjusted	Total Billed \$
2017	0	0	\$0
2018	0	0	\$0
2019	3,192,000	3,192,000	\$0
Average	3,192,000	3,192,000	

(1) These numbers will be used to establish the baseline usage for calculation of the potential exemption period for this site

> When entering the Customer Number, be sure to add a leading appostrophe so excel does not truncate the number.

> > **Total Site Baseline Usage Information by Customer Number**

_					2017			2018			2019	
Account Assignment Number	Customer Number	Address	Rate Code	Billed kWh	Weather Adjusted kwh	Total Billed \$	Billed kWh	Weather Adjusted kwh	Total Billed \$	Billed kWh	Weather Adjusted kwh	Total Billed \$
1	08005796131210001192	15320 Euclid Ave. East Cleveland OH	CE-GSUD							3,192,000	3,192,000	
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

East Cleveland City School district East Cleveland City School district Billed kWh and Total billed \$ will have to be compiled from your old electric bills. You need to complete three years of data if taking the exemption option or a minimum of one year of data if taking the cash option.



PROJECT INFORMATION SHEET								
	East Cleveland Ci	ty School district						
Project Name: Shaw High School	ol Part 1	_						
Project In-Service Date (MM/DD/YYYY):			ignment Number associated Customer Usage Summary 1					
If more than one date, Please use most current								
Please provide a narrative description of you			ake, model, and year of any	installed and replaced				
Lighting Retrofit	equipr	nent:						
Total Project Cost: \$71,674								
	Type of 1	Project:						
Early replacement of fully functioning equipment with new equipment What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date. Behavioral modification or operational improvement What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this								
	Project Clas	ssification:						
(Check all that apply)								
✓ Lighting	Air Compresso	or Controls	☐ Refrigeration					
Process Improvement	☐ Water Heating		Other/Custom					
If Other or Custom Please Explain:								
	PROJECT INFOR	MATION SHE	ET					
Equipment Information:								
	Ne	w	Old E	Equipment				
Equipment specifications (Model no., size, etc.):	LE	D		and Incandescent				
Number of units:	2,0	13	2	2,013				
Efficiency rating (R-Value, SEER/EER rating, motor efficiency, etc.)								
What was the estimated remaining useful service life:	1:	5		5				

	Operational Information for Equipment:								
Describe the operational period of the equipment (i.e. months, days, hours): 2676									
Does this proj		gy savings Mono August from the		day during the months of June to 6 PM:	⊙ Yes ○ 1	No			
For a 1	iew facility, pleas	e attach an itemi	zed summary sh	eet that lists all installed measure	s that exceed cu	rrent building sta	ndards		
For oper	rational improver	nent projects, pi		description of all operational in ent of conservation efforts:	nprovements an	d/or schedule ch	anges for		
			Energy	Savings Information:					
	Equipment	Kwh	usage	Yearly hours of operation	Deman	d (kW)			
	Old	460,	272	2,676	1′	72			
	Standard	460,	272	2,676	1′	72			
	New	98,0	055	2,676	2,676				
Annual reduce	d kWh	Ź			kW demand reduction attributable to this				
attributable to	this project:	362,217	kWh	project:		62	kW		
Annual reduced kWh eligible for an incentive: 362,217 kWh									
Please describe all methodologies, protocols, and practices used or proposed to be used in measuring and verifying program results. Additionally, identify and explain all deviations from any program measurement and verification guidelines that may be published by the Commission. FirstEnergy Lighting Calculator									
				and verification that project was scribed documents with submissi confidential					



PROJECT INFORMATION SHEET								
	East Cleveland City	y School district						
Project Name: Shaw High Scho	ool Part 2							
Project In-Service Date (MM/DD/YYYY):		elect <u>Account Assignment Number</u> associate ect (found on the Customer Usage Summary						
If more than one date, Please use most current Please Provide a narrative description of you	,							
Trease Provide a narrative description of you	ur program menuding, but equipm		ny mstaneu anu repiaceu					
Lighting retrofit	1 1							
Total Project Cost: \$71,673								
Total Project Cost. \$71,073		Puo i o ato						
(Chack Our That Applies)	Type of P	roject:						
(Check One That Applies)			Behavioral					
Early replacement of fully Installation	on of new equipment to	Installation of new equipment for new						
functioning equipment with replace failed equipment construction or facility expansion operational improvement								
			improvement					
What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this								
future replacement date.								
	Project Class	sification:						
(Check all that apply)								
✓ Lighting	☐ Air Compressor	r □ Controls □ Refrigeration						
Process Improvement	☐ Water Heating	Other/Cus tom						
If Other or Custom Please Explain:								
11 Other of Custom French Empirim								
	PROJECT INFORM	MATION SHEET						
	Equipment In							
	New	v Old	l Equipment					
Equipment Specifications	Tite!	·	-4b					
(Model No., Size, etc.):	LED) Flourescet	tn and incandescetn					
Number of Units:	2.5		064					
Efficiency Rating (R-Value, SEER/EER	964	f	964					
Rating, Motor Efficiency, etc.)								
What was the estimated remaining useful								
service life:	15		5					

Operational Information of Equipment:							
Describe the op	perational period o	of the equipmen	t (i.e. Months,	Days, Hours): 2577			
Does this proj		y savings Mond august from the	•	day during the months of June to 6 PM:	• Yes • N	o	
For a N	lew Facility, Please	attach an itemi	zed summary sl	neet that lists all installed measur	es that exceed cu	rrent building st	andards
For oper	ational improvem	ent projects, pr		description of all operational in ent of conservation efforts:	nprovements an	d/or schedule ch	anges for
			Energy	Savings Information:			
	Equipment	Kwh U	Jsage	Yearly hours of operation	Deman	d (kW)	
	Old	226,	776	2,577	8	88	
	Standard	226,	776	2,577	8	88	
	New	58,3	60	2,577	5	1	
Annual reduce attributable to		168,416	kWh	kW demand reduction attributa project:	outable to this 37		kW
Annual reduce eligible for an i		168,416	kWh				
Additionally	, identify and expl		-	s used or proposed to be used in ogram measurement and verifical Commission.	-		
riisteneigy Lig	hting Calculator						
			_	and verification that project was scribed documents with submissi confidential	-		
Invoice				··· y			

Site Address: East Cleveland City School district

Principal Address: 1843 Stanwood Rd.

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Shaw High School Part 1	Lighting Retrofit	FirstEnergy Lighting Calculator	N/A	N/A
2	Shaw High School Part 2	Lighting retrofit	FirstEnergy Lighting Calculator	N/A	N/A

Docket No. 20-1050

Site: 1843 Stanwood Rd.

Customer Legal Entity Name: East Cleveland City School district

Site Address: East Cleveland City School district

Principal Address: 1843 Stanwood Rd.

Weather Adjusted Usage with Energy Efficiency Addbacks, kwh Unadjusted Weather Adjusted Usage, kwh (A) Usage, kwh (B) (c) Note 1

2019 3,192,000 3,192,000 3,192,000

Average 3,192,000 3,192,000 3,192,000

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive		Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ Note 2	Commitment Payment \$
1	Shaw High School Part 1	12/23/2019	\$71,674	\$35,837	362,217	362,217	62	\$16,045	\$12,034	
2	Shaw High School Part 2	12/23/2019	\$71,673	\$35,837	168,416	168,416	37	\$8,314	\$6,236	
					-	-	-			
					-	-	-			
					-	-	-			
					-	-	-			
							-			
		Total	\$143,347		530,633	530,633	99	\$24,359	\$18,269	\$0

Docket No. 20-1050

1843 Stanwood Rd. Site:

⁽¹⁾ Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs, not to exceed the lesser of 50% of the project cost or \$250,000 per project. Combined Heat & Power (CHP) projects are not subject to the \$250,000 project rebate cap.

Exhibit 3

UCT = Utility Avoided Costs / Utility Costs

Project	Utility Avoided Cost \$	Utility Cost \$	Utility Cost Cash Rebate \$		Total Utility Cost \$	UCT
	(A)	(B)	(C)	(D)	(E)	(F)
1	\$ 179,750	\$ 2,025	\$ 12,034	\$3,622	\$ 17,681	10.2
2	\$ 83,576	\$ 2,025	\$ 6,236	\$1,684	\$ 9,945	8.40

Total	263,327	4,050	18,269	\$5,306	27,626	9.5

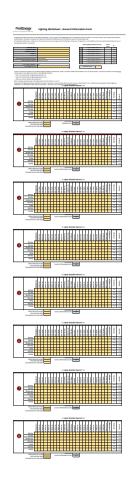
Notes

- (A) Represents NPV of avoided energy and capacaity costs over a 10 year life multiplied by the annual project savings.
- (B) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (C) This is the amount of the Rebate Payment paid to the customer for this
- (D) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (E) = (B) + (C) + (D)
- (F) = (A) / (E)

East Cleveland City School district ~ East Cleveland City School district

Docket No. 20-1050

Site: 1843 Stanwood Rd.



FirstEnergy	National Date and the development of the second control of the sec		Enterior's controller to the Enterior controller	to, primariente fina aprimigação primos debuto, a a humano articularidades con desa comencia fina debut alticularidade por la missión.		
en "Trope Tan men Ann Recorder	** Transport Transport (pr. Transpor	The Annihological Section (No. 1) and the Annihological Section (No. 1	Mail: Ag Agains And (Principles) Note that a street of principles are a principles of the principles o	The Recommendate Security East Security Ea	Region Service Face Control of Co	Part
1	The Market Name of the State of	Apr B	1 1	Section Sect	# 15 to 15 t	
	Silver Market France Valve School Sch	1		An of Control An of Contro	8 51 hara 85 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	### ### ### ### ### ### ### ### ### ##
	Since Market France Value & School Market Ma	10 10 10 10 10 10 10 10			# 54 harm ## 155 h	### ### ### ### ### ### ### ### ### ##
	The Marie State of Laboratory	Andrew I all a a a a a a a a a a a a a a a a a			4 44 to 15 t	20 20 20 20 20 20 20 20 20 20 20 20 20 2
10 100 100 100 100 100 100 100 100 100			U Di Alexandri della			
1	Marie Madri Marie Marie De Malares De Malare		2 Al Manager and		# # # # # # # # # # # # # # # # # # #	
100 100	See State Ton Val State		1 A Marine and 1 A Ma	Mind to the second of the seco	# 24 Nove 25 N	
The state of the s	The State St	- 10 E E	1	And include described and the control of the contro	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20 20 20 20 20 20 20 20 20 20 20 20 20 2
The state of the s	The State of the S	- 10 E E E	1 2000		# 55 have 55 have 56 h	30 30 30 30 30 30 30 30 30 30 30 30 30 3
The state of the s	The State of the S	- 10 E E E	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	An organization of the control of th	# 58 tops 56 to 5 t	20 20 20 20 20 20 20 20 20 20 20 20 20 2
SE SEE SECURIO	The Marie Top Valley States St	Annual S Annual S S S S S S S S S S S S S S S S S S S		And the second s	# 48 New 18 18 18 18 18 18 18 18 18 18 18 18 18	
						## 15 15 15 15 15 15 15 15 15 15 15 15 15
10 144 144 144 144 144 144 144 144 144 1		######################################	1 PANAMAN	State Section 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		## 150 ##
1	See Made State Value Control of the	And the second s	- Harrison	A -	# 1	
## 14.00 100.100 ## 14.00 100.100 ## 14.00 100.100	20 100 100 W 100 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		2 11 12 12 12 12 12 12 12 12 12 12 12 12	### 150 15
	Silver Market France Valve School Sch				8 55 tono 55 t	### ### ### ### ### ### ### ### ### ##
	The Marie Trans Marie School S	1 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			# 55 km	## 15
	The Marie Stay Marie States In State	Administration of the state of			# 55 tapes 5	
# 44	State Marian Francisco Maria De Sederación De Sederación Describer De Sederación De Sederación Describer De Sederación De Sederación Describer De Sederación De Sederación Describer Describer De Sederación De Sederac	1		And of the control of	# ## Depart 184	
	State Marian Francisco Maria De Sederación De Sederación Describer De Sederación De Sederación Describer De Sederación De Sederación Describer De Sederación De Sederación Describer Describer De Sederación De Sederac			All contents All	# ## Depart 184	
	State Marian Francisco Maria de Californio de Maria Marian Maria de Californio de Maria Marian Maria Maria de Californio de Maria Marian Maria Maria de Californio de Maria Maria Maria Maria del Maria Maria Maria Mari	2		An of Company Age Andread Age Annabel State Age Age Age Age Age Age Age Age Age Ag	8 8 0 0 pp	100 100 240 100
			42		1 35 and	## 15 15 15 15 15 15 15 15
# 245 # 255 # 245 # 255 # 245 # 255	Section Sectio	4 40 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	All of the property of the pro	# ## Upper ### ### ###########################	### 150 #### 150 ### 150 ### 150 ### 150 ### 150 ### 150 ### 150 ### 150 ### 150 ### 150 ### 150 ### 1
12 14 15 15 15 15 15 15 15 15 15 15 15 15 15			IN MARKET ON		8 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 10 40 40 10 10 40 10 10 40 10 10 10 10 10 10 10 10 10 10 10 10 10
8 44 80 8 44 80 8 44 80 8 44 80	Section Sectio		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		# # ## ### ### ### ### #### ##########	10
2 14 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	And the same of th		- I Marini in	And the second s	# 14	## 10 40 10 10 10 10 10 10 10 10 10 10 10 10 10
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	And the same of th		The state of the s	Maritime in the state of the st	# 14	## 15 15 15 15 15 15 15 15 15 15 15 15 15
2 44 2 204 24 44 2 204 25 44 2 204 26 44 2 204	And the value of t		T HAMMAN	An other hands and the second of the second	# 24 Name 10 N	## 150 450 150 150 150 150 150 150 150 150 150 1
	Marie Mari	10 10 10 10 10 10 10 10		An Control	# 55 kmm	1
10 14.0 20.0 10 14.0 20.0 10 14.0 20.0 10 14.0 20.0 10 14.0 20.0	See Made State Value Control of the	And the second s			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	### 15 15 15 15 15 15 15 15 15 15 15 15 15
10 11 11 11 11 11 11 11 11 11 11 11 11 1	20 100 100 W 100 0		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		# 14 15	8 10 10 10 10 10 10 10 10 10 10 10 10 10
	Silver Market France Valve School Sch		1	An of Control Contro	# 54 have 86 h	### 15
	Silver Market France Valve School Sch	1			8 55 tone 55 t	
	Since Market France Value & School Market Fra				# 55 kmm	
	Silver Market France Mark School Scho			And of the parties of	# 55 kpm 58 kpm 5	
	State Market France Mark to Sectional In-	- 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ser Serrer Specification Services States	# 51 keyer 18 18 18 18 18 18 18 18 18 18 18 18 18	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				And state of the s	# 18 Name 25 25 25 25 25 25 25 25 25 25 25 25 25	
	100 100		A Marine		8 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
50 100 100 100 100 100 100 100 100 100 1			But and the same and a			## 00 00 00 00 00 00 00 00 00 00 00 00 0
	# 1					
	# 1					
1 10 10 10 10 10 10 10 10 10 10 10 10 10	100 100	Address Addres				
		112				

Project Estimated Summary

Lighting	Incentive	Program
----------	-----------	---------

Customer Name
Building Name
Building Address

Estimated Annual Energy Savings (kWh)	326,216.80
Demand Reduction (kW _{Summer})	61.79
Annual Operating Hours	2676
Total Calculated Project Incentive	\$16,044.89

Equipment Category	kW	kWh	Quantity	Incentive
Lighting Controls	12.56	52,763.59	1865	\$2,638.22
Linear Fluorescent T8 & T5	-	-	0	\$0.00
Linear LED	42.53	178,669.03	1679	\$8,933.35
Exit Signs	1.47	23,500.89	70	\$1,050.00
LED Fixtures External	1	5,580.85	16	\$279.04
LED Fixtures Internal	3.89	16,344.15	158	\$817.17
LED Lamps	1.34	5,616.10	28	\$140.00
LED Reach-in Refrigerator/Freezer Lighting	1	-	0	\$0.00
LED Channel Signage	-	-	0	\$0.00
Street and Area Lighting	-	43,742.20	62	\$2,187.11
Custom - Process Improvement	-	-	0	\$0.00

Sodexo, Inc. - 1 (866) 578-5220 | energysaveOH@sodexo.com

Deemed kW Savings	61.79
As Found kW Savings	61.79
Total kW Savings	61.79
Deemed kWh Savings	326216.80
As Found kWh Savings	326216.80
Total kWh Savings	326216.80

0.00

Non Prescriptive kWh Savings

Resorts and New Combinations significing Worksheet First Energy, The Combination of the	notes to	Product and the transfer and a second	A Millionismo son hydrogen kan kan john dang han bera sang han agan dan dan dan dan han basa sang dan asa dan bar sang pan bera. Perakan sa sana dan dan perakan bandan sana dan bangan sang pan dan bandan sana dan sana dan dan bandan dan bandan sana dan sana dan dan dan sana dan dan dan bandan sana dan sana dan dan bandan dan bandan sana dan sana dan dan dan dan dan dan dan dan dan	
	The control of the	Total Naci Manga Mad Mandanagan Jang Andanagan Jang		March Marc
		Description of the control of t	- - - - - - - - - -	
			1	
## 150 10 10 10 10 10 10 10				
## 100		E de la company		
## 100 100		Comment Comm		
		1		
## 100 100			######################################	
				8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
1				8 8 10 10 10 10 10 10 10 10 10 10 10 10 10
## 15 ## 15				
## 100 100				## 140 440 440 440 440 440 440 440 440 440

Project Estimated Summary

Lighting	Incentive	Program
----------	-----------	---------

Customer Name	
Building Name	
Building Address	

Estimated Annual Energy Savings (kWh)	168,415.65
Demand Reduction (kW _{summer})	36.55
Annual Operating Hours	2577
Total Calculated Project Incentive	\$8,313.63

Equipment Category	kW	kWh	Quantity	Incentive
Lighting Controls	6.91	29,030.79	907	\$1,451.59
Linear Fluorescent T8 & T5	-	-	0	\$0.00
Linear LED	19.91	83,633.97	821	\$4,181.69
Exit Signs	1.26	20,143.62	60	\$900.00
LED Fixtures External	1	1	0	\$0.00
LED Fixtures Internal	0.39	1,633.41	42	\$81.66
LED Lamps	-	-	0	\$0.00
LED Reach-in Refrigerator/Freezer Lighting	1	-	0	\$0.00
LED Channel Signage	-	-	0	\$0.00
Street and Area Lighting	-	-	0	\$0.00
Custom - Process Improvement	8.09	33,973.86	46	\$1,698.69

Sodexo, Inc. - 1 (866) 578-5220 | energysaveOH@sodexo.com

36.55	Deemed kW Savings
36.55	As Found kW Savings
36.55	Total kW Savings
168415.65	Deemed kWh Savings
168415.65	As Found kWh Savings
168415.65	Total kWh Savings

Non Prescriptive kWh Savings	0.00