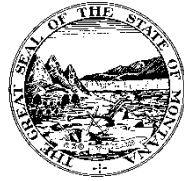




Gene Walborn
Director

Montana Department of Revenue



Steve Bullock
Governor

June 21, 2019

F. Diego Rivas
Senior Policy Associate
NW Energy Coalition

RE: USB Determination Statements for 2018 Challenges

Pursuant to 69-8-414(3), Montana Code Annotated; “If a challenge is filed by an interested person, the department of revenue shall conduct an initial review of a challenged credit and shall make a determination as to the likelihood that the challenged credit qualifies for universal system benefits programs. . . .The department of revenue may request additional information from the credit claimant or interested person.”

Challenges to credits received by large customers in 2018 was filed on April 30, 2019, within the 60-day period that challenges may be filed. The department of revenue requested an additional 30 days, as an extension, for the initial review to make sure the department had sufficient time for additional information requests, before making determination statements.

The department of revenue’s determination statement for each challenge, is listed in alphabetical order below.

American Chemet Corp.

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.” Large customers of NorthWestern Energy submit Form B – Credit Request Form for a new project or expenditure for USB. This form includes the total amount of credit requested and the description of the project.

American Chemet Corp. submitted, with the annual USB report, a Form B with requested credit of \$55,883 and project description of “Please note attached paper”. There was no attachment submitted with the annual USB report. The department of revenue sent an information request, requesting the attached papers be included. They submitted the attached papers, that includes the project quotes, project invoices, etc. These documents are attached.

Ash Grove Cement

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.” NorthWestern Energy large customers receive a Self-Directed USBC Progress Report each year, which details all payment requests and payments issued by NWE.

Ash Grove Cement submitted with the annual USB report a Form B – Credit Request Form, detailing a new project which was dated 2/11/2019. The department of revenue verified that this

project wasn't submitted to NWE until 2019, which means it was accidentally reported in 2018, instead of 2019. These documents will need to be reported in 2019.

Ash Grove Cement included the amount of the credit received for 2018 in the annual USB report of \$27,632.47 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$27,632.47. The information received listed out a brief description of the qualifying projects, total credit requested, when the projects were complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

Billings Clinic

Pursuant to 69-8-402(10)(a), Montana Code Annotated; "The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit."

Billings Clinic included the amount of the credit received for 2018 in the annual USB report of \$23,553.64 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$23,553.64. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

CHS

Pursuant to 69-8-402(10)(a), Montana Code Annotated; "The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit."

CHS included the amount of the credit received for 2018 in the annual USB report of \$299,359.17 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$299,359.17. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

City of Great Falls

Pursuant to 69-8-402(10)(a), Montana Code Annotated; "The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit."

City of Great Falls included the amount of the credit received for 2018 in the annual USB report of \$17,799.50. They also included a list of qualifying projects that the claimed USB credits are being applied to. These projects are listed in the annual report, in the last page named "City of Great Falls Qualifying Projects 2018", with the total credit requested and when the projects were complete. The information in the report was verified by the department of revenue.

The challenge mentions concern about the time period a project could potentially be used as a credit against the USB charge. The statute does not provide a time frame or limitations for the payoff period of a project.

Enbridge – Express Pipeline

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

Express Pipeline included the amount of the credit received for 2018 in the annual USB report of \$45,208.81 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$45,208.81. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

ExxonMobil

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

ExxonMobil included the amount of the credit received for 2018 in the annual USB report of \$184,145.57 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$184,145.57. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

The challenge mentions concern about the time period a project could potentially be used as a credit against the USB charge. The statute does not provide a time frame or limitations for the payoff period of a project.

GCC

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

GCC Three Forks included the amount of the credit received for 2018 in the annual USB report of \$36,226.77 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$36,226.77. The information received was verified by the department of revenue. This information was originally filed under protective order and is to remain confidential.

The challenge mentions concern about the time period a project could potentially be used as a credit against the USB charge. The statute does not provide a time frame or limitations for the payoff period of a project.

Graymont

Pursuant to 69-8-402(10)(a), Montana Code Annotated; "The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit." Large customers of NorthWestern Energy submit Form B – Credit Request Form for a new project or expenditure for USB. This form includes the total amount of credit requested and the description of the project. NorthWestern Energy large customers, also, receive a Self-Directed USBC Progress Report each year, which details all payment requests and payments issued by NWE.

Graymont submitted an annual USB report with a Form B, making a total credit request of \$28,635.81 and a Self-Directed USBC Progress Report, listing a payment request total of \$2,863,581.00. The department of revenue requested that Graymont verify the correct amount with the department and their utility, NWE. The department of revenue received an updated Progress report printed by NWE stating the \$28,635.81 was the correct credit amount. This Progress report is attached.

Imerys Talc

Pursuant to 69-8-402(10)(a), Montana Code Annotated; "The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit."

Imery's Talc included the amount of the credit received for 2018 in the annual USB report of \$25,249.01 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$25,249.01. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

The challenge mentions concern about the time period a project could potentially be used as a credit against the USB charge. The statute does not provide a time frame or limitations for the payoff period of a project.

Metra Park

Pursuant to 69-8-402(10)(a), Montana Code Annotated; "The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit."

Metra Park included the amount of the credit received for 2018 in the annual USB report of \$2,994.82 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$2,994.82. The information received listed out a brief description of the qualifying projects, total credit

requested, when the projects were complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

The challenge mentions concern about the time period a project could potentially be used as a credit against the USB charge. The statute does not provide a time frame or limitations for the payoff period of a project.

Montana Precision Products

Large customers of NorthWestern Energy submit Form B – Credit Request Form for a new project or expenditure for USB. This form includes the total amount of credit requested and the description of the project.

Montana Precision Products submitted Form B with a credit request of \$7,158.09 with a project description of “LED parking lot light”. The department of revenue sent an information request, requesting supporting documentation for the project listed. They sent the invoice listing the LED lights to be replaced in the parking lot, matching the total credit requested. This information is attached.

The challenge mentions concern about estimated energy savings not included for the project listed. The statute does not provide a requirement for estimated energy savings being included in the annual USB report, just that the project qualifies for the universal system benefits programs.

Montana State University

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

Montana State University included the amount of the credit received for 2018 in the annual USB report of \$48,083.37. They also included a list of qualifying projects that the claimed USB credits are being applied to. These projects are listed in the annual report, in the last page named “USBC Large Customers Annual Report for Calendar Year 2018”, with the total credit requested and when the projects were complete. The information in the report was verified by the department of revenue.

Montana State University – Billings

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

Montana State University - Billings included the amount of the credit received for 2018 in the annual USB report of \$7,650.65 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$7,650.65. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

Phillips 66 Pipeline

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

Phillips 66 Pipeline included the amount of the credit received for 2018 in the annual USB report of \$129,723.02 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$129,723.02. The information received listed out a brief description of the qualifying projects, total credit requested, when the projects were complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

The challenge mentions concern about the time period a project could potentially be used as a credit against the USB charge. The statute does not provide a time frame or limitations for the payoff period of a project.

Pyramid Mountain Lumber

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

Pyramid Mountain Lumber included the amount of the credit received for 2018 in the annual USB report of \$10,782.08 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$10,782.08. The information received listed out a brief description of the qualifying projects, total credit requested, and when the projects were complete. This information was verified by the department of revenue and is attached.

St. James Hospital

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

St. James Hospital included the amount of the credit received for 2018 in the annual USB report of \$5,800.23 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$5,800.23. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

St. Patrick Hospital

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

St. Patrick Hospital included the amount of the credit received for 2018 in the annual USB report of \$1,051.98 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$1,051.98. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

St. Vincent Hospital

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

St. Vincent Hospital included the amount of the credit received for 2018 in the annual USB report of \$16,666.43 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$16,666.43. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

University of Montana

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

University of Montana included the amount of the credit received for 2018 in the annual USB report of \$43,315.38 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$43,315.38. The information received listed out a brief description of the qualifying projects, total credit requested, when the projects were complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

The challenge mentions concern about the time period a project could potentially be used as a credit against the USB charge. The statute does not provide a time frame or limitations for the payoff period of a project.

US Air Force

Pursuant to 69-8-402(10)(a), Montana Code Annotated; “The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit.”

US Air Force included the amount of the credit received for 2018 in the annual USB report of \$51,590.34 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$51,590.34. The

information received listed out a brief description of the qualifying projects, total credit requested, when the projects were complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

Western Sugar Cooperative

Pursuant to 69-8-402(10)(a), Montana Code Annotated; "The annual report of a large customer must identify each qualifying project or expenditure for which it has claimed a credit and the amount of the credit."

Western Sugar Cooperative included the amount of the credit received for 2018 in the annual USB report of \$17,209.75 but did not include the qualifying project or expenditure for the claimed credit. The department of revenue sent an information request, requesting that each qualifying project or expenditure be listed out with a brief description for the credit claimed of \$17,209.75. The information received listed out a brief description of the qualifying project, total credit requested, when the project was complete, and the credit claimed for 2018. This information was verified by the department of revenue and is attached.

Conclusion

The submitted challenge noted missing information and questioned the validity of some of the numbers reported. In our review, additional information was requested from large customers as detailed above. In cases of missing information, the Department has determined the additional information provided is sufficient to verify the amount of the credit claimed. In cases where the validity of some of the numbers was challenged, again, the Department requested additional information, verified the correct numbers and determined the projects likely qualify for the universal system benefits program.

We have concluded our review of the challenge and a formal review is not needed.

Sincerely,

Mark Schoenfeld, Unit Manager
Montana Department of Revenue
P.O. Box 5805
Helena, MT 59604-5805
mschoenfeld@mt.gov

Lighting Project for New Building and Warehouse

Date: 2018

	Invoice	Amount	
Contract work for installation	2890	\$ 13,019.39	
	3098	\$ 17,646.61	
			\$ 30,666.00
Equipment costs		\$ 31,466.90	
		\$ 5,502.00	
		\$ 421.68	
			\$ 37,390.58
		Totals	\$ 68,056.58

The Third Element, Inc.

3116 E. Lyndale Ave
Helena, MT 59601

Invoice

Date	Invoice #
8/16/2018	2890

Bill To
American Chemet 145 Hwy 282 East Helena, MT 59635

P.O. No.	Terms	Project
18-0233.0	Net 30	Lighting Upgrade 18...

Item	Description	Est Amt	Prior Amt	Prior %	Qty	U/M	Rate	Curr %	Total %	Amount
Reimb ...	Lighting Upgrade Progress Bill	30666.00					30,666.00	42.46%	42.46%	13019.39

Total							\$13,019.39			
Payments/Credits							\$0.00			
Balance Due							\$13,019.39			

The Third Element, Inc.

3116 E. Lyndale Ave
Helena, MT 59601

Invoice

Date	Invoice #
11/7/2018	3098

Bill To
American Chemet 145 Hwy 282 East Helena, MT 59635

P.O. No.	Terms	Project
18-0233.0	Net 30	Lighting Upgrade 18...

Item	Description	Est Amt	Prior Amt	Prior %	Qty	U/M	Rate	Curr %	Total %	Amount
Reimb ...	Lighting Upgrade	30666.00	13019.39	42.46%			30,666.00	57.55%	100.00%	17646.61

Total							\$17,646.61			
Payments/Credits							\$0.00			
Balance Due							\$17,646.61			

Third Element Group Inc.

3116 E. Lyndale Ave
Helena, MT 59601

Estimate

Date	Estimate #
1/15/2018	1

Name / Address
American Chemet 145 Hwy 282 East Helena, MT 59635

Project
Lighting Upgrade

Description	Qty	Rate	Total
HB185B150DL Fixture	75	260.00	19,500.00
HBAC05 Cord	75	20.00	1,500.00
HBAS41 (wet located)	70	106.67	7,466.90
HBAM27	75	40.00	3,000.00
Total			\$31,466.90

Electric Trading Company, Inc.

3116 E. Lyndale Ave
Helena, MT 59601

Invoice

Date	Invoice #
7/23/2018	37

Bill To
American Chemet 701 N Last Chance Gulch Helena, MT 59601

P.O. No.	Terms	Project
AC62560	Net 15	Lighting AC62560

Quantity	Description	Rate	Amount
14	CED LITRO HB185B150DL	260.00	3,640.00
14	CED LITRO HBAC17	22.00	308.00
14	CED LITRO HBAS40	71.00	994.00
14	CED LITRO HBAM27	40.00	560.00
	Lights PO# AC62560		
		Total	\$5,502.00



1351 ORANGE AVE
HELENA, MT 59601-0644
P 406-442-3715 F 406-442-3717



QUOTATION

QUOTE DATE	QUOTE #	PAGE #
02/09/2017	S503186596	1 of 1

CUST #: 197561

QUOTE TO:

AMERICAN CHEMET
PO BOX 1160
EAST HELENA, MT 59635-1160

SHIP TO:

AMERIC-SHOP ACCOUNT
AMERICAN CHEMET
145 HIGHWAY 282
EAST HELENA, MT 59635-3496

REQUESTED BY		REFERENCE	ACCOUNT MANAGER	
JEFF			JOHN M TAYLOR	
QUOTED BY		TERMS	FREIGHT TERMS	
JOHN M TAYLOR		PASS THRU DISCOUNT	FREIGHT IF APPLICABLE	
ORDER QTY	AVAILABLE	DESCRIPTION	UNIT PRICE	EXT PRICE
1 ea		HB220B150DL LITETRONICS FIXTURE **SPECIAL ORDER / NON-RETURNABLE**	320.000/ea	320.00
1 ea		HBAS41 LITETRONICS WET LOCATION OCC SENSOR **SPECIAL ORDER / NON-RETURNABLE**	79.452/ea	79.45
1 ea		HBAC05 LITETRONICS 120/277V 15A 3 WIRES 10 BLK CORD WP TWIST CONNECT **SPECIAL ORDER / NON-RETURNABLE**	13.333/ea	13.33
1 ea		HBAM21 LITETRONICS HOOK **SPECIAL ORDER / NON-RETURNABLE**	5.333/ea	5.33
1 ea	1 ea	HR-1 HIBRITE HANG RITE HANGERS	3.571/ea	3.57

PRICES SUBJECT TO CHANGE
QUANTITIES AVAILABLE SUBJECT TO PRIOR SALE
PLEASE SEE WWW.CESCO.COM FOR STANDARD TERMS
AND CONDITIONS

* This line is taxable

SUBTOTAL	421.68
S&H CHARGES	0.00
ESTIMATED TAX	0.00
AMOUNT DUE	421.68



American Chemet - Lighting

3/23/2018

Bid Scope: Electrical

Phase 1: **\$26,069.00**

Phase 2: **\$4,597.00**

Includes:

- New conduit & wiring
- New 75KVA Transformer
- New 200amp, NEMA 12, 120/208 panel board
- (20) 1P 20amp breakers
- (10) 2P 20amp breakers
- Scissor Lift or Basket lift
- (5) 208/240v lighting circuits
- 2 year labor warranty
- Temporary lighting as needed
- Chain or cable to suspend the owner provided fixtures
- Demo

Excludes:

- Roofing
- Disposal/recycling of all demolished materials
- Painting/patching
- Utility costs
- Overtime costs

Thank you for the opportunity.

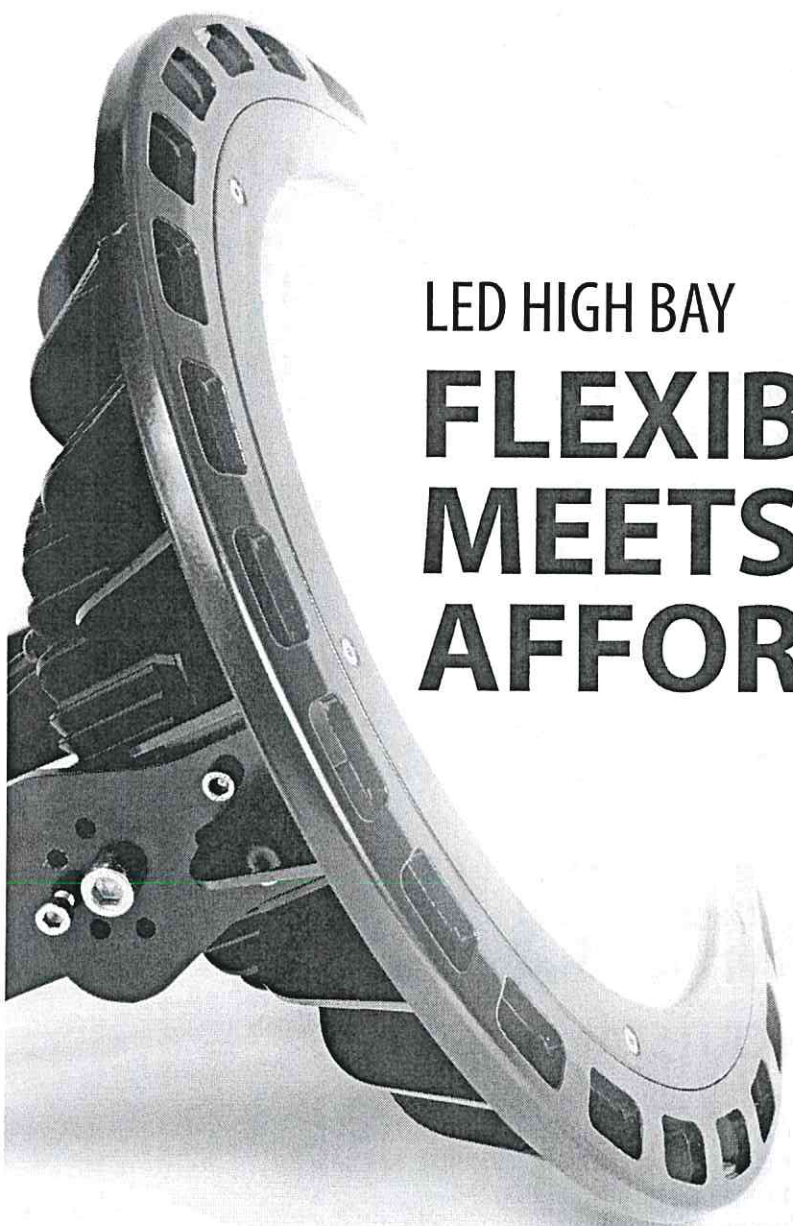
Eric Pickett

Cell: 406-980-0009

E-mail: eric@3econtractors.com

The Third Element, Inc.

Office: 406-465-6945



LED HIGH BAY
**FLEXIBILITY
MEETS
AFFORDABILITY**

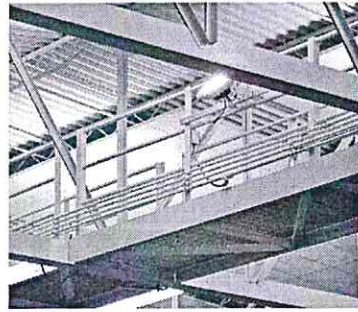
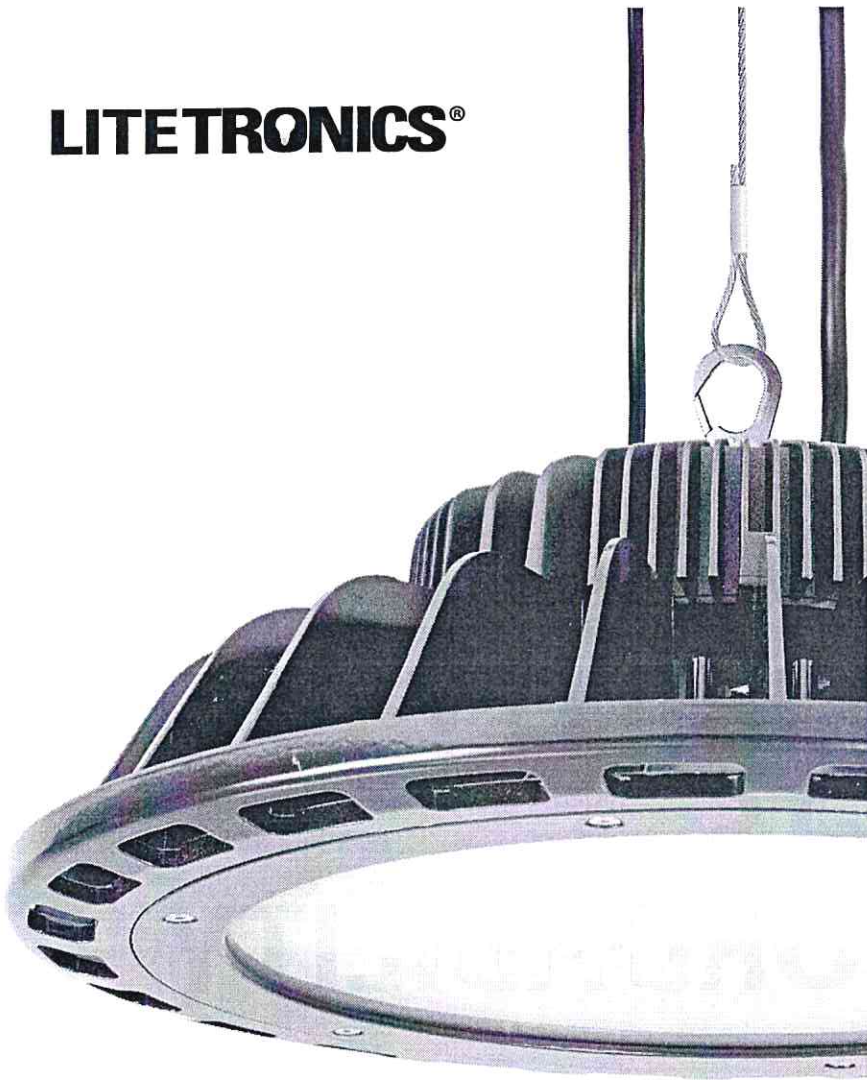


MADE IN USA AVAILABLE

LITETRONICS®

INNOVATION. SIMPLIFIED.

LITETRONICS®



LED HIGH BAY

THE MOST FEATURES – AT AN OUTSTANDING PRICE

At just 18 pounds and under 6-inches tall, our lightweight, compact LED High Bays are the easiest way to install more efficient high bay ceiling lighting and increase overall energy savings. They use just half the energy of metal halide fixtures and two-thirds of the energy of T5 fluorescents. You'll also experience dramatically better light quality and color in a sleek, contemporary fixture that enhances any environment.

And unlike other LED high bay packages on the market, our offering combines a higher lumen/watt ratio, multi-yoke setting for application flexibility and includes IP-66 waterproofing as standard. In fact, our High Bay is priced competitively with products that have far fewer features. And Litetronics backs its High Bays with a 10-year warranty for years of hassle-free performance.





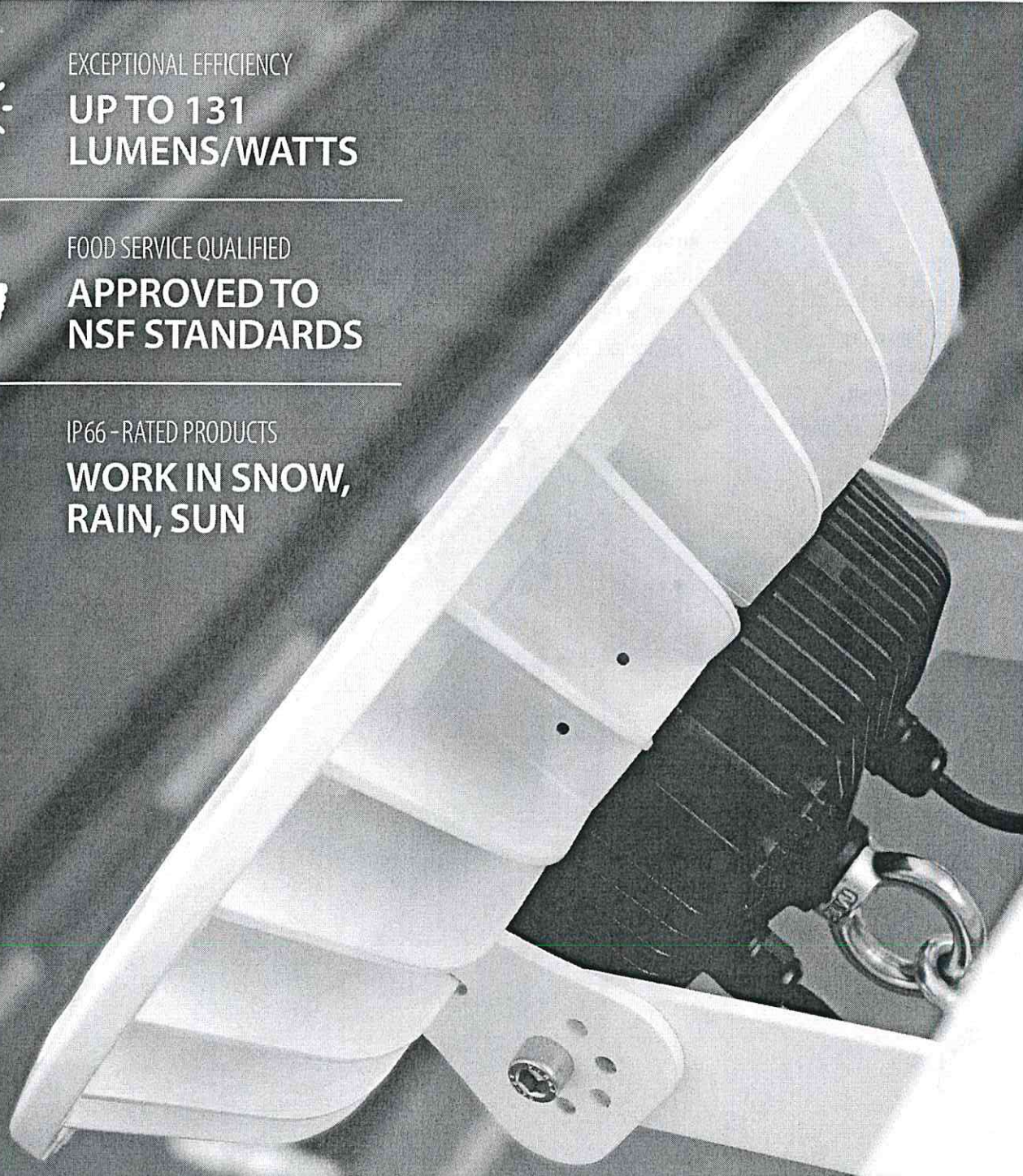
EXCEPTIONAL EFFICIENCY
**UP TO 131
 LUMENS/WATTS**



FOOD SERVICE QUALIFIED
**APPROVED TO
 NSF STANDARDS**



IP66 - RATED PRODUCTS
**WORK IN SNOW,
 RAIN, SUN**



LED HIGH BAY REPLACES COMMON ALTERNATIVES

HIGHBAY WATTS	HIGHBAY LUMENS	REPLACE METAL HALIDE	REPLACE FLUORESCENT	MOUNTING HEIGHT
125	16000	250W	4 LAMP T5 and 6 LAMP T8	16' to 24'
185	24000	400W	6 LAMP T5 HO and 8 LAMP T8	20' to 24'
220	29000	750W	8 LAMP T5 HO	24' to 40'



SIMPLE, EASY INSTALLATION

- Easy to handle – just 16 lb, 6" tall
- Circular design aligns with pre-existing HID mounting layouts to maintain original aesthetics
- Multi-setting yoke for application flexibility



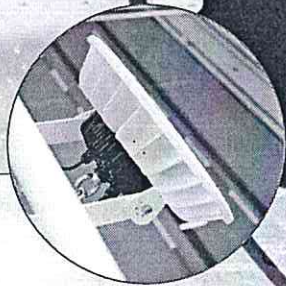
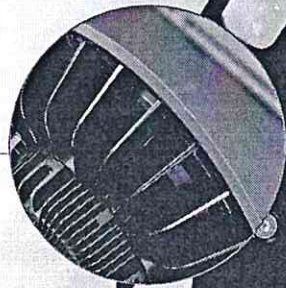
RUGGED BUT SLEEK

- Contemporary look and feel
- Tough aluminum cast housing
- Shatterproof lens glass



LONG-LASTING, HIGH-QUALITY LIGHT

- Half the energy of metal halides; two-thirds of T5 fluorescents
- Higher lumen/watt ratio than other LED high bays



RATED IP66-WATERPROOF

- Ideal for pools and outdoor applications
- Easy spray rinse cleaning
- Optional corrosion-resist coating for harsh chemical environments



ENERGY-SAVING FEATURES

- Integrated 0-10 low-voltage dimming
- Easy-mount motion sensors



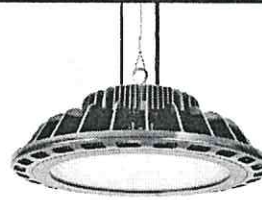
HIGH BAY OUTPERFORMS METAL HALIDE

TRADITIONAL METAL HALIDE



- Light depreciation 70% over 10,000 hours
- Toned, off-color light; 65 Color Rated Index
- No Dimming
- 1-5 minute warm up
- Separate screen protection for bulb

LITETRONICS® LED HIGH BAYS



- Sustained, even light for 100,000 hours
- High 84 Color Rated Index
- Full dimming and proximity sensing
- Instant on/off
- Durable shatter-proof polycarbonate lens option

FOOT CANDLES BY HEIGHT

MOUNTING HEIGHT (FT)	DIAMETER (FT)	125W FOOTCANDLES AT NADIR	185W FOOTCANDLES AT NADIR	220W FOOTCANDLES AT NADIR
16	20.6	21.1	30.7	35.5
20	25.7	13.5	19.6	22.7
24	30.8	9.4	13.6	15.8
28	36.0	6.9	10.0	11.6
32	41.1	5.3	7.7	8.9
36	46.3	4.2	6.0	7.0
40	51.4	3.4	4.9	5.7

HIGH BAY LIFE

AMBIENT TEMP IN °C	AMBIENT TEMP IN °F	125W HOURS L70	185W HOURS L70	220W HOURS L70
25	77	106,500	106,500	106,500
30	86	106,500	106,500	106,500
35	95	106,500	106,500	106,500
40	104	104,500	104,500	103,000
45	113	105,000	105,000	100,500
50	122	104,500	104,500	98,000
55	131	104,000	102,000	94,000



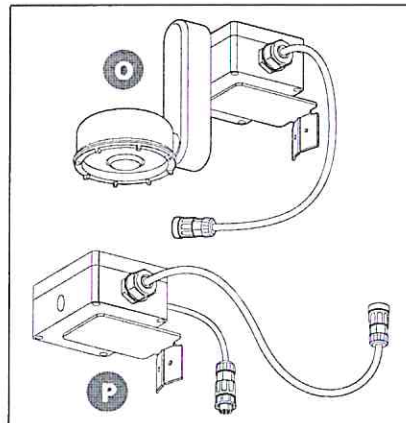
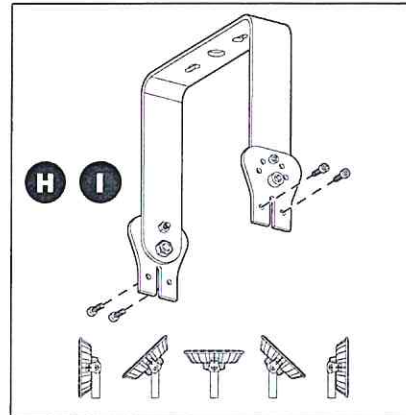
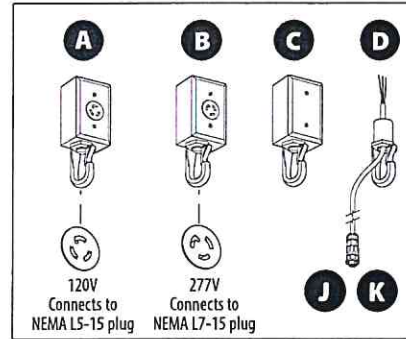
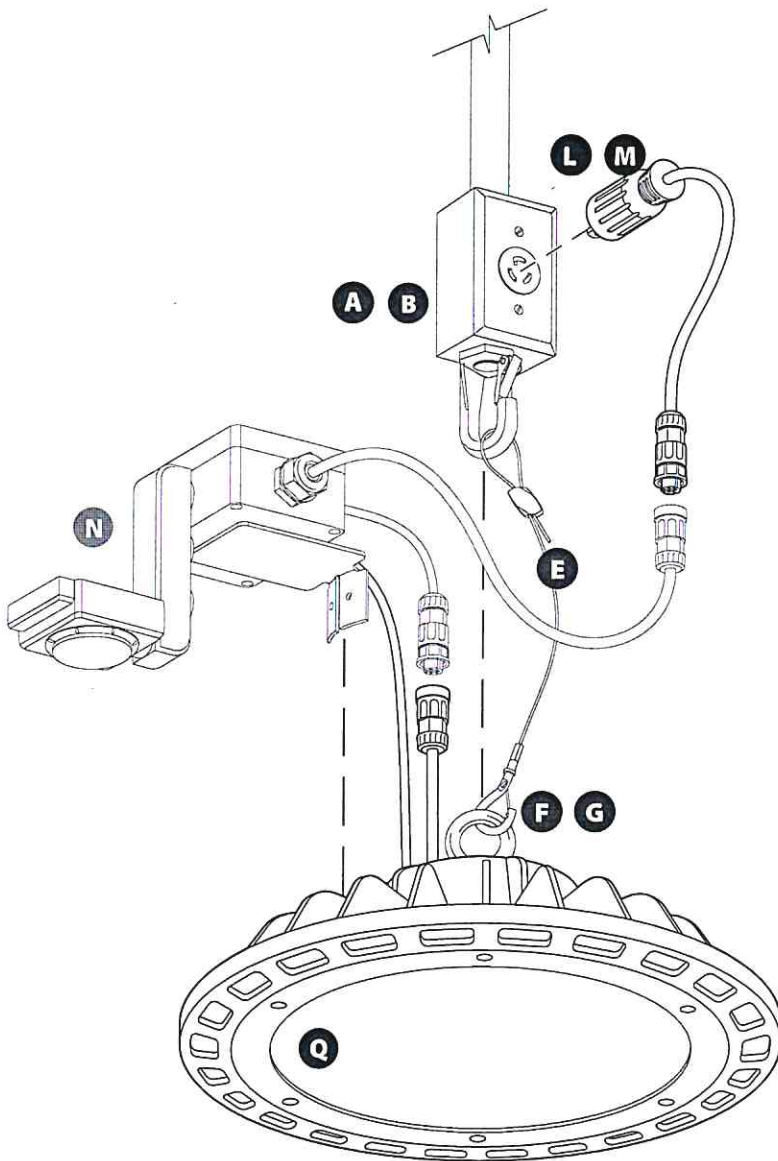
Traditional Metal Halide (Before)

LED High Bay Installation (After)

LITETRONICS®

LED HIGH BAY ACCESSORIES

Flexibility for a range of applications



PART NUMBER MATRIX & COLOR GUIDE:

Product family	Wattage	Color	Lens	Color Temperature	Dimming	Coating
HB - LED High Bay	125 - 125W	B - Black	1 - Glass, Frosted	40 - 4000K	DL - 0-10V Dimming	T - Corrosion Resistant Powder Coat
	185 - 185W	W - White	2 - Polycarbonate, Frosted	50 - 5000K		
	220 - 220W		3 - Polycarbonate, Clear			
	125 - 125W		4 - Glass, Clear			

- Mounting
- Cord
- Sensor
- Junction
- Glass

Note: Black color/clear glass is standard

MOUNTING ACCESSORIES¹

IMAGE	ORDERING CODE	DESCRIPTION	ACCESSORY USE
A	HBAM26	120V Socket Hub & Junction Box with 3/4" Snaphook	Connects to NEMA L5-15 plug. Cable can be passed through top of socket hub via hole in snaphook; used to connect High Bay cable to conduit — 3/4" threaded pipe
B	HBAM27	277V Socket Hub & Junction Box with 3/4" Snaphook	Connects to NEMA L7-15 plug. Cable can be passed through top of socket hub via hole in snaphook; used to connect High Bay cable to conduit — 3/4" threaded pipe
C	HBAM28	Pass thru Junction Box with 3/4" Snaphook	Opening at top and bottom allow for internal connecting of cable and provide mechanical fixturing support; top hole includes 3/4" threaded pipe
D	HBAM29	Snaphook with 3/4" Pipe Adapter	Connects directly to conduit via 3/4" threaded pipe, providing fixturing support
E	HBAM30	5' Safety Cable with Cable Lock and Snap Lock Hook	Five-foot aircraft safety cable with snap lock hook; adjustable cable lock on opposite end to allow end user to adjust length to installation needs
F	HBAM20	Round Hook 24x42x60 M10	The stainless steel round loop option is designed for use with the smaller 125 and 185 watt high bay fixtures
G	HBAM21	Round Hook 29x49x69 M12	The stainless steel round loop option is designed for use with the larger 220 watt high bay fixtures
H	HBAM22	9" x 9" Aluminum Swivel Yoke Bracket- Black	Color matched and sized to work with our standard black colored 125, 185 and 220 watt fixtures; it allows for positioning at five different angles — 0°, 45°, 90° and 180°, allowing for optimal mounting flexibility
I	HBAM23	9" x 9" Aluminum Swivel Yoke Bracket- White	Color matched and sized to work with our standard white colored 125, 185 and 220 watt fixtures; it allows for positioning at five different angles — 0°, 45°, 90° and 180°, allowing for optimal mounting flexibility

CORDS

IMAGE	ORDERING CODE	DESCRIPTION	ACCESSORY USE
J	HBAC05	15A 120-277V 3 Wires 10' Cord Waterproof Twist Connect- Black	Cord is 10' long. Length helps to install High Bay away from power source. 3 wires connected to junction box. Other end connects with Twist connect of High Bay
K	HBAC06	15A 120-277V 3 Wires 10' Cord Waterproof Twist Connect- White	Cord is 10' long. Length helps to install High Bay away from power source. 3 wires connected to junction box. Other end connects with Twist connect of High Bay
L	HBAC03	15A 277V L7-15P Plug 2' Black Cord Waterproof Twist Connect	This NEMA L7-15P Plug - twist connects with L7-15R receptacle. Other end easily connects with Twist connect of High Bay
M	HBAC01	15A 120V L5-15P Plug 2' Black Cord Waterproof Twist Connect	This NEMA L5-15P Plug - twist connects with L5-15R receptacle. Other end easily connects with Twist connect of High Bay

SENSORS & JUNCTION ACCESSORIES

IMAGE	ORDERING CODE	DESCRIPTION	ACCESSORY USE
N	HBAS40	IP 20 PIR Motion Sensor with Junction Box	WattStopper HBP-112 High Bay Passive Infrared (PIR) Occupancy Sensors provide control of individual High Bay LED in indoor high and low bay spaces. Includes preconnected junction box
O	HBAS41	IP 65 PIR Motion Sensor with Junction Box	WattStopper HB340W-L3 and HB340W-L4 High Bay Passive Infrared (PIR) Occupancy Sensors for Wet Locations consist of a sensor and a lens module and preconnected junction box
P	HBAJ60	Junction Box with Bracket	Interim junction box for use with controls other than those available through Litetronics; junction box features an internal terminal block for easy wiring and two external cables

CLEAR & FROSTED GLASS 0-10V DIMMING SPECIFICATIONS²

IMAGE	VOLTS	WATTAGE	CCT (K)	CLEAR			FROSTED			DIMMING
				LUMENS	C.B.C.P	ORDERING CODE	LUMENS	C.B.C.P	ORDERING CODE	
Q	120 - 277	125	4000	16,000	5402	HB125B440DL	15,000	4753	HB125B150DL	0 - 10V
				16,000	5402	HB125B450DL	15,000	4753	HB125B150DL	
		185	4000	24,000	7848	HB185B440DL	22,000	6906	HB185B140DL	
				24,000	7848	HB185B450DL	22,000	6906	HB185B150DL	
		220	4000	29,000	9086	HB220B440DL	26,000	7995	HB220B140DL	
				29,000	9086	HB220B450DL	26,000	7995	HB220B150DL	

¹ All accessories available in case quantities of 10

² Glass options for Black High Bay, White versions available upon request

³ Warranty— 1. for installations where ambient temperature exceeds 45C, warranty is reduced to 5 years.
2. Maximum operating temperature is 55C.
3. For higher temperature applications consult Litetronics.

MAKE THE SWITCH TO EASY, ENERGY-EFFICIENT LED HIGH BAY

Learn about our 60-day free trial or sign up for a free lighting layout at:
Litetronics.com

LITETRONICS®

Talk to your distributor or contact us at
CustomerService@Litetronics.com or 1-800-860-3392
6969 W. 73rd Street Bedford Park, IL 60638



We are a Family-Owned, U.S. Company

Since Litetronics' founding in 1970, our family-owned, U.S. company has been passionate about finding ways to make lighting easier to install, better looking, longer lasting and more efficient. We're proud of our reputation for world-class engineering and quality control.

Title : *New Building*

Date : 29 May 2019

Description :

For :

By :

IES Filename : HB185-B-W-150DL_IES.ies

Description : HB185[B.W]150DL
LED HIGHBAY LUMINAIRE W/FROSTED LENS
LED

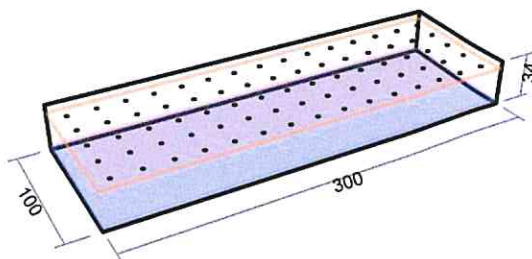
Luminaire

Number of Lamps : 1
Lamp Lumens : -1
Luminaire Wattage : 184 W

Light Loss Factor (LLF) : 1.00

Geometry

Length (X) : 300 ft
Width (Y) : 100 ft
Height (Z) : 34 ft
Workplane Height : 3 ft
Suspension Length : 6 ft
Room Cavity Ratio : 1.667



Reflectance

Ceiling : 80 %
Walls : 50 %
Floor : 10 %
Eff. Cavity Refl. -- Ceiling : 74.1 %
Eff. Cavity Refl. -- Floor : 10.4 %
CU : 0.890

Results

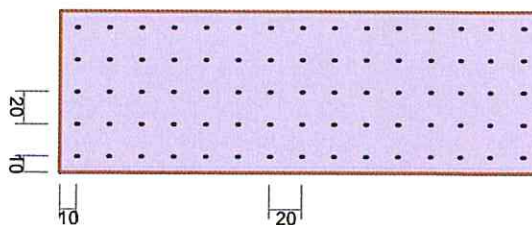
Average Illuminance : **49** fc

Number of Luminaires : **75** ←

Lighting Power Density (LPD) : **0.46** W/ft²

Layout

	Rows (Width)	Columns (Length)	Luminaires :
Grid Layout (size) :	5	X 15	
Grid Spacing :	20.00	X 20.00	ft
Wall Spacing :	10.00	X 10.00	ft
Spacing Criteria :	1.25	X 1.23	



Title : New Warehouse

Date : 29 May 2019

Description :

For :

By :

IES Filename : HB185-B-W-150DL_IES.ies

Description : HB185[B.W]150DL
LED HIGHBAY LUMINAIRE W/FROSTED LENS
LED

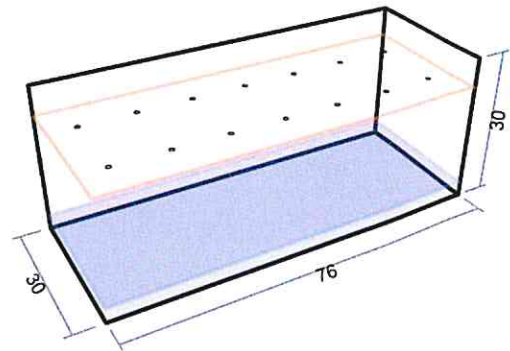
Luminaire

Number of Lamps : 1
Lamp Lumens : -1
Luminaire Wattage : 184 W

Light Loss Factor (LLF) : 1.00

Geometry

Length (X) : 76 ft
Width (Y) : 30 ft
Height (Z) : 30 ft
Workplane Height : 3 ft
Suspension Length : 6 ft
Room Cavity Ratio : 4.882



Reflectance

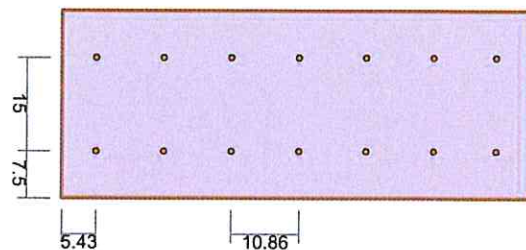
Ceiling : 80 %
Walls : 50 %
Floor : 10 %
Eff. Cavity Refl. -- Ceiling : 61.6 %
Eff. Cavity Refl. -- Floor : 11.2 %
CU : 0.609

Results

Average Illuminance : **82** fc

Number of Luminaires : **14** ←

Lighting Power Density (LPD) : **1.13** W/ft²



Layout

	Rows (Width)	Columns (Length)	Luminaires :
Grid Layout (size) :	2	X 7	
Grid Spacing :	15.00	X 10.86 ft	
Wall Spacing :	7.50	X 5.43 ft	
Spacing Criteria :	1.24	X 1.23	

LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED WITH MDOR BY MARCH 1, 2018

LARGE USB CUSTOMER NAME	ASH GROVE CEMENT	
UPDATE DATE:	June 3, 2019	
LARGE CUSTOMER CONTACT PERSON:		
CONTACT PHONE NUMBER:		
CONTACT EMAIL ADDRESS:		
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR		
2018 USB CREDIT PAYMENTS	\$24,477.13	
2017 USB CREDIT PAYMENTS	\$3,155.34	
TOTAL USB PAYMENTS ISSUED IN 2018	\$27,632.47	
QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018		
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	November 27, 2017	
TOTAL AMOUNT OF REQUESTS: (2 projects)	\$59,911.89	
DESCRIPTION OF ENERGY EFFICIENCY PROJECTS:	INDIVIDUAL CLAIM AMOUNT	DATE CLAIM SUBMITTED
Lighting replacement of HID fixtures and lamps with LED in maintenance shop.	\$6,547.00	27-Nov-17
Fuel (coal) Booster Fan VFD system upgrade of electric feed.	\$13,742.99	27-Nov-17
Lighting replacements of ballast fixtures and incandescent lamps with LED fixtures and lamps.	\$39,621.90	27-Nov-17

LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED WITH MDOR BY MARCH 1, 2019

LARGE USB CUSTOMER NAME	BILLINGS CLINIC
UPDATE DATE:	May 31, 2019
LARGE CUSTOMER CONTACT PERSON:	Mitch Goplen or Michelle Kern
CONTACT PHONE NUMBER:	406-657-4036 or 657-4038
CONTACT EMAIL ADDRESS:	mgoplen@billingsclinic.org or mkern@billingsclinic.org
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR	
2018 USB CREDIT PAYMENTS	\$21,805.66
2017 USB CREDIT PAYMENTS	\$1,747.98
TOTAL USB PAYMENTS ISSUED IN 2018	\$23,553.64
QUALIFYING PROJECT RESULTING IN USB CREDIT REIMBURSEMENT IN 2018	
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	17-Nov-09
AMOUNT OF REQUEST:	\$266,138
DESCRIPTION OF ENERGY EFFICIENCY PROJECT:	
Installation of chiller, changing out of surge tank, and adding VFD's to surge tank pumps.	

**LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL
REPORT FILED WITH MDOR BY MARCH 1, 2019**

LARGE USB CUSTOMER NAME	CHS
UPDATE DATE:	May 31, 2019
LARGE CUSTOMER CONTACT PERSON:	Keith Rae
CONTACT PHONE NUMBER:	406-628-5271
CONTACT EMAIL ADDRESS:	Keith.rae@chsinc.com
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR	
2018 USB CREDIT PAYMENTS	\$272,917.28
2017 USB CREDIT PAYMENTS	\$26,441.89
TOTAL USB PAYMENTS ISSUED IN 2018	\$299,359.17
QUALIFYING PROJECT RESULTING IN USB CREDIT REIMBURSEMENT IN 2018	
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	30-Nov-06
AMOUNT OF REQUEST:	\$7,034,728.00
DESCRIPTION OF ENERGY EFFICIENCY PROJECT:	
<p>Refinery installed an Ultra-Low Sulfur Diesel (ULSD) unit, which will reduce sulfur content in the end product. Project involves numerous energy efficiency motors and equipment associated with ULSD. Request to change the original 2004 Reservation that was \$7,034,728 to a request amount as project was completed.</p>	

LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED WITH MDOR BY MARCH 1, 2019

LARGE USB CUSTOMER NAME	EXXON MOBIL
UPDATE DATE:	June 3, 2019
LARGE CUSTOMER CONTACT PERSON:	Brock Pearson
CONTACT PHONE NUMBER:	406-237-0733
CONTACT EMAIL ADDRESS:	brock.t.pearson@exxonmobil.com

TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR

2018 USB CREDIT PAYMENTS	\$179,631.62
2017 USB CREDIT PAYMENTS	\$4,513.95
TOTAL USB PAYMENTS ISSUED IN 2018	\$184,145.57

QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018

DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	30-Nov-10
AMOUNT OF REQUEST:	\$8,700,000

DESCRIPTION OF ENERGY EFFICIENCY PROJECT:

The C-310 wet gas compressor is utilized to process FCC overhead gas and recycle refinery flare gases. The existing compressor has been in operation for 60 years and requires extensive repairs. Cost benefit analysis was performed to evaluate repair versus replacement alternatives. The new compressor improves efficiency by 20% resulted in power usage reduction.

LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED WITH MDOR BY MARCH 1, 2019

LARGE USB CUSTOMER NAME	EXPRESS PIPELINE
UPDATE DATE:	May 31, 2019
LARGE CUSTOMER CONTACT PERSON:	Nick Kaneski
CONTACT PHONE NUMBER:	715-395-3842
CONTACT EMAIL ADDRESS:	nick.kaneski@enbridge.com
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR	
2018 USB CREDIT PAYMENTS	\$41,854.19
2017 USB CREDIT PAYMENTS	\$3,354.62
TOTAL USB PAYMENTS ISSUED IN 2018	\$45,208.81
QUALIFYING PROJECT RESULTING IN USB CREDIT REIMBURSEMENT IN 2018	
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	20-Nov-15
AMOUNT OF REQUEST:	\$376,560
DESCRIPTION OF ENERGY EFFICIENCY PROJECT:	
We are replacing 2 - 4000 HP low efficiency motors with 2 - 4000 HP higher efficiency motors. The typical improvement in efficiency is 3%. These are our main pipeline pump motors at Buffalo, MT location.	



Self-Directed USBC Progress Report for 2018

Prepared by Dale Mahugh on 6/4/2019

GRAYMONT WESTERN US INC.

Account Summary

2017 Carryover Reservation:	\$10,000.00	YTD Elec Revenue:	\$1,087,905.98
Reservations Made YTD:	\$0.00		
2017 Carryover Payment Request:	\$0.00	Total Payment Requests:	\$28,635.81
Payment Requests Made YTD:	\$28,635.81	Current Request Balance:	\$7,780.57
2017 Carryover USBC Credit:	\$9,923.87	Total USBC Credit:	\$21,846.45
USBC Credit YTD:	\$11,922.58	Payments Issued YTD:	\$20,855.24
Average Monthly Credit Earned:	\$993.55	USBC Credit Balance:	\$991.21
		Payment Pending:	\$991.21

Payment Requests Made

Submitted By	Date	Amount
Doug Held	10/26/2018	\$28,635.81

Payments Issued

Date	Amount
12/10/2018	\$20,855.24

Account Detail

Account	Premise	Meter	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD Total
100623	1627	DA18618463	KWH > 1,337,988	1,246,057	915,762	1,456,377	909,085	902,042	764,107	780,338	1,183,322	1,272,779	1,256,788	1,087,271	13,111,916
			KW > 2,713	2,529	2,557	2,736	1,725	1,722	1,544	2,028	2,451	2,491	2,520	2,218	2,270
			Elec Revenue > 109,287.06	101,986.35	\$78,800.62	118,728.52	\$73,981.78	\$73,421.59	\$62,431.94	\$64,676.63	\$94,917.89	102,024.29	100,805.87	\$87,880.35	\$1,068,942.89
596774	255054	DS82081027	KWH > 17,760	13,760	13,360	13,840	8,040	7,760	5,640	5,600	9,280	13,160	13,120	14,080	135,400
			KW > 69	64	66	61	56	58	58	58	90	98	89	72	70
			Elec Revenue > \$2,084.74	\$1,721.57	\$1,705.66	\$1,704.81	\$1,190.31	\$1,195.44	\$1,027.16	\$1,015.65	\$1,608.45	\$1,995.44	\$1,898.84	\$1,815.02	\$18,963.09
			Total KWH 1,355,748	1,259,817	929,122	1,470,217	917,125	909,802	769,747	785,938	1,192,602	1,285,939	1,269,908	1,101,351	13,247,316
			Combined Average KW 2,782	2,593	2,623	2,797	1,781	1,780	1,602	2,086	2,541	2,589	2,609	2,290	2,339
			USBC Charge \$1,220.17	\$1,133.83	\$836.21	\$1,323.20	\$825.42	\$818.82	\$692.78	\$707.34	\$1,073.34	\$1,157.34	\$1,142.92	\$991.21	\$11,922.58
			Total Elec Revenue 111,371.80	103,707.92	\$60,506.28	120,433.33	\$75,172.09	\$74,617.03	\$63,459.10	\$65,692.28	\$96,526.34	104,019.73	102,704.71	\$89,695.37	\$1,087,905.98

**LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL
REPORT FILED WITH MDOR BY MARCH 1, 2019**

LARGE USB CUSTOMER NAME	IMERYYS TALC AMERICA, INC.
UPDATE DATE:	May 31, 2019
LARGE CUSTOMER CONTACT PERSON:	Jan Lien
CONTACT PHONE NUMBER:	(406) 285 5318
CONTACT EMAIL ADDRESS:	jan.lien@imeryys.com
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR	
2018 USB CREDIT PAYMENTS	\$23,289.97
2017 USB CREDIT PAYMENTS	\$1,959.04
TOTAL USB PAYMENTS ISSUED IN 2018	\$25,249.01
QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018	
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	25-Nov-13
AMOUNT OF REQUEST:	\$4,929,000
DESCRIPTION OF ENERGY EFFICIENCY PROJECT:	
Projects included: PT-9 Jet Mill, New Boiler, system for PT-9 Mill, Auxiliary/Secondary Feed for PT-9, & PT-9 Jet Mill Classifier Wheel Replacement.	

LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED WITH MDOR BY MARCH 1, 2018

LARGE USB CUSTOMER NAME	METRA PARK
UPDATE DATE:	May 31, 2019
LARGE CUSTOMER CONTACT PERSON:	Jeff Seward
CONTACT PHONE NUMBER:	406-256-2407
CONTACT EMAIL ADDRESS:	jseward@metrapark.com

TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR

2018 USB CREDIT PAYMENTS	\$2,769.09
2017 USB CREDIT PAYMENTS	\$225.73
TOTAL USB PAYMENTS ISSUED IN 2018	\$2,994.82

QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018

DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	SEE DATES BELOW	
TOTAL AMOUNT OF REQUESTS: (2 projects)	\$66,126	
DESCRIPTION OF ENERGY EFFICIENCY PROJECTS:	INDIVIDUAL CLAIM AMOUNT	DATE CLAIM SUBMITTED
Replaced 8 1000-watt mercury vapor lights with 4 1000-watt HPS fixtures.	\$ 46,714	08-Dec-04
Removed 46 mercury vapor fixtures and installed 46 SPI lights using 8 F40/SPX 50 compact fluorescent lamps.	\$ 19,412	01-Dec-03



platt.com

REMIT TO: P.O. Box 418759 Boston, MA 02241-8759



SCHANTJ

INVOICE # Y074163 INVOICE DATE 9/12/18 110 Butte (406) 494-3773 mgr110@platt.com

Table with columns: DATE ORDERED, DATE SHIPPED, SHIPPED VIA, BILL OF LADING, CUSTOMER PO#

SOLD TO

Montana Precision Products LLC 119800 Rick Jones Way Butte, MT 59750

SHIP TO

Montana Precision Products LLC 119800 Rick Jones Way Butte, MT 59750

ORDERED BY: JUSTIN PARNELL

PAGE 1

Table with columns: CUSTOMER ACCT#, JOB NAME, JOB#, SALES, PLATT SALESPERSON

Main invoice table with columns: QTY ORDERED, SHIPPED, BACK ORD, EDP #/DESCRIPTION, UNIT PRICE, UNIT, DISC %, TOTAL, TAX TERM

Approved for Payment [Signature] Montana Precision Products, LLC

Acct # \$ Amt Initials Date

Summary table with rows: SUB TOTAL, SHIP/HANDLING, OTHER CHARGES, SALES TAX, INVOICE TOTAL

Small print text: Credit sales subject to these terms, 30 Days net, when means each invoice should be paid within 30 days of its date...

MAIL REMITTANCE TO: P.O. BOX 418759 - BOSTON, MA 02241-8759 (503) 641-6121

OVER 100 BRANCHES THROUGHOUT THE WEST

**LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED
WITH MDOR BY MARCH 1, 2019**

LARGE USB CUSTOMER NAME	MONTANA STATE UNIVERSITY BILLINGS
UPDATE DATE:	June 3, 2019
LARGE CUSTOMER CONTACT PERSON:	Christopher Eagan
CONTACT PHONE NUMBER:	406-657-2197
CONTACT EMAIL ADDRESS:	christopher.eagan@msubillings.edu
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR	
2018 USB CREDIT PAYMENTS	\$7,040.83
2017 USB CREDIT PAYMENTS	\$609.82
TOTAL USB PAYMENTS ISSUED IN 2018	\$7,650.65
QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018	
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	20-Jan-04
AMOUNT OF REQUEST:	\$100,000
DESCRIPTION OF ENERGY EFFICIENCY PROJECT:	
The university completed a \$617,000 upgrade of various HVAC systems (A&E contract #97-07-02-02). Included in the scope of the project were Direct Digital Controls as well as Variable Speed Drive Motor at a total cost of \$100,000.	

**LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED
WITH MDOR BY MARCH 1, 2019**

LARGE USB CUSTOMER NAME	PHILLIPS66 PIPELINE	
UPDATE DATE:	June 3, 2019	
LARGE CUSTOMER CONTACT PERSON:		
CONTACT PHONE NUMBER:		
CONTACT EMAIL ADDRESS:		
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR		
2018 USB CREDIT PAYMENTS	\$121,362.52	
2017 USB CREDIT PAYMENTS	\$8,360.50	
TOTAL USB PAYMENTS ISSUED IN 2018	\$129,723.02	
QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018		
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	SEE DATES	
TOTAL AMOUNT OF REQUESTS:	\$7,945,840	
DESCRIPTION OF ENERGY EFFICIENCY PROJECTS:	INDIVIDUAL CLAIM AMOUNT	DATE CLAIM SUBMITTED
Purchased drag-reducing additive to inject into product pipelines. The additive causes the hydraulic flow regime to change from turbulent to laminar, resulting in increased hydraulic efficiency, thus reducing the amount of electricity consumed by the pump.	\$ 1,293,027	30-Nov-10
Multiple Pipelines- Injection of drag-reducing additive to improve hydraulic efficiency	\$ 1,671,781	30-Nov-09
Purchased drag-reducing additive to inject into produce pipelines. The additive causes the hydraulic flow regime to change from turbulent to laminar, resulting in increased hydraulic efficiency, thus reducing the amount of electricity consumed by pumping.	\$ 1,119,514	15-Nov-07
Three projects. Project 1: drag reducing additive to inject into product pipelines. Annual cost \$1,504,270.	\$ 1,504,270	15-Nov-06
Project 2: replace a 400 HP motor with a new higher efficiency motor at the Yellowstone Pipeline Yale Booster station. New motor replaced in July 2006.	\$ 55,000	15-Nov-06
Project 3: four pumps were repaired and upgraded with internal coatings to increase pump efficiency. The inside of the casing was coated with Jet-Kote and rotating lamente was coated with Tungsten Carbide. The combination of the coatings tightened the tolerances between element and the casing resulting in an increase of pump efficiency beyond what was originally stated by the manufacturer.	\$ 283,000	15-Nov-06
Project 1: \$1,126,358 is for drag-reducing additive to inject into product pipelines. The additive reduces viscosity of the product pumped through the pipeline, thus reducing the amount of electricity consumed by pumping system. Project 2: Request \$75,890. Replaces a 1500 HP motor with a new higher efficiency motor at the Conoco Pipeline (aka Yellowstone Pipeline) Thompson Falls #2 pump station (91307). New pump was placed in service July 2005. Project 3: Request \$25,000. Replace a 50 HP booster pump with a new higher efficiency motor at the Conoco Pipeline (aka Yellowstone Pipeline) Great Falls pump station at Helena (71303). New pump placed in service July 2005.	\$ 1,227,248	26-Oct-05
Project 1: Conoco Pipeline Company purchases drag-reducing additive to inject into product pipelines. The additive reduces the viscosity of the product pumped through the pipeline, thus reducing the amount of electricity consumed by the pumping system. This project is an ongoing, power cost savings project and has been included in our request each year. The amount of credit requested this year represents the period from January 1, 2004 through December 31, 2004. Project 2: Replace a 600 horsepower motor with a new, higher efficiency motor at the Conoco Pipeline (aka Yellowstone Pipeline) Helena Unit #5 station. Actual installation date was early 2004. Project cost \$60,000.	\$ 792,000	29-Nov-04



Gene Walborn
Director

Montana Department of Revenue



Steve Bullock
Governor

Rec'd MT DOR

May 29, 2019

JUN 10 2019

Pyramid Mountain Lumber Inc
Attn: Loren Rose
PO Box 549
Seeley Lake, MT 59868

Universal System Benefits Program Information Request

You stated in your 2018 Annual USB Report that the credit(s) claimed in 2018, totaling \$10,782.08, were for previous qualifying projects or expenditures. Would you please provide the Department of Revenue with a description of the qualifying project/expenditures, the original request amount, and the amount of the credit claimed for 2018?

We would like this information by **June 15, 2019**.

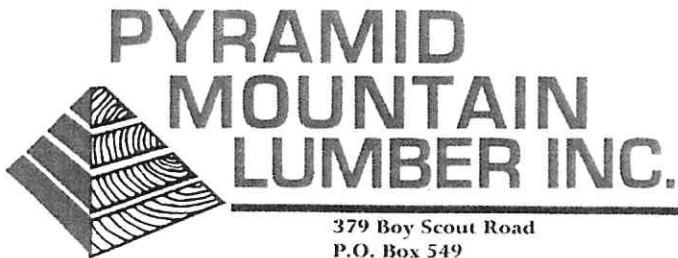
Also, please make sure in future reports that all qualifying projects and expenditures for which a credit is being claimed, even if the project/expenditure was in a prior year, is listed out, pursuant to 69-8-402(10)(a) Montana Code Annotated.

If you have any questions, please contact Mark Schoenfeld at (406) 444-1940. Thank you for your cooperation.

Sincerely,

Mark Schoenfeld
Unit Manager, Miscellaneous Tax Unit

*Mark,
Please see the
attached.
Loren*



379 Boy Scout Road
P.O. Box 549
Seeley Lake, Montana 59868
(406) 677-2201

March 22, 2017

Mark Schoenfeld, Auditor
Montana Department of Revenue
P. O. Box 5805
Helena, MT 59604-5805

Mark:

It has come to our attention that annually Pyramid Mountain Lumber needs to file a Universal System Benefits (USB) report. Missoula Electric Cooperative, our local utility has provided some information to assist in filing this report.

As I read MCA 69-8-402, Pyramid Mountain Lumber should pay a charge of the product of 0.9 mills per kilowatt hour multiplied by our total kilowatt hour purchases, less qualifying credits. Attached are spreadsheets calculating our annual charges from 2011 through 2016, which total \$69,086.00.

In 2011, Pyramid took on three energy savings projects. When you look at the summary page outlining the USB charges, you will see that our usage every year since 2011 is lower than 2011.

The three projects were:

New Compressors plant wide - \$725,619.62
New Lighting plant wide - \$260,499.18
New Sawmill Transformer - \$190,311.14

In addition, in 2016 we updated the power to our dry kilns and swapped out old motors with variable frequency drives. This project was designed to reduce power consumption at the dry kilns by at least 20%. Total cost of the project was \$158,476.70.

Pyramid is of the opinion that these four projects qualify as credits against the USB charge. The total of the credits is \$1,334,906.64. Applying the USB charges since 2011 of \$69,086.00 leaves total credits remaining to carry forward of \$1,265,820.64.

Of course we have the invoices and documentation on those four projects. The reporting guidelines do not specify whether they are to be included with the report or not. Due to the volume of invoices, they were not included. If necessary, we can provide and accounting of the projects, or make the files available for an onsite visit. That would be our preferred choice.

Mark, please let me know if there is anything else required. Also, thank you for your patience as this is foreign to us. Now that it is on our calendar, future years reporting should be timely.

Respectfully,

A handwritten signature in cursive script that reads "Loren Rose".

Loren Rose
Chief Operating Officer
Pyramid Mountain Lumber, Inc.

Cc: Mark Hayden, General Manager, MEC

**LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL
REPORT FILED WITH MDOR BY MARCH 1, 2019**

LARGE USB CUSTOMER NAME	ST. JAMES HOSPITAL
UPDATE DATE:	June 3, 2019
LARGE CUSTOMER CONTACT PERSON:	
CONTACT PHONE NUMBER:	
CONTACT EMAIL ADDRESS:	

TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR

2018 USB CREDIT PAYMENTS	\$5,358.04
2017 USB CREDIT PAYMENTS	\$442.19
TOTAL USB PAYMENTS ISSUED IN 2018	\$5,800.23

QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018

DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	30-Nov-11
AMOUNT OF REQUEST:	\$85,703

DESCRIPTION OF ENERGY EFFICIENCY PROJECT:

Replace sterile processing washers to high efficiency washers.

LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED WITH MDOR BY MARCH 1, 2019

LARGE USB CUSTOMER NAME	ST. PATRICK HOSPITAL
UPDATE DATE:	June 3, 2019
LARGE CUSTOMER CONTACT PERSON:	
CONTACT PHONE NUMBER:	
CONTACT EMAIL ADDRESS:	
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR	
2018 USB CREDIT PAYMENTS	\$7.51
2017 USB CREDIT PAYMENTS	\$1,044.47
TOTAL USB PAYMENTS ISSUED IN 2018	\$1,051.98
QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018	
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	26-Oct-17
AMOUNT OF REQUEST:	\$12,741.00
DESCRIPTION OF ENERGY EFFICIENCY PROJECT:	
Replace parking lot lights with LEDs.	



REVISED PROPOSAL

8.29.17

To: St Patrick Hospital

ATTN: Tim Chopp

RE: New LED pole mounted lights in the West parking and main entry lots

Tim,

The NOT TO EXCEED cost to do the electrical work associated with changing 14 pole mounted HPS lights to LED on 12 poles as per our discussions is:

For (14) 300 watt LED shoebox fixtures similar to the ones we put in the PC lot except larger size is \$10,519.00. This model has been discontinued and is subject to availability.

For (14) 235 watt new style LED fixtures is \$12,795.00. This model replaces the 300 watt fixture. It puts out about 10,000 more lumens of light for 65 fewer watts. Please see attached cut sheets.

These fixtures are only available in bronze so they wont match the poles. They include the mounting arm and new photocell.

This includes disposal and removal of old fixtures / lamps

This excludes:

- Any control or new circuitry.
- Traffic or parking control
- After hours or overtime work

We appreciate the opportunity to provide you with this proposal. If you have any questions, please don't hesitate to call. This proposal may be withdrawn if not accepted within 30 days.

Thank you,

Lee McMillan, Estimator/Project Manager

LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED WITH MDOR BY MARCH 1, 2018

LARGE USB CUSTOMER NAME	ST. VINCENT HEALTHCARE
UPDATE DATE:	June 3, 2019
LARGE CUSTOMER CONTACT PERSON:	Tony Jankovitch
CONTACT PHONE NUMBER:	(406) 237-3718
CONTACT EMAIL ADDRESS:	tony.jankovitch@sclhealth.org
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR	
2018 USB CREDIT PAYMENTS	\$15,231.26
2017 USB CREDIT PAYMENTS	\$1,435.17
TOTAL USB PAYMENTS ISSUED IN 2018	\$16,666.43
QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018	
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	20-Oct-10
AMOUNT OF REQUEST:	\$185,559.00
DESCRIPTION OF ENERGY EFFICIENCY PROJECT:	
Changed neon signs on east end of building to LED.	

LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED WITH MDOR BY MARCH 1, 2019

LARGE USB CUSTOMER NAME	UNIVERSITY OF MONTANA
UPDATE DATE:	June 3, 2019
LARGE CUSTOMER CONTACT PERSON:	
CONTACT PHONE NUMBER:	
CONTACT EMAIL ADDRESS:	
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR	
2018 USB CREDIT PAYMENTS	\$39,525.71
2017 USB CREDIT PAYMENTS	\$3,789.67
TOTAL USB PAYMENTS ISSUED IN 2018	\$43,315.38
QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018	
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	20-Nov-13
AMOUNT OF REQUEST:	\$2,867,373
DESCRIPTION OF ENERGY EFFICIENCY PROJECT:	
Multiple projects related to lighting upgrades, domestic hot water upgrades, vfd and vav conversions, HVAC systems, etc.	

**LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL
REPORT FILED WITH MDOR BY MARCH 1, 2019**

LARGE USB CUSTOMER NAME	US AIR FORCE	
UPDATE DATE:	June 3, 2019	
LARGE CUSTOMER CONTACT PERSON:		
CONTACT PHONE NUMBER:		
CONTACT EMAIL ADDRESS:		
TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR		
2018 USB CREDIT PAYMENTS	\$47,303.95	
2017 USB CREDIT PAYMENTS	\$4,286.39	
TOTAL USB PAYMENTS ISSUED IN 2018	\$51,590.34	
QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018		
DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	SEE DATES	
TOTAL AMOUNT OF REQUESTS:	\$283,386	
DESCRIPTION OF ENERGY EFFICIENCY PROJECTS:	INDIVIDUAL CLAIM AMOUNT	DATE CLAIM SUBMITTED
1. K9 kennel construction - \$31,185 w/ 2.9 kW saved and 3768 kWh saved 2. Dorm 764 Renovation - \$21,479 w/ 25.1 kW saved and 57,870 kWh saved 3. Jobs performed by electric shop - \$29,826 w/ 10.99 kW saved & 17,306 kWh	\$ 82,490	26-Nov-13
1) Renovate base housing 2) Renovate building 740 (Dorm) 3) Construct building 1836 (WSA Management) 4) Construct building (WSA Inert Storage) 5) Construct Building (Munitions storage igloo's)	\$ 200,896	29-Nov-11

LARGE CUSTOMER 2018 USB REPORT UPDATE TO USB ANNUAL REPORT FILED WITH MDOR BY MARCH 1, 2019

LARGE USB CUSTOMER NAME	WESTERN SUGAR COOPERATIVE
UPDATE DATE:	June 3, 2019
LARGE CUSTOMER CONTACT PERSON:	Mark Hilzendeger
CONTACT PHONE NUMBER:	406-927-8026
CONTACT EMAIL ADDRESS:	mhilzendeger@westernsugar.com

TOTAL USB CREDIT PAYMENTS RECEIVED IN 2018 REPORTING YEAR

2018 USB CREDIT PAYMENTS	\$14,763.37
2017 USB CREDIT PAYMENTS	\$2,446.38
TOTAL USB PAYMENTS ISSUED IN 2018	\$17,209.75

QUALIFYING PROJECT(S) RESULTING IN USB CREDIT REIMBURSEMENT IN 2018

DATE USB CLAIM SUBMITTED TO NORTHWESTERN ENERGY (FORM B):	30-Nov-16
AMOUNT OF REQUEST:	\$126,415

DESCRIPTION OF ENERGY EFFICIENCY PROJECT:

We had an energy efficient LED lighting project that cost \$208,868, but after a rebate of \$82,452.75 the final net out of pocket cost to Western Sugar was \$126,415.25 that we are claiming for Large USB credits.