



**Case No.:** \_\_\_\_-\_\_\_\_-EL-EEC

**Mercantile Customer:** DSW, Inc.

**Electric Utility:** Duke Energy Ohio

**Program Title or  
Description:** EMS Installation

Rule 4901:1-39-05(F), Ohio Administrative Code (O.A.C.), permits a mercantile customer to file, either individually or jointly with an electric utility, an application to commit the customer’s existing demand reduction, demand response, and energy efficiency programs for integration with the electric utility’s programs. The following application form is to be used by mercantile customers, either individually or jointly with their electric utility, to apply for commitment of such programs in accordance with the Commission’s pilot program established in Case No. [10-834-EL-POR](#)

Completed applications requesting the cash rebate reasonable arrangement option (Option 1) in lieu of an exemption from the electric utility’s energy efficiency and demand reduction (EEDR) rider will be automatically approved on the sixty-first calendar day after filing, unless the Commission, or an attorney examiner, suspends or denies the application prior to that time. Completed applications requesting the exemption from the EEDR rider (Option 2) will also qualify for the 60-day automatic approval so long as the exemption period does not exceed 24 months. Rider exemptions for periods of more than 24 months will be reviewed by the Commission Staff and are only approved up the issuance of a Commission order.

Complete a separate application for each customer program. Projects undertaken by a customer as a single program at a single location or at various locations within the same service territory should be submitted together as a single program filing, when possible. Check all boxes that are applicable to your program. For each box checked, be sure to complete all subparts of the question, and provide all requested additional information. Submittal of incomplete applications may result in a suspension of the automatic approval process or denial of the application.

Any confidential or trade secret information may be submitted to Staff on disc or via email at [ee-pdr@puc.state.oh.us](mailto:ee-pdr@puc.state.oh.us).

## Section 1: Mercantile Customer Information

Name: **DSW, Inc.**

Principal address: **810 DSW Drive, Columbus, OH 43219**

Address of facility for which this energy efficiency program applies:

**489 East Kemper Road, Springdale, OH 45246**

**2701 Edmondson Road, Cincinnati, OH 45209**

**650 EastGate South Drive, Cincinnati, OH 45245**

Name and telephone number for responses to questions:

**Grady Reid, Jr Duke Energy 513-287-1038**

Electricity use by the customer (check the box(es) that apply):

- The customer uses more than seven hundred thousand kilowatt hours per year at the above facility. (Please attach documentation.)**
- The customer is part of a national account involving multiple facilities in one or more states. (Please attach documentation.)

## Section 2: Application Information

A) The customer is filing this application (choose which applies):

- Individually, without electric utility participation.
- Jointly with the electric utility.**

B) The electric utility is: **Duke Energy Ohio**

C) The customer is offering to commit (check any that apply):

- Energy savings from the customer's energy efficiency program. (Complete Sections 3, 5, 6, and 7.)
- Capacity savings from the customer's demand response/demand reduction program. (Complete Sections 4, 5, 6, and 7.)
- Both the energy savings and the capacity savings from the customer's energy efficiency program. (Complete all sections of the Application.)**

### Section 3: Energy Efficiency Programs

A) The customer's energy efficiency program involves (check those that apply):

- ✓ **Early replacement of fully functioning equipment with new equipment. (Provide the date on which the customer replaced fully functioning equipment, and the date on which the customer would have replaced such equipment if it had not been replaced early. Please include a brief explanation for how the customer determined this future replacement date (or, if not known, please explain why this is not known)).**

**EMS Installation Dates:**

**Store 29144 -Springdale Plaza: 9/29/2010**

**Store 29177 - Rookwood Commons: 9/29/2010**

**Store 29257 - EastGate: 9/27/2010**

**EMS installed are not actual replacements but were installed without any requirement that the customer do so.**

- Installation of new equipment to replace equipment that needed to be replaced The customer installed new equipment on the following date(s):  
\_\_\_\_\_.
- Installation of new equipment for new construction or facility expansion. The customer installed new equipment on the following date(s):  
\_\_\_\_\_.
- Behavioral or operational improvement.

B) Energy savings achieved/to be achieved by the energy efficiency program:

- 1) If you checked the box indicating that the project involves the early replacement of fully functioning equipment replaced with new equipment, then calculate the annual savings [(kWh used by the original equipment) - (kWh used by new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

**Annual savings: 120,441 kWh (Refer to Appendix B for calculations and supporting documents).**

- 2) If you checked the box indicating that the customer installed new equipment to replace equipment that needed to be replaced, then calculate the annual savings [(kWh used by less efficient new equipment) - (kWh

used by the higher efficiency new equipment) = (kWh per year saved)].  
Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_kWh

Please describe any less efficient new equipment that was rejected in favor of the more efficient new equipment.

- 3) If you checked the box indicating that the project involves equipment for new construction or facility expansion, then calculate the annual savings [(kWh used by less efficient new equipment) - (kWh used by higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_kWh

Please describe the less efficient new equipment that was rejected in favor of the more efficient new equipment.

- 4) If you checked the box indicating that the project involves behavioral or operational improvements, provide a description of how the annual savings were determined.
-

## Section 4: Demand Reduction/Demand Response Programs

- A) The customer's program involves (check the one that applies):
- Coincident peak-demand savings from the customer's energy efficiency program.
  - Actual peak-demand reduction. (Attach a description and documentation of the peak-demand reduction.)
  - Potential peak-demand reduction (check the one that applies):
    - The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a tariff of a regional transmission organization (RTO) approved by the Federal Energy Regulatory Commission.
    - The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a program that is equivalent to an RTO program, which has been approved by the Public Utilities Commission of Ohio.
- B) On what date did the customer initiate its demand reduction program?  
\_\_\_\_\_
- C) What is the peak demand reduction achieved or capable of being achieved (show calculations through which this was determined):  
\_\_\_\_\_ kW

## Section 5: Request for Cash Rebate Reasonable Arrangement (Option 1) or Exemption from Rider (Option 2)

Under this section, check the box that applies and fill in all blanks relating to that choice.

Note: If Option 2 is selected, the application will not qualify for the 60-day automatic approval. All applications, however, will be considered on a timely basis by the Commission.

A) The customer is applying for:

**Option 1: A cash rebate reasonable arrangement.**

OR

Option 2: An exemption from the energy efficiency cost recovery mechanism implemented by the electric utility.

OR

Commitment payment

B) The value of the option that the customer is seeking is:

Option 1: A cash rebate reasonable arrangement, which is the lesser of (show both amounts):

A cash rebate of **\$2,850. Refer to Appendix C for documentation.** Attach documentation showing the methodology used to determine the cash rebate value and calculations showing how this payment amount was determined.)

Option 2: An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider.

An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for \_\_\_\_ months (not to exceed 24 months). (Attach calculations showing how this time period was determined.)

OR

A commitment payment valued at no more than

OR

- Ongoing exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for an initial period of 24 months because this program is part of the customer's ongoing efficiency program. (Attach documentation that establishes the ongoing nature of the program.) In order to continue the exemption beyond the initial 24 month period, the customer will need to provide a future application establishing additional energy savings and the continuance of the organization's energy efficiency program.)

### **Section 6: Cost Effectiveness**

The program is cost effective because it has a benefit/cost ratio greater than 1 using the (choose which applies):

- Total Resource Cost (TRC) Test. The calculated TRC value is: \_\_\_\_\_  
(Continue to Subsection 1, then skip Subsection 2)
- ✓ Utility Cost Test (UCT). **The calculated UCT value is: 11.43 (Refer to Appendix D for calculations and supporting documents).**

Subsection 1: \_\_\_\_\_ TRC Test Used (please fill in all blanks).

The TRC value of the program is calculated by dividing the value of our avoided supply costs (generation capacity, energy, and any transmission or distribution) by the sum of our program overhead and installation costs and any incremental measure costs paid by either the customer or the electric utility.

The electric utility's avoided supply costs were \_\_\_\_\_.

Our program costs were \_\_\_\_\_.

The incremental measure costs were \_\_\_\_\_.

Subsection 2: UCT Used (please fill in all blanks).

We calculated the UCT value of our program by dividing the value of our avoided supply costs (capacity and energy) by the costs to our electric utility (including administrative costs and incentives paid or rider exemption costs) to obtain our commitment.

**Our avoided supply costs were \$32,574.**

**The utility's program costs were \$1,995.**

**The utility's incentive costs/rebate costs were \$2,850.**

### **Section 7: Additional Information**

Please attach the following supporting documentation to this application:

- Narrative description of the program including, but not limited to, make, model, and year of any installed and replaced equipment.
- A copy of the formal declaration or agreement that commits the program or measure to the electric utility, including:
  - 1) any confidentiality requirements associated with the agreement;
  - 2) a description of any consequences of noncompliance with the terms of the commitment;
  - 3) a description of coordination requirements between the customer and the electric utility with regard to peak demand reduction;
  - 4) permission by the customer to the electric utility and Commission staff and consultants to measure and verify energy savings and/or peak-demand reductions resulting from your program; and,
  - 5) a commitment by the customer to provide an annual report on your energy savings and electric utility peak-demand reductions achieved

#### **Refer to attached Rebate Offer Letter following this application**

- A description of 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.





**DUKE ENERGY CORPORATION**  
Mercantile Self Direct Program  
139 East Fourth Street  
Cincinnati, OH 45202  
513 419 5572 fax

September 19, 2011

Mr. Dave Crawford  
DSW, Inc.  
810 DSW Drive  
Columbus, OH 43219

**Subject: Your Application for a Duke Energy Mercantile Self-Direct Rebate**

Dear Mr. Crawford:

Thank you for your Duke Energy Mercantile Self Direct rebate application. As noted in the Energy Conservation Measure (ECM) chart on page two, a total rebate of \$2,850 has been proposed for your EMS projects at various stores completed in the 2010 calendar year. All Self Direct Rebates are contingent upon approval by the Public Utilities Commission of Ohio (PUCO).

At your earliest convenience, please indicate if you accept this rebate by

- providing your signature on page two
- completing the PUCO-required affidavit on page three.

Please return the documents to my attention via fax, (513) 491-5572, or e-mail, [selfdirect@duke-energy.com](mailto:selfdirect@duke-energy.com). Upon receipt, Duke Energy will submit the necessary documentation to PUCO. Following PUCO's approval, Duke Energy will remit payment.

At Duke Energy, we value your business and look forward to working with you on this and future energy efficiency projects. We hope you will consider our Smart Saver® incentives, when applicable. Please contact me if you have any questions.

Sincerely,

Cory C. Gordon  
Product Manager  
Mercantile Self Direct Rebates

cc: Mr. Terry Holt, Duke Energy  
Mr. Rob Jung, WECC  
Mr. Ravi Thomas, Siemens Industry



Public Utilities Commission

Application to Commit Energy Efficiency/Peak Demand Reduction Programs (Mercantile Customers Only)

Case No.: \_\_\_ - \_\_\_ -EL-EEC

State of Ohio :

Dave Crawford, Affiant, being duly sworn according to law, deposes and says that:

1. I am the duly authorized representative of:

DSW Inc.

[insert customer or EDU company name and any applicable name(s) doing business as]

2. I have personally examined all the information contained in the foregoing application, including any exhibits and attachments. Based upon my examination and inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete.

3. I am aware of fines and penalties which may be imposed under Ohio Revised Code Sections 2921.11, 2921.31, 4903.02, 4903.03, and 4903.99 for submitting false information.

Handwritten signature of Dave Crawford

V.P. - STATE PLANNING

Signature of Affiant & Title

Sworn and subscribed before me this 4th day of May, 2012 Month/Year

Handwritten signature of official administering oath

Signature of official administering oath

Jeffrey J. Rovda Notary Public Print Name and Title

My commission expires on 5-19-15



JEFFREY J. ROVDA Notary Public, State of Ohio Franklin County My Comm. Expires May 19, 2015



Please indicate your response to this rebate offer within 30 days of receipt.

Rebate is accepted.

Rebate is declined.

By accepting this rebate, DSW, Inc. affirms its intention to commit and integrate the energy efficiency projects listed on the following pages into Duke Energy's peak demand reduction, demand response and/or energy efficiency programs.

Additionally, DSW, Inc. also agrees to serve as joint applicant in any future filings necessary to secure approval of this arrangement as required by PUCO and to comply with any information and reporting requirements imposed by rule or as part of that approval.

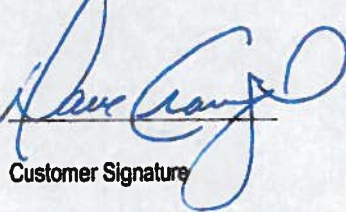
Finally, DSW, Inc. affirms that all application information submitted to Duke Energy pursuant to this rebate offer is true and accurate. Information in question would include, but not be limited to, project scope, equipment specifications, equipment operational details, project costs, project completion dates, and the quantity of energy conservation measures installed.

If rebate is accepted, will you use the monies to fund future energy efficiency and/or demand reduction projects?

YES

NO

If rebate is declined, please indicate reason (optional):



DAVE CRAWFORD

9.27.2011

Customer Signature

Printed Name

Date

### Proposed Rebate Amounts

Measure ID	Energy Conservation Measure (ECM)	Proposed Rebate Amount
ECM-1	DSW EMS, 29144 (Springdale) –EMS	\$1,000.00
ECM-2	DSW EMS, 29177 (Rookwood) –EMS	\$1,050.00
ECM-3	DSW EMS, 29257 (E. Gate) –EMS	\$800.00
ECM-4		
ECM-5		
Total		\$2,850.00

77602216 02		
electric meter 11639705	Rate DS01	
<b>DSW SHOES #29144</b>		
489 KEMPER RD E		
CINCINNATI, OH 45246		
Date	Days	Actual KWH
7/28/2011	30	52,219
6/28/2011	32	48,540
5/27/2011	29	37,833
4/28/2011	30	35,581
3/29/2011	29	30,752
2/28/2011	31	30,124
1/28/2011	30	28,783
12/29/2010	35	35,859
11/24/2010	29	29,925
10/26/2010	29	32,573
9/27/2010	32	48,712
8/26/2010	29	46,028
<b>Totals</b>		<b>456,929</b>

65902183 02		
electric meter 11640254	Rate DS01	
<b>D S W SHOE WAREHOUSE 29177</b>		
2701 EDMONDSON RD		
CINCINNATI, OH 45209		
Date	Days	Actual KWH
7/22/2011	30	36,573
6/22/2011	30	32,407
5/23/2011	32	26,005
4/21/2011	29	21,443
3/23/2011	29	19,853
2/22/2011	29	22,184
1/24/2011	34	27,498
12/21/2010	33	24,747
11/18/2010	29	21,770
10/20/2010	29	26,526
9/21/2010	32	27,083
8/20/2010	29	32,258
		<b>318,347</b>

45902183 07		
electric meter 104885266	Rate DS01	
<b>D S W SHOE WAREHOUSE 29177</b>		
2699 EDMONDSON RD		
CINCINNATI, OH 45209		
Date	Days	Actual KWH
7/22/2011	30	18,160
6/22/2011	30	16,880
5/23/2011	32	14,160
4/21/2011	29	12,080
3/23/2011	29	11,280
2/22/2011	29	11,040
1/24/2011	34	13,200
12/21/2010	33	13,120
11/18/2010	29	11,280
10/20/2010	29	14,400
9/21/2010	32	18,720
8/20/2010	29	20,320
<b>Totals</b>		<b>174,640</b>

34702062 05		
electric meter 108035163	Rate DS01	
<b>D S W SHOE WAREHOUSE 29257</b>		
650 EASTGATE SOUTH DRSTORE: C		
CINCINNATI, OH 45245		
Date	Days	Actual KWH
7/11/2011	32	35,120
6/9/2011	30	31,280
5/10/2011	32	27,680
4/8/2011	29	21,840
3/10/2011	29	21,200
2/9/2011	29	18,240
1/11/2011	34	29,040
12/8/2010	33	24,720
11/5/2010	29	23,520
10/7/2010	29	29,040
9/8/2010	30	37,920
8/9/2010	31	42,000
		<b>341,600</b>

## Appendix B -Energy Savings Achieved

### Self Direct -Custom Calculations

As-Found Equipment	Total Annual kWh	New Equipment	Total Annual kWh	Total Energy Savings (kWh)
29144 (Springdale Plaza) - No EMS present	435,979	EMS	395,771	40,208
29177 (Rookwood Commons) - EMS - No EMS present	439,186	EMS	398,073	41,113
29257 (EastGate) - No EMS present	363,941	EMS	332,430	31,511
<b>Totals</b>	<b>1,239,106</b>		<b>1,126,274</b>	<b>112,832</b>

Note: kWh savings derived from model received from the vendor. The TA's energy models are the reviewed source of our Custom energy savings values. Model results attached.

Quantity	Total Energy Savings (kWh) AT THE METER	Electric Line Losses	Total Energy Savings (kWh) AT THE PLANT
Store #29144 (Springdale Plaza) 1	39,960	7.43%	42,930
Store #29177 (Rookwood Commons) 1	40,842	7.43%	43,878
Store #29257 (EastGate)1	31,306	7.43%	33,633
<b>Totals</b>	<b>112,108</b>		<b>120,441</b>

Note: kWh savings in the above table may differ slightly from applicant calculations due to avoided cost software modeling rounding error.

Inclusion of 7.43% line losses yields **120,441 kWh** saved at the plant. This value also includes insignificant software rounding error due to the mode of analysis used to model the project in DSMore

Confidential



Customer: DSW  
 Location: 29144  
 28,400 sf

Use Prorated Savings	kWh	Yes	kW	Yes	
Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29144	01/01/10	31	35,480	74.40	\$ 3,875.09
29144	02/01/10	28	30,847	149.90	\$ 2,348.69
29144	03/01/10	31	29,907	78.20	\$ 2,277.12
29144	04/01/10	30	32,623	94.20	\$ 2,483.91
29144	05/01/10	31	37,221	103.80	\$ 2,834.00
29144	06/01/10	30	38,905	118.10	\$ 2,962.23
29144	07/01/10	31	40,875	121.80	\$ 3,112.23
29144	08/01/10	31	45,176	119.50	\$ 3,439.70
29144	09/01/10	30	41,210	121.90	\$ 3,137.73
29144	10/01/10	31	40,383	113.90	\$ 3,074.76
29144	11/01/10	30	33,143	97.30	\$ 2,523.51
29144	12/01/10	31	30,209	98.60	\$ 2,300.11
<b>Totals</b>		<b>365</b>	<b>435,979</b>	<b>1291.6</b>	<b>\$34,369.08</b>
			15.35-kWh/sf	3.79-W/sf	\$1.21/sf

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29144	01/01/10	31	35,480	74.4	\$3,875.09
29144	02/01/10	28	30,847	149.9	\$2,348.69
29144	03/01/10	31	29,907	78.2	\$2,277.12
29144	04/01/10	30	32,623	94.2	\$2,483.91
29144	05/01/10	31	37,221	103.8	\$2,834.00
29144	06/01/10	30	38,905	118.1	\$2,962.23
29144	07/01/10	31	40,875	121.8	\$3,112.23
29144	08/01/10	31	45,176	119.5	\$3,439.70
29144	09/01/10	30	41,210	121.9	\$3,137.73
29144	10/01/10	31	40,383	113.9	\$3,074.76
29144	11/01/10	30	33,143	97.3	\$2,523.51
29144	12/01/10	31	30,209	98.6	\$2,300.11
<b>Totals</b>		<b>365</b>	<b>435,979</b>	<b>1291.6</b>	<b>\$34,369.08</b>

Summer	\$0.13265	\$12.00	On-Peak 9			
Winter	\$0.10000	\$10.00	Time Frame 21			
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	1,709	4.8%	33.3	44.8%	\$504.29	13.0%
w	1,512	4.9%	57.7	38.5%	\$728.28	31.0%
w	1,714	5.7%	26.1	33.4%	\$432.79	19.0%
w	2,850	8.7%	29.7	31.6%	\$582.34	23.4%
w	4,109	11.0%	38.5	37.1%	\$796.05	28.1%
s	5,033	12.9%	47.7	40.4%	\$1,240.56	41.9%
s	5,664	13.9%	45.1	37.1%	\$1,292.93	41.5%
s	5,901	13.1%	44.3	37.1%	\$1,314.73	38.2%
s	4,789	11.6%	45.2	37.1%	\$1,177.95	37.5%
w	3,374	8.4%	41.5	36.5%	\$752.57	24.5%
w	1,974	6.0%	32.5	33.4%	\$522.67	20.7%
w	1,579	5.2%	38.0	38.5%	\$537.52	23.4%
<b>Totals</b>	<b>40,209</b>	<b>9.2%</b>	<b>479.9</b>	<b>37.2%</b>	<b>\$9,882.68</b>	<b>28.8%</b>

HVAC Only Savings						
Summer	\$0.13265	\$12.00	On-Peak 9			
Winter	\$0.10000	\$10.00	Time Frame 21			
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	0	0.0%	0.0	0.0%	\$0.00	0.0%
w	27	0.1%	21.1	14.1%	\$213.85	9.1%
w	297	1.0%	8.1	10.4%	\$110.82	4.9%
w	1,420	4.4%	9.4	10.0%	\$236.30	9.5%
w	2,747	7.4%	15.7	15.1%	\$431.24	15.2%
s	3,813	9.8%	20.9	17.7%	\$756.65	25.5%
s	4,439	10.9%	21.6	17.7%	\$847.59	27.2%
s	4,500	10.0%	18.0	15.1%	\$813.15	23.6%
s	3,337	8.1%	18.4	15.1%	\$663.28	21.1%
w	1,626	4.0%	11.4	10.0%	\$276.64	9.0%
w	411	1.2%	5.3	5.5%	\$94.52	3.7%
w	130	0.4%	13.9	14.1%	\$151.90	6.6%
<b>Totals</b>	<b>22,748</b>	<b>5.2%</b>	<b>163.8</b>	<b>12.7%</b>	<b>\$4,595.93</b>	<b>13.4%</b>

Confidential



Customer: DSW  
 Location: 29144  
 28,400 sf

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29144	01/01/10	31	35,480	74.4	\$3,875.09
29144	02/01/10	28	30,847	149.9	\$2,348.69
29144	03/01/10	31	29,907	78.2	\$2,277.12
29144	04/01/10	30	32,623	94.2	\$2,483.91
29144	05/01/10	31	37,221	103.8	\$2,834.00
29144	06/01/10	30	38,905	118.1	\$2,962.23
29144	07/01/10	31	40,875	121.8	\$3,112.23
29144	08/01/10	31	45,176	119.5	\$3,439.70
29144	09/01/10	30	41,210	121.9	\$3,137.73
29144	10/01/10	31	40,383	113.9	\$3,074.76
29144	11/01/10	30	33,143	97.3	\$2,523.51
29144	12/01/10	31	30,209	98.6	\$2,300.11
<b>Totals</b>		<b>365</b>	<b>435,979</b>	<b>1291.6</b>	<b>\$34,369.08</b>

Lighting Only Savings						
Summer	\$0.13265		\$12.00		On-Peak 9	
Winter	\$0.10000		\$10.00		Time Frame 21	
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	1,709	4.8%	33.3	44.8%	\$504.29	13.0%
w	1,485	4.8%	57.7	38.5%	\$725.55	30.9%
w	1,417	4.7%	22.2	28.4%	\$363.58	16.0%
w	1,430	4.4%	24.9	26.4%	\$392.12	15.8%
w	1,362	3.7%	24.8	23.9%	\$384.66	13.6%
s	1,219	3.1%	26.8	22.7%	\$483.91	16.3%
s	1,225	3.0%	27.7	22.7%	\$494.74	15.9%
s	1,401	3.1%	28.6	23.9%	\$529.01	15.4%
s	1,451	3.5%	29.2	23.9%	\$542.64	17.3%
w	1,748	4.3%	30.1	26.4%	\$475.92	15.5%
w	1,563	4.7%	27.6	28.4%	\$432.39	17.1%
w	1,449	4.8%	38.0	38.5%	\$524.49	22.8%
<b>Totals</b>	<b>17,460</b>	<b>4.0%</b>	<b>371.0</b>	<b>28.7%</b>	<b>\$5,853.29</b>	<b>17.0%</b>

Confidential



Customer: DSW  
 Location: 29177  
 35,500 sf

Use Prorated Savings	kWh	Yes	kW	Yes	
Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29177	01/01/10	31	34,357	\$ 80.80	\$1,993.67
29177	02/01/10	28	31,495	\$ 89.00	\$2,418.26
29177	03/01/10	31	36,707	\$ 111.80	\$2,818.10
29177	04/01/10	30	34,849	\$ 108.30	\$2,675.51
29177	05/01/10	31	40,257	\$ 128.30	\$3,091.36
29177	06/01/10	30	47,381	\$ 149.40	\$3,637.31
29177	07/01/10	31	45,110	\$ 140.00	\$3,163.06
29177	08/01/10	31	40,784	\$ 148.50	\$3,134.08
29177	09/01/10	30	38,293	\$ 135.80	\$2,951.77
29177	10/01/10	31	29,492	\$ 103.50	\$2,265.12
29177	11/01/10	30	29,318	\$ 86.20	\$2,251.44
29177	12/01/10	31	31,143	\$ 78.70	\$2,391.98
<b>Totals</b>		<b>365</b>	<b>439,186</b>	<b>1360.3</b>	<b>\$32,791.66</b>
			12.37-kWh/sf	3.19-W/sf	\$0.92/sf

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29177	01/01/10	31	34,357	80.8	\$1,993.67
29177	02/01/10	28	31,495	89	\$2,418.26
29177	03/01/10	31	36,707	111.8	\$2,818.10
29177	04/01/10	30	34,849	108.3	\$2,675.51
29177	05/01/10	31	40,257	128.3	\$3,091.36
29177	06/01/10	30	47,381	149.4	\$3,637.31
29177	07/01/10	31	45,110	140	\$3,163.06
29177	08/01/10	31	40,784	148.5	\$3,134.08
29177	09/01/10	30	38,293	135.8	\$2,951.77
29177	10/01/10	31	29,492	103.5	\$2,265.12
29177	11/01/10	30	29,318	86.2	\$2,251.44
29177	12/01/10	31	31,143	78.7	\$2,391.98
<b>Totals</b>		<b>365</b>	<b>439,186</b>	<b>1360.3</b>	<b>\$32,791.66</b>

Summer	\$0.13265	\$12.00	On-Peak 9				
Winter	\$0.10000	\$10.00	Time Frame 21				
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings	
w	1,599	4.7%	35.2	43.5%	\$511.69	25.7%	
w	1,492	4.7%	33.2	37.3%	\$481.38	19.9%	
w	2,052	5.6%	35.9	32.1%	\$564.18	20.0%	
w	3,040	8.7%	32.7	30.2%	\$630.71	23.6%	
w	4,540	11.3%	46.6	36.3%	\$919.92	29.8%	
s	6,221	13.1%	51.7	34.6%	\$1,445.20	39.7%	
s	6,392	14.2%	51.1	36.5%	\$1,461.17	46.2%	
s	5,463	13.4%	53.9	36.3%	\$1,371.74	43.8%	
s	4,558	11.9%	49.3	36.3%	\$1,196.40	40.5%	
w	2,468	8.4%	36.7	35.5%	\$614.16	27.1%	
w	1,709	5.8%	27.7	32.1%	\$447.60	19.9%	
w	1,579	5.1%	29.4	37.3%	\$451.61	18.9%	
<b>Totals</b>		<b>41,113</b>	<b>9.4%</b>	<b>483.3</b>	<b>35.5%</b>	<b>\$10,095.77</b>	<b>30.8%</b>

HVAC Only Savings							
Summer	\$0.13265	\$12.00	On-Peak 9				
Winter	\$0.10000	\$10.00	Time Frame 21				
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings	
w	0	0.0%	0.0	0.0%	\$0.00	0.0%	
w	28	0.1%	12.7	14.3%	\$130.06	5.4%	
w	374	1.0%	11.4	10.2%	\$151.16	5.4%	
w	1,572	4.5%	11.8	10.9%	\$275.27	10.3%	
w	3,146	7.8%	17.7	13.8%	\$491.28	15.9%	
s	4,830	10.2%	20.3	13.6%	\$884.15	24.3%	
s	5,130	11.4%	19.3	13.8%	\$911.85	28.8%	
s	4,280	10.5%	20.4	13.8%	\$813.16	25.9%	
s	3,287	8.6%	18.7	13.8%	\$660.34	22.4%	
w	1,244	4.2%	11.3	10.9%	\$237.25	10.5%	
w	374	1.3%	5.2	6.0%	\$89.33	4.0%	
w	136	0.4%	11.3	14.3%	\$126.15	5.3%	
<b>Totals</b>		<b>24,404</b>	<b>5.6%</b>	<b>160.0</b>	<b>11.8%</b>	<b>\$4,770.00</b>	<b>14.5%</b>



Confidential



Customer: DSW  
 Location: 29177  
 35,500 sf

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29177	01/01/10	31	34,357	80.8	\$1,993.67
29177	02/01/10	28	31,495	89	\$2,418.26
29177	03/01/10	31	36,707	111.8	\$2,818.10
29177	04/01/10	30	34,849	108.3	\$2,675.51
29177	05/01/10	31	40,257	128.3	\$3,091.36
29177	06/01/10	30	47,381	149.4	\$3,637.31
29177	07/01/10	31	45,110	140	\$3,163.06
29177	08/01/10	31	40,784	148.5	\$3,134.08
29177	09/01/10	30	38,293	135.8	\$2,951.77
29177	10/01/10	31	29,492	103.5	\$2,265.12
29177	11/01/10	30	29,318	86.2	\$2,251.44
29177	12/01/10	31	31,143	78.7	\$2,391.98
<b>Totals</b>		<b>365</b>	<b>439,186</b>	<b>1360.3</b>	<b>\$32,791.66</b>

Lighting Only Savings						
Summer	\$0.13265		\$12.00		On-Peak 9	
Winter	\$0.10000		\$10.00		Time Frame 21	
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	1,599	4.7%	35.2	43.5%	\$511.69	25.7%
w	1,464	4.6%	33.2	37.3%	\$478.55	19.8%
w	1,679	4.6%	29.7	26.6%	\$464.82	16.5%
w	1,468	4.2%	26.6	24.6%	\$413.12	15.4%
w	1,394	3.5%	29.2	22.7%	\$431.10	13.9%
s	1,391	2.9%	34.0	22.7%	\$592.17	16.3%
s	1,261	2.8%	31.8	22.7%	\$549.32	17.4%
s	1,182	2.9%	33.8	22.7%	\$562.00	17.9%
s	1,271	3.3%	30.9	22.7%	\$539.20	18.3%
w	1,224	4.1%	25.5	24.6%	\$376.92	16.6%
w	1,334	4.6%	22.9	26.6%	\$362.38	16.1%
w	1,443	4.6%	29.4	37.3%	\$437.97	18.3%
<b>Totals</b>	<b>16,709</b>	<b>3.8%</b>	<b>362.1</b>	<b>26.6%</b>	<b>\$5,719.24</b>	<b>17.4%</b>

Confidential



Customer: DSW  
 Location: 29257  
 24,643 sf

Use Prorated Savings	kWh	Yes	kW	Yes	
Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29257	01/01/10	31	28,560	77.52	\$ 2,232.60
29257	02/01/10	28	28,080	67.20	\$ 2,155.24
29257	03/01/10	31	21,941	81.60	\$ 2,118.46
29257	04/01/10	30	26,400	93.60	\$ 1,995.84
29257	05/01/10	31	29,280	91.20	\$ 2,213.57
29257	06/01/10	30	34,800	98.40	\$ 2,630.88
29257	07/01/10	31	37,200	103.20	\$ 2,812.32
29257	08/01/10	31	35,280	98.40	\$ 2,667.17
29257	09/01/10	30	38,880	100.80	\$ 2,939.33
29257	10/01/10	31	30,720	96.00	\$ 2,322.43
29257	11/01/10	30	25,200	84.00	\$ 1,905.12
29257	12/01/10	31	27,600	81.60	\$ 2,086.56
<b>Totals</b>		<b>365</b>	<b>363,941</b>	<b>1073.52</b>	<b>\$28,079.52</b>
			14.77-kWh/sf	3.63-W/sf	\$1.14/sf

Summer	\$0.13265	\$12.00	On-Peak 9				
Winter	\$0.10000	\$10.00	Time Frame 21				
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings	
w	1,377	4.8%	34.8	44.8%	\$485.23	21.7%	
w	1,374	4.9%	26.5	39.4%	\$402.07	18.7%	
w	1,226	5.6%	28.4	34.8%	\$406.97	19.2%	
w	2,149	8.1%	31.0	33.1%	\$525.17	26.3%	
w	2,973	10.2%	35.1	38.5%	\$648.04	29.3%	
s	4,074	11.7%	36.5	37.1%	\$977.95	37.2%	
s	4,694	12.6%	39.8	38.6%	\$1,100.66	39.1%	
s	4,215	11.9%	37.8	38.5%	\$1,013.29	38.0%	
s	4,150	10.7%	38.8	38.5%	\$1,015.80	34.6%	
w	2,397	7.8%	35.9	37.4%	\$598.56	25.8%	
w	1,456	5.8%	29.3	34.8%	\$438.33	23.0%	
w	1,426	5.2%	32.1	39.4%	\$464.05	22.2%	
<b>Totals</b>		<b>31,511</b>	<b>8.7%</b>	<b>406.0</b>	<b>37.8%</b>	<b>\$8,076.11</b>	<b>28.8%</b>

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29257	01/01/10	31	28,560	77.52	\$2,232.60
29257	02/01/10	28	28,080	67.2	\$2,155.24
29257	03/01/10	31	21,941	81.6	\$2,118.46
29257	04/01/10	30	26,400	93.6	\$1,995.84
29257	05/01/10	31	29,280	91.2	\$2,213.57
29257	06/01/10	30	34,800	98.4	\$2,630.88
29257	07/01/10	31	37,200	103.2	\$2,812.32
29257	08/01/10	31	35,280	98.4	\$2,667.17
29257	09/01/10	30	38,880	100.8	\$2,939.33
29257	10/01/10	31	30,720	96	\$2,322.43
29257	11/01/10	30	25,200	84	\$1,905.12
29257	12/01/10	31	27,600	81.6	\$2,086.56
<b>Totals</b>		<b>365</b>	<b>363,941</b>	<b>1073.52</b>	<b>\$28,079.52</b>

HVAC Only Savings							
Summer	\$0.13265	\$12.00	On-Peak 9				
Winter	\$0.10000	\$10.00	Time Frame 21				
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings	
w	0	0.0%	0.0	0.0%	\$0.00	0.0%	
w	21	0.1%	8.2	12.1%	\$83.69	3.9%	
w	183	0.8%	7.7	9.4%	\$95.02	4.5%	
w	972	3.7%	8.1	8.7%	\$178.21	8.9%	
w	1,850	6.3%	10.8	11.8%	\$293.09	13.2%	
s	2,904	8.3%	11.5	11.7%	\$523.49	19.9%	
s	3,492	9.4%	12.2	11.8%	\$609.94	21.7%	
s	3,042	8.6%	11.7	11.8%	\$543.37	20.4%	
s	2,708	7.0%	11.9	11.8%	\$502.57	17.1%	
w	1,042	3.4%	8.3	8.7%	\$187.31	8.1%	
w	262	1.0%	4.0	4.7%	\$65.72	3.4%	
w	101	0.4%	9.9	12.1%	\$109.13	5.2%	
<b>Totals</b>		<b>16,576</b>	<b>4.6%</b>	<b>104.3</b>	<b>9.7%</b>	<b>\$3,191.54</b>	<b>11.4%</b>

Confidential



Customer: DSW  
 Location: 29257  
 24,643 sf

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29257	01/01/10	31	28,560	77.52	\$2,232.60
29257	02/01/10	28	28,080	67.2	\$2,155.24
29257	03/01/10	31	21,941	81.6	\$2,118.46
29257	04/01/10	30	26,400	93.6	\$1,995.84
29257	05/01/10	31	29,280	91.2	\$2,213.57
29257	06/01/10	30	34,800	98.4	\$2,630.88
29257	07/01/10	31	37,200	103.2	\$2,812.32
29257	08/01/10	31	35,280	98.4	\$2,667.17
29257	09/01/10	30	38,880	100.8	\$2,939.33
29257	10/01/10	31	30,720	96	\$2,322.43
29257	11/01/10	30	25,200	84	\$1,905.12
29257	12/01/10	31	27,600	81.6	\$2,086.56
<b>Totals</b>		<b>365</b>	<b>363,941</b>	<b>1073.52</b>	<b>\$28,079.52</b>

Lighting Only Savings						
Summer	\$0.13265		\$12.00		On-Peak 9	
Winter	\$0.10000		\$10.00		Time Frame 21	
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	1,377	4.8%	34.8	44.8%	\$485.23	21.7%
w	1,353	4.8%	26.5	39.4%	\$399.97	18.6%
w	1,043	4.8%	24.9	30.5%	\$353.37	16.7%
w	1,177	4.5%	26.9	28.7%	\$386.55	19.4%
w	1,122	3.8%	24.4	26.7%	\$356.18	16.1%
s	1,170	3.4%	26.3	26.7%	\$471.08	17.9%
s	1,202	3.2%	27.6	26.7%	\$490.71	17.4%
s	1,173	3.3%	26.3	26.7%	\$471.52	17.7%
s	1,442	3.7%	27.0	26.7%	\$514.86	17.5%
w	1,355	4.4%	27.6	28.7%	\$411.26	17.7%
w	1,194	4.7%	25.6	30.5%	\$375.73	19.7%
w	1,326	4.8%	32.1	39.4%	\$453.99	21.8%
<b>Totals</b>	<b>14,935</b>	<b>4.1%</b>	<b>330.0</b>	<b>30.7%</b>	<b>\$5,170.45</b>	<b>18.4%</b>

**Appendix C DSW -Cash Rebate Calculation**

<b>Measure</b>	<b>Quantity</b>	<b>Commitment Payment/Rebate Rate</b>	<b>Total Cash Rebate</b>
29144 (Springdale Plaza) -EMS	1	50% of incentive that would be offered by the Smart \$aver Custom program	<b>\$1,000.00</b>
29177 (Rookwood Commons) - EMS	1	50% of incentive that would be offered by the Smart \$aver Custom program	<b>\$1,050.00</b>
29257 (Eastgate) - EMS	1	50% of incentive that would be offered by the Smart \$aver Custom program	<b>\$800.00</b>
<b>Total</b>			<b>\$2,850.00</b>

**Appendix D - DSW Inc -UCT Value**

**EMS**

Measure	Total Avoided Cost	Program Cost	Incentive	Quantity	Measure UCT
EMS	\$11,579	0	\$1,000	1	<b>11.58</b>
EMS	\$11,891	0	\$1,050	1	<b>11.32</b>
EMS	\$9,104	\$0	\$800	1	<b>11.38</b>
<b>Totals</b>	<b>\$32,574</b>	<b>\$0</b>	<b>\$2,850</b>	<b>3</b>	

Total Avoided Supply Costs	\$32,574	<i>UCT</i>	<b>11.43</b>
Total Program Costs	\$0		
Total Incentive	\$2,850		

**Smart Saver™**  
**Nonresidential Custom Incentive Application**



Before you complete this application, please note the following important criteria:

- Incentive approval is required PRIOR to equipment purchase, or any other activity which would indicate that the customer has already decided to proceed
- Submitting this application does not guarantee an incentive will be approved
- Incentives are based on electricity conservation only
- Electric demand and/or energy reductions must be well documented with auditable calculations
- Simple payback without incentive must be greater than 1 year
- Incentives are capped at 50% of the incremental project cost, which is the difference between purchasing standard and high-efficiency equipment
- Incentive payments are issued after installation is complete and documentation is submitted
- Incomplete applications will not be reviewed; all fields are required

Refer to the complete list of Instructions and Disclaimers, beginning on page 11.

**Checklist**

(To be submitted with the application) – **All Sections Required**

Item Number	Description	Included
1	Applicant and Customer Information Form (page 2)	<input checked="" type="checkbox"/>
2	List of Sites (pages 3)	<input checked="" type="checkbox"/>
3	Description of Project(s) (pages 4, 5 & 6)	<input checked="" type="checkbox"/>
5	Customer Consent form, signed by Customer (page 7)	<input checked="" type="checkbox"/>
6	Project Questionnaire, signed by Customer (pages 8, 9 & 10)	<input checked="" type="checkbox"/>
	Supporting Documentation, including equipment spec sheets, copies of vendor proposal(s) and energy savings calculations	<input checked="" type="checkbox"/>

There are three ways to submit your completed custom incentive application.

Email your scanned form to: [CustomIncentives@duke-energy.com](mailto:CustomIncentives@duke-energy.com)

Or, fax your form to 980-373-9755

Or, mail to: Custom Incentives  
 Duke Energy  
 P.O. Box 1006 / EC2ZA  
 Charlotte, NC 28078

**Smart Saver™**  
**Nonresidential Custom Incentive Application**



**Applicant and Customer Information Form (Required)**

Customer information is required. Vendor/supplier information is optional.		
	Customer	Vendor/supplier
Contact Name	DAVE CRAWFORD	RAVI THOMAS
Company	DSW INC.	SIEMENS INDUSTRY INC
Address	810 DSW DRIVE	7004 BEE CAVES ROAD, BLDG 2
City, State, Zip	COLUMBUS, OH 43219	AUSTIN, TX 78746
Title	VP, STORE PLANNING	ENERGY EFFICIENCY PROGRAM MANAGER
E-mail Address		ravi.thomas@siemens.com
Phone	614-872-1725	973-801-4851
Fax		
Who is primary point of contact?	--	RAVI THOMAS

Most communication about this application will go to the customer via email, with the vendor/supplier copied on the message.

\* PLEASE ADDRESS ALL REBATE CORRESPONDENCE TO RAVI THOMAS

Payment Information					
Who should receive incentive payment? <input type="checkbox"/> Customer <input checked="" type="checkbox"/> Vendor (Customer must sign below)					
I hereby authorize payment of incentive directly to vendor:					
Customer Signature				Date 06/20/2011	
Payee Legal Company Name (as shown on your income tax return):		SIEMENS INDUSTRY INC.			
Mailing Address		7004 BEE CAVES ROAD, BLDG 2			
City	AUSTIN	State	TX	Zip Code	78746
<input type="checkbox"/> Individual/Sole Proprietor		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Partnership (check one)	
Payee Federal Tax ID # of Legal Company Name Above:		13-2762488			

If an incentive is awarded, when do you plan to start implementation and complete implementation ? INSTALLATION HAS BEEN COMPLETED

Have any of the facilities in this application received a Duke Energy assessment?

- No  
 Yes, the assessment was  on the web,  over the phone or  on-site

**Smart \$aver™  
Nonresidential Custom Incentive Application**



**List of Sites (Required)**

Provide a list of sites addressed by this custom incentive application, or submit in a separate spreadsheet file.

Site ID <sup>1</sup>	Duke Energy Account Number(s) <sup>2</sup>	Facility Address	List of Proposed Projects at each site	Annual Hours of Operation	Gross Square Footage	Conditioned Square Footage	Facility Age (years)
225	12345678 01	Example: 123 Main Street, Anywhere USA 12345	Projects 1, 2 and 3	5,840	42,000	38,000	12
		PLEASE REFER TO THE ATTACHED SPREADSHEET FOR STORE INFORMATION					

<sup>1</sup> Site ID can be a store number, building name or other way to identify the location. If there is only one site involved in this application, then a Site ID is not necessary.  
<sup>2</sup> The account number(s) must match the facility of the proposed project(s). If there are multiple meters at a site, only include the meters that pertain to the project(s).



**Smart Saver™**  
**Nonresidential Custom Incentive Application**



**Project #1**

**Description of Projects (Required)**

For each project, answer the following questions (attach additional pages as necessary)

**Project Name:**

How would you classify this project? (Check all that apply.)

<input type="checkbox"/> Lighting	<input type="checkbox"/> Heating/Cooling	<input type="checkbox"/> Air Compressor	<input checked="" type="checkbox"/> Energy Management System
<input type="checkbox"/> VFD	<input type="checkbox"/> Motors/Pumps	<input type="checkbox"/> Process Equipment	<input type="checkbox"/> Other, describe:

	Baseline	Proposed
	Describe the existing equipment/ system (baseline), how it operates today and any problems or issues <sup>1</sup>	Describe the proposed project, including how the energy reductions will be achieved
<b>Project Description</b>	NO EMS SYSTEMS PRESENT IN STORE.	INSTALLATION OF SITE CONTROLS EMS SYSTEM. PLEASE REFER TO ATTACHED DOCUMENTATION.

**Operating Hours**

Equipment Weekday Operating Hours <sup>2</sup>	Equipment Weekend Operating Hours	Seasonal Load <sup>3</sup>	Describe proposed changes to equipment operating hours
MON-SAT: 10am - 9pm	SONDAY: 11am - 6pm		

PLEASE REFER TO ATTACHED DOCUMENTATION FOR SETPOINTS, SCHEDULES AND CALCULATIONS.

**Electric Energy Savings Calculations** (fill in all information, even if providing documentation)

	Baseline	Proposed	Savings
	Existing equipment/system	Proposed equipment/system	Savings = Baseline minus Proposed
Annual Electric Energy (kilowatt-hours)	1,239,106 kWh	1,126,273 kWh	112,833 kWh
Electric Demand (kilowatts)	3,125 kW	2,356 kW	1,369 kW
Calculations attached to this form	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

**Simple Payback**

Average electric rate (\$/kWh) on the applicable accounts	\$0.077 /kWh <sup>4</sup>
Annual electric savings = rate (\$/kWh) * annual savings (kWh)	\$8,671 annual electric savings
Other annual savings in addition to electric savings	\$1,500 other annual savings
<input checked="" type="checkbox"/> Operations/maintenance, <input type="checkbox"/> Natural gas, <input type="checkbox"/> Other	NATURAL GAS SAVINGS HAVE NOT BEEN CALCULATED
Cost to implement the project (equipment & installation)	\$65,149.53
Copy of vendor proposal is attached (required)	<input checked="" type="checkbox"/> ATTACHED
Simple Payback <sup>5</sup>	6.41 years

<sup>1</sup> If the project does not involve replacing/modifying existing equipment, describe today's standard new equipment/system.  
<sup>2</sup> Operating hours are when the equipment is typically used. If the project is proposed for more than one site, provide any variations in operating hours between the sites.  
<sup>3</sup> For heating or cooling or a seasonal schedule, provide the months in which the equipment is utilized under "Seasonal Load".  
<sup>4</sup> For proposed projects that have demand savings but no electric savings, use \$/kW average demand rate and adjust accordingly.  
<sup>5</sup> Simple payback = implementation cost divided by (annual electric savings)

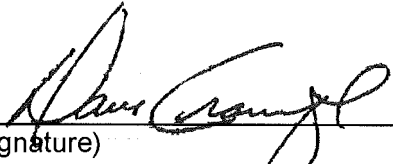
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**CUSTOMER CONSENT  
TO RELEASE OF  
PERSONAL INFORMATION (Required)**

I, INSERT NAME, do hereby consent to Duke Energy disclosing my Duke Energy Account Number and Federal Tax ID Number to its subcontractors solely for the purpose of administering Duke Energy's Smart Saver Program. I understand that such subcontractors are contractually bound to otherwise maintain my Duke Energy Account Number and Federal Tax ID Number in the strictest of confidence.

I realize that under the rules and regulations of the public utilities commission, I may refuse to allow Duke Energy to release the information set forth above. By my signature, I freely give Duke Energy permission to release the information designated above.

→   
(Signature)

Name: DAVE CRAWFORD

Date: 06/20/2011

SINCE THE PROJECTS HAVE BEEN COMPLETED, A LOT OF THE QUESTIONS IN THIS QUESTIONNAIRE ARE NOT APPLICABLE.

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**Project Questionnaire (Required)**

The intent of *Duke Energy's* Smart Saver Nonresidential Custom Incentive Program is to cause the implementation of high efficiency energy saving project that would otherwise not be completed without the program's assistance (whether that be financial, technical, or other). Please take a moment to complete the following statement.

1. Please indicate if the *Duke Energy* incentive is/was a factor in your choice to install the more energy efficient equipment instead of other equipment that may not have saved as much energy.
  - A.  Program assistance/incentive has an influence on our decision, or
  - B.  Program assistance/incentive has no influence at all on our decision
  
2. If the *Duke Energy* incentive was a factor in your decision, please indicate how much of an influence the program incentive/service had on your energy efficient equipment choice. Please check the number that best represents the level of influence the program has on your equipment choice.

The Duke Energy program had no effect on our equipment choice	The Duke Energy program may have had a minor influence on our energy efficient equipment choice.	The Duke Energy program had a positive influence in our selection of the energy efficient equipment	The Duke Energy program was one of the key reasons for the energy efficient equipment choice, but not the most important reason	The Duke Energy program was one of the most important reasons for the energy efficiency equipment choice	The Duke Energy program was the primary reason for the energy efficient equipment choice
0 <input type="checkbox"/>	1 <input type="checkbox"/> 2 <input type="checkbox"/>	3 <input type="checkbox"/> 4 <input type="checkbox"/>	5 <input type="checkbox"/> 6 <input type="checkbox"/>	7 <input type="checkbox"/> 8 <input type="checkbox"/>	9 <input type="checkbox"/> 10 <input type="checkbox"/>

3. Do you think that you would have or will select the same level of energy efficiency if the program information and technical assistance would not have been available to you?
  - A.  No, we would make a different equipment selection or not do the same project
  - B.  Not sure what we would do
  - C.  Yes, we would make exactly the same equipment choice.
  
4. Do you think that you would have or will select the same level of energy efficiency if the program's financial incentives would not have been available to you?
  - A.  No, we would make a different equipment selection or not do the same project
  - B.  Not sure what we would do
  - C.  Yes, we would make exactly the same equipment choice.

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5. Please check each of the boxes below indicating the different ways *Duke Energy* has in some way assisted in your decisions about this specific energy efficiency project. In addition, please indicate how important each of the different types of assistance has been in your decision to choose the energy efficient alternative. Please use a 1-10 scale with 1 meaning *Duke Energy's* program assistance was not very important in your decision, and a 10 meaning this assistance was very important.

			Score (1 to 10 Scale)
<b>Duke Energy has assisted in this way</b>			
Reviewed technology proposals/bids	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Found suppliers or contractors	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Worked with facility energy planning or teams	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Worked with facility engineer	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Helped find/obtain financing	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Conducted Technology or Energy Assessments	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Provided Training	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Engineering Analysis	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	5
Developed Savings Calculations	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Product/Measure Info	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Assistance in finding a vendor or engineering firm	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Assistance in selling project to management	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Verification of calculations	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	8
Reference or case study of the technology or application	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Permitting or code information	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Rate of Billing Information	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Financial Incentive for Project Equipment	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10
Other	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

6. *Duke Energy* understands that energy savings is just one of many potential benefits of a project. Please rate the following benefits as they pertain to the project described above. (0 = not an expected benefit of this project, 5 = major expected benefit of this project)

	0	1	2	3	4	5
Energy cost savings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Maintenance-related savings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Production capacity or product quality improvement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Satisfies a regulatory or code requirement	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. Please describe how and when you (your company) first became aware of how the proposed energy efficiency measures/project could help your company save energy.

THROUGH ENERGY EFFICIENCY TRADE SHOWS FOR THE RETAIL INDUSTRY.

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**Signature (Required)**

I certify that I meet the eligibility requirements of the *Duke Energy* Smart Saver Custom Incentives Program and that all information provided within this application is correct to the best of my knowledge. I agree to the terms and conditions set forth for this program. I certify that the numbers, energy savings, and responses shown on this form are correct. Further, I certify that the taxpayer identification number is current and correct. I am not subject to backup withholding because: (a) I am exempt from backup withholding; or (b) I have not been notified by the IRS that I am subject to backup withholding as a result of a failure to report all interest or dividends; or (c) the IRS has notified me that I am no longer subject to backup withholding. I am a U.S. citizen (includes a U.S. resident alien).

→ \_\_\_\_\_  
Customer Signature

Print Name **DAVE CRAWFORD**

Date **06/20/2011**

# Smart Saver™ Nonresidential Custom Incentive Application



## Program Overview

*Duke Energy's* Smart Saver Nonresidential Custom Incentive Program offers financial assistance to qualifying commercial, industrial and institutional customers<sup>18</sup> to enhance their ability to adopt and install cost-effective electrical energy efficiency projects. The Smart Saver Custom Incentive program is designed to meet the needs of *Duke Energy* customers with electrical energy saving projects involving more complicated or alternative technologies, or those measures not covered by standard Prescriptive Smart Saver Incentives. The intent of the Smart Saver Program is to encourage the implementation of energy efficiency projects that would not otherwise be completed without *Duke Energy's* technical or financial assistance.

Proposed energy efficiency measures may be eligible for Custom Incentives if they clearly reduce electrical consumption and/or demand. In addition to the Smart Saver Program *Duke Energy* also offers partial funding of energy assessments. Please contact your *Duke Energy* Account Manager or the Business Service Center at [BusinessServiceCenter@duke-energy.com](mailto:BusinessServiceCenter@duke-energy.com) for more information.

## Instructions/Terms/Conditions

1. Before starting a custom energy efficiency project, the *Duke Energy* customer must complete and submit this application to *Duke Energy* for approval. Smart Saver Custom Incentives cannot be granted without prior completion of this application, and subsequent approval by *Duke Energy*. Energy service companies or contractors may assist in preparing the application, but an authorized representative of the customer must sign this application to be eligible to participate in the Smart Saver Program. Completion of this application does not guarantee the approval of a Custom Incentive.
2. Do not begin your energy efficiency projects or purchase equipment until you receive written approval in the form of an acceptance letter from *Duke Energy*, or your project is not eligible for an incentive.
3. Once all documentation requested in this application is received by *Duke Energy*, and any follow-up information requested by *Duke Energy* is received, the Preliminary Incentive Amount for each Energy Conservation Measure (ECM) will be communicated to the customer. The Preliminary Incentive Amount will be based on the projected energy savings and ECM incremental installation cost.
4. With the application, the customer must provide a list of all sites where the ECMs will be installed. *Duke Energy* requests that sites of similar size, hours of operation and energy consuming characteristics be grouped together in one application for the determination of the incentive amount. The application should identify the site where each unique ECM will be initially installed. *Duke Energy* will conduct a pre-site inspection and install any metering and monitoring that may be required to determine the Approved Incentive Amount for each unique ECM. A post-installation site inspection will be conducted after each unique ECM installation.
5. Based on the information submitted with the application and the information gathered both before and after the initial installation of the ECM, *Duke Energy* will calculate the Approved Incentive Amount for each ECM. *Duke Energy* will provide an updated copy of the Smart Saver Preapproved Incentives form with the Approved Incentive Amount within five business days of gathering the information needed from the post-installation site inspection.
6. *Duke Energy* will conduct random site inspections of a sample of the locations where the ECMs are installed both prior to and after installation to verify installation and operability of the ECMs and to obtain information needed to calculate the Approved Incentive Amount.

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<sup>18</sup> Customers who opt out of the Energy Efficiency Rider are not eligible for Custom Incentives.

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7. The attached Payment Request Form must be submitted to *Duke Energy* within 60 days of completion of the projects associated with this application. Copies of equipment invoices must be submitted to *Duke Energy* with the attached Smart Saver Custom Incentive Payment Request form.
8. *Duke Energy* will issue a Custom Incentive check, based on the Approved Incentive Amount for each ECM, upon receiving the attached Smart Saver Incentive Payment Request form from the customer. Approved Incentive Amounts may be adjusted if the project varies from the information originally submitted by the customer.
9. Customers are encouraged to retain copies of all forms, invoices and supporting documentation for their records.
10. Approved Incentive Amounts are valid for 6 months from the date communicated to the customer by *Duke Energy*. *Duke Energy* retains the right to adjust the Approved Incentive Amount before the end of the six months due to regulatory requirements; measurement, verification and evaluation results; or any valid unforeseen reason.
11. If the Incentive Amount needs to be adjusted for an ECM, *Duke Energy* will notify the customer of the adjustment as soon as possible. The Approved Incentive Amount, prior to the adjustment, will be valid for projects completed within 60 days of the date that *Duke Energy* notifies the customer of the adjusted Approved Incentive Amount.
12. *Duke Energy* reserves the right to recover all unrecoverable costs associated with the project approval if the customer decides not to complete the project, after the project is approved by *Duke Energy*.
13. Projects financially supported by other funding sources will be evaluated on a case-by-case basis for potential partial funding from *Duke Energy*.
14. Participants must be *Duke Energy* nonresidential customers with the project sites in the *Duke Energy* service territory.
15. Customers or trade allies may not use either the *Duke Energy* or the Smart Saver Program name or logo without prior written permission.
16. Only trade allies registered with *Duke Energy* are eligible to participate.
17. All equipment must be new. Used or rebuilt equipment is not eligible for incentives. All old existing equipment must be removed on retrofit projects.
18. Disclaimers: *Duke Energy*
  - a. does not endorse any particular manufacturer, product or system design within the program;
  - b. will not be responsible for any tax liability imposed on the customer as a result of the payment of incentives;
  - c. does not expressly or implicitly warrant the performance of installed equipment. (Contact your contractor for details regarding equipment warranties.);
  - d. is not responsible for the proper disposal/recycling of any waste generated or obsolete or old equipment as a result of this project;
  - e. is not liable for any damage caused by the installation of the equipment nor for any damage caused by the malfunction of the installed equipment; and
  - f. reserves the right to change or discontinue this program at any time. The acceptance of program applications is determined solely by *Duke Energy*



## Small Commercial HVAC and Lighting Energy Management System

Project Name: Big Lots Stores -  
Site-Controls EMS Installations

ESCO Name: Site-Controls LLC.  
Ravi Thomas  
(C) 973-801-4851  
ravi.thomas@suregrid.com

Project Customer: Big Lots  
Attn: Jeff Dummermuth  
300 Phillipi Road  
Columbus, OH 43228-5311  
[jdummerm@biglots.com](mailto:jdummerm@biglots.com)  
614-278-6946

Project Description: The installation of an Energy Management System to control HVAC and Lighting.

Date: March 24th 2010



## Table of Contents

Small Commercial HVAC and Lighting Energy Management System .....	1
Site-Controls Remote Energy and Asset Management System .....	3
1.0 Project Summary.....	3
2.0 Product Description .....	3
3.0 Existing and Post Install Scheduling.....	4
4.0 Example .....	5
5.0 Control Points .....	6
5.1 Variables .....	6
5.2 Impacts of the Measure .....	7
6.0 Example Equipment Cost .....	7
Attachment 2: VERIS Watt Transducer .....	9

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# Site-Controls Remote Energy and Asset Management System

## 1.0 Project Summary

Site Controls, Inc. (SCL) and BIG LOTS propose the installation of a Site-Controls Remote Energy & Asset Management (SCREAM) automated control system to manage energy usage in 5 BIG LOTS stores in NVE territory. See [Attachment 1: Big Lots EMS Install Locations](#) for detailed store information.

The SCREAM system will control HVAC run times, set-points, heating/cooling stages, and duty cycling in addition to interior and exterior lighting according to time of day scheduling. The SCREAM package includes the installation of a VERIS Watt Transducer (see [Attachment 2: VERIS Watt Transducer](#)) and logging software to measure and record kWh and kW consumption on a whole building approach. Previous installations have proven a kWh reduction of up to 25% and a kW reduction of up to 10% of baseline conditions.

## 2.0 Product Description

SCL manufactures and integrates an Energy Management System with proprietary software and input/output relays to intelligently control HVAC and Lighting. The SCREAM is an automated control system that uses sensors and I/O modules to control run times and set points resulting in continuous demand management of HVAC and lighting systems. Set points and run times will be determined based on the local operating environment to insure that kW consumption is kept to the minimum required for maintaining customer comfort with efficient and safe store operation. The daily operation of the SCREAM will allow for an ongoing kW demand reduction below baseline conditions by staggering HVAC compressor start-up and controlling staged heating/cooling cycles. In addition the system is capable of providing active demand limiting by monitoring kW use from the Watt Transducer to identify when a pre-determined amount is exceeded, therefore cycling off non-essential lighting and expanding HVAC set-points. The system also includes CO2 level inputs allowing for Demand Control Ventilation as a means of reducing kW consumption. During those times when further peak demand reductions are required, the unit is programmed to deliver an instruction set that implements additional strategies to achieve further reductions. The program can be initiated by remotely delivering instructions via the internet through an outside connection to shift to the emergency peak reduction program. The connectivity also allows the system owner to communicate to the SCREAM to monitor site conditions, troubleshoot, and ensure the controls are functioning as programmed.

---

The SCREAM consists of a control box that interfaces with digital thermostats, temperature and humidity sensors, and electrical relays to control lighting and HVAC equipment in multi-zone or single-zone commercial buildings. Some features include:

- The main controller hardware is an industrial grade x86 embedded PC.
- It supports communication via Ethernet socket (TCP/IP) or serial modem (PPP).
- It contains solid-state hard disks with power fail detection to ensure reliable data storage, protection of operations during power fail, and ease of application upgrade
- System is designed around a distributed RS485 Bus to interconnect the monitoring and control points (thermostats, sensors, refrigeration, and HVAC units).
- Controls multiple air conditioning units for fan, cooling, heat, and economizer.
- Functionality includes alarm outputs for many variables such as mechanical failure, Hi/Lo Temperature, Humidity, Fire/Smoke, Toxic and Combustible Gases, High Water, and more. Alarms sent via TCP/IP, RS232 or contact closures.
- Versatile programming enables custom configurations to meet specific applications.

The SCREAM uses temperature, CO<sub>2</sub>, and photo sensor inputs to continually assess and calculate the HVAC and Lighting requirements. The central processing unit monitors on site energy use and allocates energy to the necessary control points while eliminating energy waste caused by excessive cooling, heating, or lighting. Given that the largest energy expense for buildings is lighting and HVAC, eliminating waste from these areas has a direct reduction on the building's overall energy consumption. Previous installations show both a permanent reduction in the kWh consumed and kW demand.

The SCREAM controller operates independently of outside control according to configured rule set. It provides environment control as well as dynamic load control based on individual site conditions or aggregated group data provided by the SCL datacenter. Remote access to the SCREAM controller is provided via a standard web browser from any computer with access to the network. The remote access to the control unit allows identification of any necessary unscheduled maintenance, and peak demand curtailment instructions. The SCREAM is designed to provide a direct link between the electricity consumer and electricity producer enabling real time demand side management.

### 3.0 Existing and Post Install Scheduling

Currently the BIG LOTS personnel are responsible for operating the store lighting and the heating/cooling set-points throughout the store. There are no setback parameters for the HVAC units after hours.

---

The existing operating conditions for BIG LOTS stores nationwide are:

- Heating and Cooling run times for HVAC units are determined by the set-points as controlled by the store managers. The average set-points are 72° for cooling and 69° for heating. Since there are no night setback temperatures the units are cooling/heating 24x7.
- The sales floor, office and employee area lights are controlled by store personnel and on average the full load is turned on at 08:00 and turned off at 23:00 Monday-Sunday. The exact hours of operation vary by store.
- Some of the stores have timer clocks to control exterior lights and the store sign. The settings on these clocks vary by store but typically turn on at store opening and off at closing.

Post installation the HVAC and Lighting circuits will be split into zones and labels Customer and Employee. The Employee Lighting and HVAC will operate independently from the Customer zones according to the programmed Time of Day perimeters. The HVAC set points will be restricted to 75° for cooling and 67° for heating. The night setback temperatures will be 84° and 60° respectively. The exterior lights will be operated on a photocell.

Lighting and HVAC run time example:

<b>Original Usage Hours:</b>			<b>Controlled Store Hours:</b>		
	<b>112</b>	<b>hrs/week</b>	<b>Customer</b>	<b>81</b>	<b>hrs/week</b>
	<b>16</b>	<b>hrs/day</b>		<b>11.5</b>	<b>hrs/day</b>
Mon-Fri	7:00 AM	11:00 PM	Mon-Fri	9:00 AM	9:00 PM
Sat.	7:00 AM	11:00 PM	Sat.	9:00 AM	9:00 PM
Sun.	9:00 AM	9:00 PM	Sun.	10:00 PM	7:00 PM
			<b>Employee</b>	<b>112</b>	<b>hrs/week</b>
				<b>16</b>	<b>hrs/day</b>
			Mon-Fri	7:00 AM	11:00 PM
			Sat.	7:00 AM	11:00 PM
			Sun.	9:00 AM	9:00 PM

Additional energy savings strategies also include:

- Intelligent Demand Controls Ventilation that cycles Fans to AUTO and closes outside air dampers when CO2 levels are below the threshold.
- Limited override windows for HVAC (2 degrees for 30 minutes) and lighting (1 hour)
- Outside air temperature setpoint adjustments that modifies the Cooling and Heating setpoints bases on the outside air temperature.

#### 4.0 Example

The central processor is tied into an Input-Output relay panel that is wired to the existing lighting circuits at the BIG LOTS store. The existing thermostats are replaced by intelligent digital thermostats to control the RTUs and connected via communications cable to the central processor. There are zone and supply sensors installed to ensure

mechanical system functionality. During the installation process Site-Controls designate portions of the HVAC system and lighting circuits as an Employee zone, a Sales Zone, a storage zone and an Exterior Zone. To reduce daily kWh consumption, the system is programmed to control the zones separately depending on the time of the day. Therefore, the lights and HVAC units designated as the Customer zone will not operate outside the time of day specified as Customer operating hours. The SCREAM reduces peak demand by ensuring that the two stage HVAC units do not operate both stages at the same time. The heating and cooling set points are centrally controlled to eliminate excess electricity use.

## 5.0 Control Points

Site-Controls has not performed an equipment survey for the 8 stores on this application. The table below details the type of control points installed at a typical 18,000 ft<sup>2</sup> BIG LOTS store.

HVAC Equipment					kW	EER
Unit 1:	Carrier 48TJED14521AA			14.3	9.5	
Unit 2:	Carrier 48TJED14521AA			14.3	9.5	
Unit 3:	Carrier 48TJD02055OQA			21.8	8.7	
Unit 4:	Carrier 48TJD02055OQA			21.8	8.7	
Unit 5:	Carrier 48TJF012511AA			11.3	10.1	
					<u>94.8</u>	
Lighting						
	Sylvania	Lamps	Bulb	Units	Input	Total
	Model				Watts	Watts
	FO32	4	T-8	250	128	32,000
	FO32	3	T-8	60	96	5,760
	FO32	2	T-8	10	64	640
						38,400 watts
						38.4 kW
Exterior Sign						
	Neon Sign				4500	Watts
					4.5	kW

### 5.1 Variables

The interior environment of a furniture retail (such as BIG LOTS) stores is impacted by the number of customers, time of day and the exterior temperatures. The heating and cooling load is also dependent upon the number of customers on the sales floor. There are a number of electricity loads that will not be connected to the Energy Management System such as cash registers, office computers, and some display lighting.

## 5.2 Impacts of the Measure

The SCREAM controller is powered with a 24v DC connection and draws less than 1 AMP. The kWh consumption and the kW impact of installing this equipment are negligible. The complete Energy Management System including the CPU, DC power supply, IO transformer, lighting transformer, relays, lighting contactor coils and phase loss monitor draws no more than 150 watts.

## 6.0 Example Equipment Cost

DESCRIPTION	QTY	Unit Price	Typical Price
Energy Management System			
HVAC Retrofit Package (up to 4 HVACs)	1	\$9,050.00	\$9,050.00
Lighting Retrofit Package (up to 24 circuits)	1	\$2,600.00	\$2,600.00
Networked Energy Meter	1	\$1,175.00	\$1,175.00
Outside Air Temp and Light Sensors	1	\$200.00	\$200.00
Interface and Software			\$450.00
			<b>\$13,475.00</b>
<b>Total Materials</b>			<b>\$13,475.00</b>
<b>Commissioning/Installation</b>			<b>\$3,000.00</b>
<b>Subtotal</b>			<b>\$16,475.00</b>
<b>Shipping/Handling</b>			<b>\$250.00</b>
<b>Total EMS, Installation, and Commissioning</b>			<b>\$16,725.00</b>

Actual install costs may differ

**Attachment 1: BIG LOTS EMS Install Locations**

Please refer to the spreadsheet sent with the application.



## Attachment 2: VERIS Watt Transducer



VERIS Watt  
Transducer







**SITE SUMMARY**

Type Of Installation: Retrofit

Client:	DSW
Site Number:	29144
Unique Site Name:	
Address:	489 E Kemper Rd
City/State/Zip:	Springdale Oh 45246
Phone:	513-671-4390
IP Address:	10.232.170.226
Square Footage:	28,400 sq ft
EMS2 Breaker:	LA-36

Commissioner:	Larry Sant
Phone:	502-664-1251
Install Company:	Larry Sant
Phone:	502-664-1251
Commission Date:	9/29/2010
FedEx Tracking:	450943315039215
Return Confirmation #:	PRP316702721

Manager On Duty:	Mike
Training Complete:	X
Safe Shutdown:	X

Man Lift Used:		Cell Modem Onsite:	
Days Used:		Additional Hours:	

AUTOMATED SITE SUMMARY	
Device Installed:	Count:
Energy Meter(s):	1
Digital Zone Controller(s):	7
New TSTAT Wire(s) Pulled:	0
Isolation Relay Board(s):	0
24V Multitap(s):	0
CTI Board(s):	0
Zone Temp Sensor(s):	0
Twist Timer(s):	0
Duct Temp Sensor(s):	7
CO2 Sensor(s):	1
Outside Air Sensor:	1
Outside Light Sensor:	1
IO Module(s):	1
New Contactor(s):	7
New Relay(s):	5
New Can(s):	0
New Monitored LCP(s):	1
Fan Control Panel(s):	0
Remote Override(s):	0

Business Hours		
SUN	11:00	18:00
MON	10:00	21:00
TUE	10:00	21:00
WED	10:00	21:00
THU	10:00	21:00
FRI	10:00	21:00
SAT	10:00	21:00

Employee Hours		
SUN	10:00	19:00
MON	8:00	22:00
TUE	9:00	22:00
WED	9:00	22:00
THU	8:00	22:00
FRI	7:00	22:00
SAT	9:00	22:00

Other Hours		
SUN	-	-
MON	-	-
TUE	-	-
WED	-	-
THU	-	-
FRI	-	-
SAT	-	-

Site Notes

CONFIDENTIAL



**SITE SUMMARY**

Type Of Installation: Retrofit

Client: DSW  
 Site Number: 29257  
 Unique Site Name:  
 Address: 650 East Gate South Drive  
 City/State/Zip: Cincinnati Oh 45245  
 Phone: 513-752-7200  
 IP Address: 10.233.140.226  
 Square Footage: 24,643 sq ft  
 EMS2 Breaker: LG-31

Commissioner: Larry Sant  
 Phone: 502-664-1251  
 Install Company: Larry Sant  
 Phone: 502-664-1251  
 Commission Date: 9/27/2010  
 FedEx Tracking: 450943315038171  
 Return Confirmation #: PRP1579602701

Manager On Duty: Debbie  
 Training Complete:   
 Safe Shutdown:

Man Lift Used:  Cell Modem Onsite:   
 Days Used:  Additional Hours:

AUTOMATED SITE SUMMARY	
Device Installed:	Count:
Energy Meter(s):	1
Digital Zone Controller(s):	9
New TSTAT Wire(s) Pulled:	0
Isolation Relay Board(s):	0
24V Multitap(s):	0
CTI Board(s):	0
Zone Temp Sensor(s):	0
Twist Timer(s):	0
Duct Temp Sensor(s):	9
CO2 Sensor(s):	1
Outside Air Sensor:	1
Outside Light Sensor:	1
IO Module(s):	1
New Contactor(s):	6
New Relay(s):	5
New Can(s):	0
New Monitored LCP(s):	1
Fan Control Panel(s):	0
Remote Override(s):	0

Business Hours			
SUN	11:00	-	18:00
MON	10:00	-	21:00
TUE	10:00	-	21:00
WED	10:00	-	21:00
THU	10:00	-	21:00
FRI	10:00	-	21:00
SAT	10:00	-	21:00

Employee Hours			
SUN	9:30	-	19:30
MON	8:30	-	22:30
TUE	8:30	-	22:30
WED	8:30	-	22:30
THU	8:30	-	22:30
FRI	8:30	-	22:30
SAT	8:30	-	22:30

Other Hours			
SUN		-	
MON		-	
TUE		-	
WED		-	
THU		-	
FRI		-	
SAT		-	

Site Notes

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HVAC INFORMATION

Client: DSW

Site Number: 29177

Installed	DZC				Unit Type/Number/Area Served	Manufacturer	Model Number	Serial	Year	HVAC Details													Performance										
	Wire Pull	Address	Version	DZC-IR						E-FAN ON	ZTS	TWIST	DTS	CO2	IRB	MULTITAP	CTI	OCC	ECON	GAS	ELEC	HP	C1 COOL	C2	H2	HRU	DEHUMID	ZONE TEMP		COOL SUPPLY		HEAT SUPPLY	
																												EMS	IR	EMS	IR	EMS	IR
X	1	9			RTU1 2nd FL Sales RR	CARRIER	48TJD012-53265	1900G30572	2000						X	X			X						73.0	74.3	55.9	52.4	91.0	89.3			
X	2	9			RTU2 2nd FL Break	CARRIER	48TFE004-S11DA	5101G40186	2000						X	X			X						79.5	78.2	59.2	55.9	99.5	101.3			
X	3	9			RTU3 2nd FL Sales CT	CARRIER	48TJD012-53265	1900G30578	2000						X	X			X						75.6	74.3	59.9	58.3	90.7	92.4			
X	4	9			RTU4 2nd FL Sales FT	CARRIER	48TJD012-53265	1900G30574	2000						X	X			X						72.9	74.3	73.6	74.6	74.5	75.2			
X	5	9			RTU5 2nd FL Stock	CARRIER	48TFE006-S11DA	5101G10243	2000						X	X			X						72.7	73.5	44.8	45.8	91.8	90.1			
X	6	9			RTU6 Sales RTFT/Stock	CARRIER	48TJD016-581QA	4201F17500	2000						X	X			X						73.8	73.1	54.5	53.2	92.3	95.7			
X	7	9			RTU7 Sales RTCT/Stock	CARRIER	48TJD016-581QA	4201F17506	2000						X	X			X						74.1	75.4	55.4	53.2	97.3	100.2			
X	8	9			RTU8 Sales RTRR	CARRIER	48TJD016-581QA	4201F17501	2000						X	X			X						74.1	75.1	53.1	55.8	92.5	94.3			
X	9	9			RTU9 Sales CTFT	LENNOX	LGA088H	5600D00819	2000						X	X			X						74.7	74.3	59.4	58.4	90.7	92.9			
X	10	9			RTU10 Sales LTFT	LENNOX	LGA088H	5600D00818	2000						X	X			X						73.0	73.9	66.6	64.3	91.2	93.2			
X	11	9			RTU11 Sales LTCTFT	LENNOX	LGA120H	5600D00334	2000						X	X			X						74.3	75.3	58.6	58.2	90.9	94.4			
X	12	9			RTU12 Sales LTCTRR	LENNOX	LGA120H	5600D00333	2000						X	X			X						73.6	72.5	51.6	55.3	93.0	91.2			
X	13	9			RTU13 Sales LTRR	LENNOX	LGA036H	5600D00473	2000						X	X			X						73.9	73.3	70.0	72.3	91.0	93.0			

Mechanical Issues or Pre-Existing Conditions/Exhaust Fan Interlocking/Other HVAC Information/General Notes.

RTU1 breaker turned off before arrival onsite. Turned back off after performing testing.  
 RTU4 does not heat or cool properly. Found RTU breaker to be turned off before arrival onsite. Turned back off after performing testing.  
 RTU13 does not cool properly. Verified voltages at RTU terminals.

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Customer: Job DSW:29144-OH Class Account 1100 - Accounts Receivable Template SCLLC Print Preview

**Invoice**

Bill To  
 DSW Inc.  
 810 DSW Drive  
 Columbus, OH 43219



Date 09/27/2010 Invoice # SCL13610

Ship To  
 DSW Inc #29144  
 Springdale Plaza  
 Springdale, OH 45246

Quote No.	P.O. No.	Terms	Due Date	Service Date
	DC-100261	Net 30	10/27/2010	

Item	Description	Qty	Rate	Amount	Tax
<b>EMS EQUIPMENT</b>					
EMS-EQ:Controller	SITE-COMMAN Controller	1	2,550.00	2,550.00	Tax
EMS-EQ:SLP/PIP/LCP	SITE-COMMAND Power Interface Panel (PIP)	1	260.00	260.00	Tax
EMS-EQ:HVAC RTU Kit	SITE-COMMAND HVAC RTU Kit	7	895.00	6,265.00	Tax
EMS-EQ:OSA/OSL Sensor	Outside Air and Light Sensor (Installed)	1	425.00	425.00	Tax
EMS-EQ:Lighting Control	SITE-COMMAND Lighting Control Interface Panel	1	1,750.00	1,750.00	Tax
EMS-EQ:Wire	Wire - Low Voltage	1	375.00	375.00	Tax
EMS-EQ:Energy Meter	SITE-COMMAND Power Meter Kit	1	995.00	995.00	Tax
EMS-EQ:Energy Manager	SITE-COMMAND Energy Manager	1	1,275.00	1,275.00	Tax
<b>EMS INSTALLATION</b>					
EMS-Install:Install-Controller	Installation-SITE-COMMAND Controller	1	225.00	225.00	Tax
EMS-Install:Install-Lighting Control	Installation-SITE-COMMAND Lighting Control Interface Panel	1	450.00	450.00	Tax
EMS-Install:Install-HVAC RTU	Installation-SITE COMMAND HVAC RTU Kit	7	125.00	875.00	Tax
EMS-Install:Install-wire	Wiring, all LV and dedicated power circuits, (typical 1 story)	1	350.00	350.00	Tax
EMS-Install:Install-Energy Meter	Installation-SITE COMMAND Power Meter Kit	1	300.00	300.00	Tax
EMS-Install:Install-Commissioning	Installation-On Site Commissioning and Cutover	1	1,300.00	1,300.00	Tax
<b>OPTIONAL EQUIPMENT AND SERVICES</b>					
EMS-EQ:Lighting Circuits	Additional Lighting Circuits	3	295.00	885.00	Tax
EMS-Install:Misc Install/Labor	Miscellaneous Labor & Repair Services	1	336.00	336.00	Tax
Discount-Utility Incentive	Credit for assignment of Utility incentives		-2,500.00	-2,500.00	Tax
Freight	Shipping & Handling	1	90.00	90.00	Non

Customer Message	Tax OH - Hamilto... (6.5%)	1,047.54
	<b>Total</b>	<b>17,253.54</b>

- To be printed
- To be e-mailed
- Allow online payment [Learn more](#)

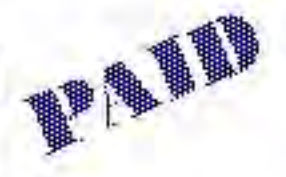
Payments Applied 17,253.54  
 Customer Tax Code Tax Balance Due 0.00  
 Memo DSW # 29144 Springdale, OH Install



Customer: Job **DSW:29177-OH** Class **1100 - Accounts Receivable** Template **SCLLC** Print Preview

**Invoice**

Bill To  
 DSW Inc.  
 810 DSW Drive  
 Columbus, OH 43219



Date **09/27/2010** Invoice # **SCL13612**

Ship To  
 DSW Inc #29177  
 Rookwood Commons  
 Cincinnati, OH 45209

Quote No.	P.O. No.	Terms	Due Date	Service Date
	DC-100261	Net 30	10/27/2010	

Item	Description	Qty	Rate	Amount	Tax
<b>EMS EQUIPMENT</b>					
EMS-EQ:Controller	SITE-COMMAN Controller	1	2,550.00	2,550.00	Tax
EMS-EQ:SLP/PIP/LCP	SITE-COMMAND Power Interface Panel (PIP)	1	260.00	260.00	Tax
EMS-EQ:HVAC RTU Kit	SITE-COMMAND HVAC RTU Kit	13	895.00	11,635.00	Tax
EMS-EQ:OSA/OSL Sensor	Outside Air and Light Sensor (Installed)	1	425.00	425.00	Tax
EMS-EQ:Lighting Control	SITE-COMMAND Lighting Control Interface Panel	1	1,750.00	1,750.00	Tax
EMS-EQ:Wire	Wire - Low Voltage	1	375.00	375.00	Tax
EMS-EQ:Energy Meter	SITE-COMMAND Power Meter Kit	2	995.00	1,990.00	Tax
EMS-EQ:Energy Manager	SITE-COMMAND Energy Manager	1	1,275.00	1,275.00	Tax
<b>EMS INSTALLATION</b>					
EMS-Install:Install-Controller	Installation-SITE-COMMAND Controller	1	225.00	225.00	Tax
EMS-Install:Install-Lighting Control	Installation-SITE-COMMAND Lighting Control Interface Panel	1	450.00	450.00	Tax
EMS-Install:Install-HVAC RTU	Installation-SITE COMMAND HVAC RTU Kit	13	125.00	1,625.00	Tax
EMS-Install:Install-wire	Wiring, all LV and dedicated power circuits, (typical 1 story)	1	350.00	350.00	Tax
EMS-Install:Install-Energy Meter	Installation-SITE COMMAND Power Meter Kit	2	300.00	600.00	Tax
EMS-Install:Install-Commissioning	Installation-On Site Commissioning and Cutover	1	1,300.00	1,300.00	Tax
<b>OPTIONAL EQUIPMENT AND SERVICES</b>					
EMS-EQ:Lighting Circuits	Additional Lighting Circuits	10	295.00	2,950.00	Tax
EMS-Install:On-site Const Remote Lighting	On-site construction and installation of remote lighting control sub panels	2	475.00	950.00	Tax
EMS-Install:Misc Install/Labor	Miscellaneous Labor & Repair Services	1	432.00	432.00	Tax
Discount-Utility Incentive	Credit for assignment of Utility incentives		-2,500.00	-2,500.00	Tax

Customer Message	Tax OH - Hamilto... (6.5%)	1,731.73
	<b>Total</b>	<b>28,438.73</b>

To be printed  
 To be e-mailed  
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Payments Applied 28,438.73  
 Customer Tax Code Tax Balance Due 0.00  
 Memo DSW # 29177 Cincinnati, OH Install



**Invoice**

Bill To

DSW Inc.  
810 DSW Drive  
Columbus, OH 43219

Date: 09/27/2010 Invoice #: SCL13575

Ship To: DSW Inc #29257  
Eastgate Pavilion  
Cincinnati, OH 45245

**PAID**

Quote No.	P.O. No.	Terms	Due Date	Service Date
	DC-100261	Net 30	10/27/2010	

Item	Description	Qty	Rate	Amount	Tax
<b>EMS EQUIPMENT</b>					
EMS-EQ:Controller	SITE-COMMAN Controller	1	2,550.00	2,550.00	Tax
EMS-EQ:SLP/PIP/LCP	SITE-COMMAND Power Interface Panel (PIP)	1	260.00	260.00	Tax
EMS-EQ:HVAC RTU Kit	SITE-COMMAND HVAC RTU Kit	9	895.00	8,055.00	Tax
EMS-EQ:OSA/OSL Sensor	Outside Air and Light Sensor (Installed)	1	425.00	425.00	Tax
EMS-EQ:Lighting Control	SITE-COMMAND Lighting Control Interface Panel	1	1,750.00	1,750.00	Tax
EMS-EQ:Wire	Wire - Low Voltage	1	375.00	375.00	Tax
EMS-EQ:Energy Meter	SITE-COMMAND Power Meter Kit	1	995.00	995.00	Tax
EMS-EQ:Energy Manager	SITE-COMMAND Energy Manager	1	1,275.00	1,275.00	Tax
<b>EMS INSTALLATION</b>					
EMS-Install:Install-Controller	Installation-SITE-COMMAND Controller	1	225.00	225.00	Tax
EMS-Install:Install-Lighting Control	Installation-SITE-COMMAND Lighting Control Interface Panel	1	450.00	450.00	Tax
EMS-Install:Install-HVAC RTU	Installation-SITE COMMAND HVAC RTU Kit	9	125.00	1,125.00	Tax
EMS-Install:Install-wire	Wiring, all LV and dedicated power circuits, (typical 1 story)	1	350.00	350.00	Tax
EMS-Install:Install-Energy Meter	Installation-SITE COMMAND Power Meter Kit	1	300.00	300.00	Tax
EMS-Install:Install-Commissioning	Installation-On Site Commissioning and Cutover	1	1,300.00	1,300.00	Tax
<b>OPTIONAL EQUIPMENT AND SERVICES</b>					
EMS-EQ:Lighting Circuits	Additional Lighting Circuits	3	295.00	885.00	Tax
EMS-Install:Misc Install/Labor	Miscellaneous Labor & Repair Services	1	384.00	384.00	Tax
Discount-Utility Incentive	Credit for assignment of Utility incentives		-2,500.00	-2,500.00	Tax
Freight	Shipping & Handling	1	70.00	70.00	Non

Customer Message	Tax OH - Clermo... (6.5%) 1,183.26
	<b>Total 19,457.26</b>

To be printed  
 To be e-mailed  
 Allow online payment [Learn more](#)

Add Time/Costs...  
 Apply Credits...

Memo DSW # 29257 Cincinnati, OH Install

Payments Applied: 19,457.26  
 Balance Due: 0.00

Customer Tax Code: Tax

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**GENERAL DATA**

Customer: <b>DSW</b>	Facility Type <b>Large Box Retail</b>
Location: <b>489 East Kemper Rd, Springdale, OH 45246</b>	Cooling Balance Point
Location Name: <b>29144</b>	Default 25°F <input checked="" type="radio"/>
Gross Sqft: <b>28,400 sf</b>	User Defined 20°F <input type="radio"/>
Use Default % Areas <b>Y</b>	



**INDIVIDUAL HVAC DATA**

	HVAC Equipment	Ton	cfm	Fan Hp	kw/Ton	Heating Output	Gas Eff (%)	Heat Pump COP	Heat Pump - Elec	Motor Eff	Zone
1	RTU-1	12.5	4,250	5.0	1.30	180,000	80.0%			89.5%	Retail Sales Space
2	RTU-2	12.5	4,250	5.0	1.30	180,000	80.0%			89.5%	Retail Sales Space
3	RTU-3	12.5	4,250	5.0	1.30	180,000	80.0%			89.5%	Retail Sales Space
4	RTU-4	12.5	4,250	5.0	1.30	180,000	80.0%			89.5%	Retail Sales Space
5	RTU-5	12.5	4,250	5.0	1.30	180,000	80.0%			89.5%	Retail Sales Space
6	RTU-6	12.5	4,250	5.0	1.30	180,000	80.0%			89.5%	Retail Sales Space
7	RTU-7	4.5	1,600	1.5	0.92	105,000	80.0%			86.5%	Conditioned Storage
8		3.0	1,250	1.0	0.92	105,000	80.0%			85.5%	Office/Employee Space
9											
10											
11											
12											
13											
14											
15											
	Totals	82.5 Tons	28,350	32.5	104.4 kW						
		344 sf/Ton			3.68 W/sf						

**HEATING EQUIPMENT**

	Zone	Tons per Zone	Furnace Type	Heating Output	Gas Eff (%)	Heat Pump COP	Heat Pump - Elec	% of Capacity
1	Retail Sales Space	75.0	Natural Gas	1,080,000	80.0%			80.0%
2	Office/Employee Space	3.0	Natural Gas	105,000	80.0%			80.0%
3	Conditioned Storage	4.5	Natural Gas	105,000	80.0%			80.0%
		82.5 Tons			Only if Nat. Gas	Only if HP	Only if HP	% Actual Load to Capacity

**SUPPLY FAN DATA**

	Zone	Zone Fan Hp	Fan % Load	cfm	Motor Eff	Min Air Flow	SqFt (default)	SqFt (Actual)
1	Retail Sales Space	30.0	75.0%	25,500	89.5%		24,083	
2	Office/Employee Space	1.0	75.0%	1,250	85.5%		596	
3	Conditioned Storage	1.5	75.0%	1,600	86.5%		3,720	
		32.5		28,350		only if Variable	28,399	0

**SYSTEM CONTROLS**

Cooling OFF @ OSA Temp (°F)	60.0°F
Heating ON @ OSA Temp (°F)	60.0°F

**LIGHTING EQUIPMENT**

	Lighting	Model	Watts/Fix	Watts/sf	Fixture Count	kW	Zone	Fixture Count using default
1	T8 2 Lamp Fixtures	Sylvania F48	60	2.00		48.17	Retail Sales Space	803
2	T8 2 Lamp Fixtures	Sylvania F48	60	0.60		2.23	Conditioned Storage	37
3	T8 2 Lamp Fixtures	Sylvania F48	60	1.30		0.78	Office/Employee Space	13
4	Incandescent		60	0.20	1	0.06	Exterior	95
5								
6								

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Note: Watts/sf are eQuest Defaults, kW will use (W/sf x % Zone Area) or (W/Fix x Fix # if quantities are Available)

1	51.23	1.80 W/sf -Average	948
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Customer: DSW  
 Location: 29144  
 28,400 sf

Use Prorated Savings		kWh	Yes	kW	Yes
<b>Existing Energy Use</b>					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29144	01/01/10	31	35,480	74.40	\$ 3,875.09
29144	02/01/10	28	30,847	149.90	\$ 2,348.69
29144	03/01/10	31	29,907	78.20	\$ 2,277.12
29144	04/01/10	30	32,623	94.20	\$ 2,483.91
29144	05/01/10	31	37,221	103.80	\$ 2,834.00
29144	06/01/10	30	38,905	118.10	\$ 2,962.23
29144	07/01/10	31	40,875	121.80	\$ 3,112.23
29144	08/01/10	31	45,176	119.50	\$ 3,439.70
29144	09/01/10	30	41,210	121.90	\$ 3,137.73
29144	10/01/10	31	40,383	113.90	\$ 3,074.76
29144	11/01/10	30	33,143	97.30	\$ 2,523.51
29144	12/01/10	31	30,209	98.60	\$ 2,300.11
<b>Totals</b>		<b>365</b>	<b>435,979</b>	<b>1291.6</b>	<b>\$34,369.08</b>
		15.35-kWh/sf	3.79-W/sf	\$1.21/sf	

<b>Existing Energy Use</b>					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29144	01/01/10	31	35,480	74.4	\$3,875.09
29144	02/01/10	28	30,847	149.9	\$2,348.69
29144	03/01/10	31	29,907	78.2	\$2,277.12
29144	04/01/10	30	32,623	94.2	\$2,483.91
29144	05/01/10	31	37,221	103.8	\$2,834.00
29144	06/01/10	30	38,905	118.1	\$2,962.23
29144	07/01/10	31	40,875	121.8	\$3,112.23
29144	08/01/10	31	45,176	119.5	\$3,439.70
29144	09/01/10	30	41,210	121.9	\$3,137.73
29144	10/01/10	31	40,383	113.9	\$3,074.76
29144	11/01/10	30	33,143	97.3	\$2,523.51
29144	12/01/10	31	30,209	98.6	\$2,300.11
<b>Totals</b>		<b>365</b>	<b>435,979</b>	<b>1291.6</b>	<b>\$34,369.08</b>

		Summer	\$0.13265	\$12.00	On-Peak 9		
		Winter	\$0.10000	\$10.00	Time Frame 21		
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings	
w	1,709	4.8%	33.3	44.8%	\$504.29	13.0%	
w	1,512	4.9%	57.7	38.5%	\$728.28	31.0%	
w	1,714	5.7%	26.1	33.4%	\$432.79	19.0%	
w	2,850	8.7%	29.7	31.6%	\$582.34	23.4%	
w	4,109	11.0%	38.5	37.1%	\$796.05	28.1%	
s	5,033	12.9%	47.7	40.4%	\$1,240.56	41.9%	
s	5,664	13.9%	45.1	37.1%	\$1,292.93	41.5%	
s	5,901	13.1%	44.3	37.1%	\$1,314.73	38.2%	
s	4,789	11.6%	45.2	37.1%	\$1,177.95	37.5%	
w	3,374	8.4%	41.5	36.5%	\$752.57	24.5%	
w	1,974	6.0%	32.5	33.4%	\$522.67	20.7%	
w	1,579	5.2%	38.0	38.5%	\$537.52	23.4%	
<b>Totals</b>		<b>40,209</b>	<b>9.2%</b>	<b>479.9</b>	<b>37.2%</b>	<b>\$9,882.68</b>	<b>28.8%</b>

<b>HVAC Only Savings</b>							
		Summer	\$0.13265	\$12.00	On-Peak 9		
		Winter	\$0.10000	\$10.00	Time Frame 21		
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings	
w	0	0.0%	0.0	0.0%	\$0.00	0.0%	
w	27	0.1%	21.1	14.1%	\$213.85	9.1%	
w	297	1.0%	8.1	10.4%	\$110.82	4.9%	
w	1,420	4.4%	9.4	10.0%	\$236.30	9.5%	
w	2,747	7.4%	15.7	15.1%	\$431.24	15.2%	
s	3,813	9.8%	20.9	17.7%	\$756.65	25.5%	
s	4,439	10.9%	21.6	17.7%	\$847.59	27.2%	
s	4,500	10.0%	18.0	15.1%	\$813.15	23.6%	
s	3,337	8.1%	18.4	15.1%	\$663.28	21.1%	
w	1,626	4.0%	11.4	10.0%	\$276.64	9.0%	
w	411	1.2%	5.3	5.5%	\$94.52	3.7%	
w	130	0.4%	13.9	14.1%	\$151.90	6.6%	
<b>Totals</b>		<b>22,748</b>	<b>5.2%</b>	<b>163.8</b>	<b>12.7%</b>	<b>\$4,595.93</b>	<b>13.4%</b>

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Customer: DSW  
 Location: 29144  
 28,400 sf

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29144	01/01/10	31	35,480	74.4	\$3,875.09
29144	02/01/10	28	30,847	149.9	\$2,348.69
29144	03/01/10	31	29,907	78.2	\$2,277.12
29144	04/01/10	30	32,623	94.2	\$2,483.91
29144	05/01/10	31	37,221	103.8	\$2,834.00
29144	06/01/10	30	38,905	118.1	\$2,962.23
29144	07/01/10	31	40,875	121.8	\$3,112.23
29144	08/01/10	31	45,176	119.5	\$3,439.70
29144	09/01/10	30	41,210	121.9	\$3,137.73
29144	10/01/10	31	40,383	113.9	\$3,074.76
29144	11/01/10	30	33,143	97.3	\$2,523.51
29144	12/01/10	31	30,209	98.6	\$2,300.11
<b>Totals</b>		<b>365</b>	<b>435,979</b>	<b>1291.6</b>	<b>\$34,369.08</b>

Lighting Only Savings						
Summer	\$0.13265			\$12.00	On-Peak 9	
Winter	\$0.10000			\$10.00	Time Frame 21	
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	1,709	4.8%	33.3	44.8%	\$504.29	13.0%
w	1,485	4.8%	57.7	38.5%	\$725.55	30.9%
w	1,417	4.7%	22.2	28.4%	\$363.58	16.0%
w	1,430	4.4%	24.9	26.4%	\$392.12	15.8%
w	1,362	3.7%	24.8	23.9%	\$384.66	13.6%
s	1,219	3.1%	26.8	22.7%	\$483.91	16.3%
s	1,225	3.0%	27.7	22.7%	\$494.74	15.9%
s	1,401	3.1%	28.6	23.9%	\$529.01	15.4%
s	1,451	3.5%	29.2	23.9%	\$542.64	17.3%
w	1,748	4.3%	30.1	26.4%	\$475.92	15.5%
w	1,563	4.7%	27.6	28.4%	\$432.39	17.1%
w	1,449	4.8%	38.0	38.5%	\$524.49	22.8%
<b>Totals</b>	<b>17,460</b>	<b>4.0%</b>	<b>371.0</b>	<b>28.7%</b>	<b>\$5,853.29</b>	<b>17.0%</b>

CUSTOMER: DSW: at LOCATION: 29144			11. SYSTEM OPERATION				12. OCCUPANCY PROFILE					
ZONE 1 - RETAIL SALES SPACE			HVAC OPTION		EXISTING*				PROPOSED*			
			EXISTING	PROPOSED	Hr.	M - F	S - S	M - F	S - S	Hr.	%Design Occupancy	
											M - F	S - S
1.	ECONOMIZER		Temperature	Temperature								
	Minimum OSA %		25%	25%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
	Coil Discharge temp (°F)		55	55	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
	Mixed Air Setpoint (°F)		55	55	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
	Low Limit (°F)		45	45	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
	High Limit (°F)		68	68	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
	Enthalpy Limit (Btu/lb)				6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%
2.	kW /Ton (of Compressor & Cond Fan)		1.30	1.30	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	10%	10%
3.	Supply Air Flow (CFM)		25,500	25,500	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	25%	25%
4.	Supply Fan Control		CV-Continuous	CV-Continuous	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	50%	50%
	Minimum Air Flow (%)		100.00%	100.00%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
	Motor Efficiency (%)		89.50%	89.50%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
5.	Gas Furnace - Thermal Efficiency (%)		80.00%	80.00%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
	Heat Pump - HCOP (rated at 47°F OSA)				13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
6.	OCCUPIED				14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
	Cooling Setpoint (°F)		70	72	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
	Heating Setpoint (°F)		68	68	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
	UNOCCUPIED				17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
	Cooling Setpoint (°F)		70	80	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
	Heating Setpoint (°F)		68	60	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
7.	OSA Damper Closed at Night?		No	No	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	50%	50%
8.	Fan Operation at Night?		CV-Cycling	CV-Cycling	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	25%	25%
9.	CO <sub>2</sub> Sensors?		No	Yes	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	10%	10%
	OSA % @ Max Occupancy				23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	10%	10%
	OSA % @ Min Occupancy				24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	5%	5%
10.	% Internal Load at Night		15.0%	15.0%	* Check if ON							

CUSTOMER: DSW: at LOCATION: 29144											
ZONE 1 - RETAIL SALES SPACE	13. EXISTING LIGHTING PROFILE			14. LIGHTING OPERATION				15. PROPOSED LIGHT PROFILE			
	% Fixtures On			EXISTING*		PROPOSED*		% Fixtures On			
	Hr.	M - F	S - S	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S
1	0%		0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
2	0%		0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
3	0%		0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
4	0%		0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
5	0%		0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
6	0%		0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%
7	0%		0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%
8	0%		0%	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%
9	100%		100%	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	0%	0%
10	100%		100%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
11	100%		100%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
12	100%		100%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
13	100%		100%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
14	100%		100%	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
15	100%		100%	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
16	100%		100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
17	100%		100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
18	100%		100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
19	100%		100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
20	100%		100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%
21	100%		100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%
22	100%		100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%
23	100%		100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23	0%	0%
24	0%		0%	24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	0%	0%

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29144			11. SYSTEM OPERATION				12. OCCUPANCY PROFILE								
ZONE 2 - OFFICE/EMPLOYEE SPACE			HVAC OPTION		EXISTING*				PROPOSED*				%Design Occupancy		
			EXISTING	PROPOSED	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S			
1.	ECONOMIZER	Temperature		Temperature											
	Minimum OSA %	25%		25%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%			
	Coil Discharge temp (°F)	55		55	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%			
	Mixed Air Setpoint (°F)	55		55	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%			
	Low Limit (°F)	45		45	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%			
	High Limit (°F)	68		68	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%			
	Enthalpy Limit (Btu/lb)				6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	10%	10%			
2.	kW /Ton (of Compressor & Cond Fan)	0.92		0.92	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	25%	25%			
3.	Supply Air Flow (CFM)	1,250		1,250	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	50%	50%			
4.	Supply Fan Control	CV-Continuous		CV-Continuous	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	75%	75%			
	Minimum Air Flow (%)	100.00%		100.00%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%			
	Motor Efficiency (%)	89.50%		89.50%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%			
5.	Gas Furnace - Thermal Efficiency (%)	80.00%		80.00%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%			
	Heat Pump - HCOP (rated at 47°F OSA)				13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%			
6.	OCCUPIED				14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%			
	Cooling Setpoint (°F)	70		72	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%			
	Heating Setpoint (°F)	68		68	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%			
	UNOCCUPIED				17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%			
	Cooling Setpoint (°F)	70		80	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%			
	Heating Setpoint (°F)	68		60	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%			
7.	OSA Damper Closed at Night?	No		No	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%			
8.	Fan Operation at Night?	CV-Cycling		CV-Cycling	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	75%	75%			
9.	CO <sub>2</sub> Sensors?	No		Yes	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	50%	50%			
	OSA % @ Max Occupancy				23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	25%	25%			
	OSA % @ Min Occupancy				24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	10%	10%			
10.	% Internal Load at Night	25.0%		25.0%	* Check if ON										



CUSTOMER: DSW: at LOCATION: 29144											
ZONE 2 - OFFICE/EMPLOYEE SPACE	13. EXISTING LIGHTING PROFILE			14. LIGHTING OPERATION				15. PROPOSED LIGHT PROFILE			
	% Fixtures On			EXISTING*		PROPOSED*		% Fixtures On			
	Hr.	M - F	S - S	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S
1	0%		0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
2	0%		0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
3	0%		0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
4	0%		0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
5	0%		0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
6	0%		0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%
7	0%		0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%
8	100%		100%	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%
9	100%		100%	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	100%	100%
10	100%		100%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
11	100%		100%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
12	100%		100%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
13	100%		100%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
14	100%		100%	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
15	100%		100%	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
16	100%		100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
17	100%		100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
18	100%		100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
19	100%		100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
20	100%		100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%
21	100%		100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%
22	100%		100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%
23	100%		100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	100%	100%
24	100%		100%	24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	0%	0%

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29144			11. SYSTEM OPERATION				12. OCCUPANCY PROFILE					
ZONE 3 - CONDITIONED STORAGE			HVAC OPTION		EXISTING*				%Design Occupancy			
			EXISTING	PROPOSED	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S
1.	ECONOMIZER	Temperature		Temperature								
	Minimum OSA %	25%		25%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
	Coil Discharge temp (°F)	55		55	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
	Mixed Air Setpoint (°F)	55		55	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
	Low Limit (°F)	45		45	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
	High Limit (°F)	68		68	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
	Enthalpy Limit (Btu/lb)				6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	10%	10%
2.	kW /Ton (of Compressor & Cond Fan)	0.92		0.92	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	25%	25%
3.	Supply Air Flow (CFM)	1,600		1,600	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	50%	50%
4.	Supply Fan Control	CV-Continuous		CV-Continuous	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	75%	75%
	Minimum Air Flow (%)	100.00%		100.00%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
	Motor Efficiency (%)	86.50%		86.50%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
5.	Gas Furnace - Thermal Efficiency (%)	80.00%		80.00%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
	Heat Pump - HCOP (rated at 47°F OSA)				13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
6.	OCCUPIED				14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
	Cooling Setpoint (°F)	70		72	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
	Heating Setpoint (°F)	68		68	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
	UNOCCUPIED				17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
	Cooling Setpoint (°F)	70		80	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
	Heating Setpoint (°F)	68		60	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
7.	OSA Damper Closed at Night?	No		No	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%
8.	Fan Operation at Night?	CV-Cycling		CV-Cycling	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	75%	75%
9.	CO <sub>2</sub> Sensors?	No		Yes	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	50%	50%
	OSA % @ Max Occupancy				23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	25%	25%
	OSA % @ Min Occupancy				24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	10%	10%
10.	% Internal Load at Night	25.0%		25.0%	* Check if ON							

CUSTOMER: DSW: at LOCATION: 29144													
ZONE 3 - CONDITIONED STORAGE			13. EXISTING LIGHTING PROFILE				14. LIGHTING OPERATION				15. PROPOSED LIGHT PROFILE		
			% Fixtures On				EXISTING*		PROPOSED*		% Fixtures On		
Hr.	M - F	S - S	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S			
1	0%	0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%			
2	0%	0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%			
3	0%	0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%			
4	0%	0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%			
5	0%	0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%			
6	0%	0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%			
7	0%	0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%			
8	100%	100%	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%			
9	100%	100%	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	100%	100%			
10	100%	100%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%			
11	100%	100%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%			
12	100%	100%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%			
13	100%	100%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%			
14	100%	100%	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%			
15	100%	100%	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%			
16	100%	100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%			
17	100%	100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%			
18	100%	100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%			
19	100%	100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%			
20	100%	100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%			
21	100%	100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%			
22	100%	100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%			
23	100%	100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	100%	100%			
24	100%	100%	24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	0%	0%			

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29144

**ZONE 4 - EXTERIOR LIGHTING**

**1. EXISTING LIGHTING PROFILE**

Hr.	% Fixtures On	
	M - F	S - S
1	0%	0%
2	0%	0%
3	0%	0%
4	0%	0%
5	0%	0%
6	0%	0%
7	0%	0%
8	0%	0%
9	0%	0%
10	0%	0%
11	0%	0%
12	0%	0%
13	0%	0%
14	0%	0%
15	0%	0%
16	100%	100%
17	100%	100%
18	100%	100%
19	100%	100%
20	100%	100%
21	100%	100%
22	100%	100%
23	100%	100%
24	100%	100%

**12. LIGHTING OPERATION**

Hr.	EXISTING*		PROPOSED*	
	M - F	S - S	M - F	S - S
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

\* Check if ON

**3. PROPOSED LIGHT PROFILE**

Hr.	% Fixtures On	
	M - F	S - S
1	0%	0%
2	0%	0%
3	0%	0%
4	0%	0%
5	0%	0%
6	0%	0%
7	0%	0%
8	0%	0%
9	0%	0%
10	0%	0%
11	0%	0%
12	0%	0%
13	0%	0%
14	0%	0%
15	0%	0%
16	100%	100%
17	100%	100%
18	100%	100%
19	100%	100%
20	100%	100%
21	100%	100%
22	100%	100%
23	100%	100%
24	100%	100%



Customer: DSW  
 Location: 29144

Savings HVAC Demand (kW)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.86	15.86	17.62	17.62	17.62	17.62	17.62	17.62	15.86	15.86	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.86	15.86	17.62	17.62	17.62	17.62	17.62	17.62	15.86	15.86	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.86	15.86	17.62	17.62	17.62	17.62	17.62	17.62	15.86	15.86	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.86	15.86	17.62	17.62	17.62	17.62	17.62	17.62	15.86	15.86	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	10.54	10.54	10.54	10.54	18.27	18.27	27.12	27.12	18.27	18.27	18.27	18.27	12.94	12.94	10.54	10.54	10.54	10.54	10.54	10.54
6	0.00	0.00	0.00	0.00	10.54	10.54	10.54	10.54	18.27	18.27	27.12	27.12	18.27	18.27	18.27	18.27	12.94	12.94	10.54	10.54	10.54	10.54	10.54	10.54
7	0.00	0.00	0.00	0.00	10.54	10.54	10.54	10.54	18.27	18.27	27.12	27.12	18.27	18.27	18.27	18.27	12.94	12.94	10.54	10.54	10.54	10.54	10.54	10.54
8	0.00	0.00	0.00	0.00	10.54	10.54	10.54	10.54	18.27	18.27	27.12	27.12	18.27	18.27	18.27	18.27	12.94	12.94	10.54	10.54	10.54	10.54	10.54	10.54
9	0.00	0.00	0.00	0.00	8.59	8.59	9.32	9.32	26.50	26.50	37.51	37.51	30.35	30.35	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	0.00	0.00
10	0.00	0.00	0.00	0.00	8.59	8.59	9.32	9.32	26.50	26.50	37.51	37.51	30.35	30.35	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	0.00	0.00
11	0.00	0.00	0.00	0.00	8.59	8.59	9.32	9.32	26.50	26.50	37.51	37.51	30.35	30.35	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	0.00	0.00
12	0.00	0.00	0.00	0.00	8.59	8.59	9.32	9.32	26.50	26.50	37.51	37.51	30.35	30.35	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	0.00	0.00
13	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	30.35	30.35	37.51	37.51	37.51	37.51	30.35	30.35	30.35	30.35	18.23	18.23	9.32	9.32	17.62	17.62
14	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	30.35	30.35	37.51	37.51	37.51	37.51	30.35	30.35	30.35	30.35	18.23	18.23	9.32	9.32	17.62	17.62
15	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	30.35	30.35	37.51	37.51	37.51	37.51	30.35	30.35	30.35	30.35	18.23	18.23	9.32	9.32	17.62	17.62
16	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	30.35	30.35	37.51	37.51	37.51	37.51	30.35	30.35	30.35	30.35	18.23	18.23	9.32	9.32	17.62	17.62
17	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	26.50	26.50	37.51	37.51	30.35	30.35	30.35	30.35	30.35	30.35	18.23	18.23	8.59	8.59	17.62	17.62
18	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	26.50	26.50	37.51	37.51	30.35	30.35	30.35	30.35	30.35	30.35	18.23	18.23	8.59	8.59	17.62	17.62
19	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	26.50	26.50	37.51	37.51	30.35	30.35	30.35	30.35	30.35	30.35	18.23	18.23	8.59	8.59	17.62	17.62
20	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	26.50	26.50	37.51	37.51	30.35	30.35	30.35	30.35	30.35	30.35	18.23	18.23	8.59	8.59	17.62	17.62
21	0.00	0.00	0.00	0.00	17.62	17.62	8.59	8.59	9.32	9.32	26.50	26.50	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	8.59	8.59	17.62	17.62
22	0.00	0.00	0.00	0.00	17.62	17.62	8.59	8.59	9.32	9.32	26.50	26.50	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	8.59	8.59	17.62	17.62
23	0.00	0.00	0.00	0.00	17.62	17.62	8.59	8.59	9.32	9.32	26.50	26.50	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	8.59	8.59	17.62	17.62
24	0.00	0.00	0.00	0.00	17.62	17.62	8.59	8.59	9.32	9.32	26.50	26.50	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	8.59	8.59	17.62	17.62
	0.00	0.00	17.62	17.62	17.62	17.62	18.23	18.23	30.35	30.35	37.51	37.51	37.51	37.51	30.35	30.35	30.35	30.35	18.23	18.23	10.54	10.54	17.62	17.62

Existing HVAC Energy (kWh)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	1,246	498	1,125	450	1,246	498	1,206	482	1,307	523	1,457	583	1,592	637	1,478	591	1,378	551	1,246	498	1,206	482	1,246	498
2	1,246	498	1,125	450	1,246	498	1,206	482	1,307	523	1,457	583	1,592	637	1,478	591	1,378	551	1,246	498	1,206	482	1,246	498
3	1,246	498	1,125	450	1,246	498	1,206	482	1,307	523	1,457	583	1,592	637	1,478	591	1,378	551	1,246	498	1,206	482	1,246	498
4	1,246	498	1,125	450	1,246	498	1,206	482	1,307	523	1,457	583	1,592	637	1,478	591	1,378	551	1,246	498	1,206	482	1,246	498
5	1,246	498	1,125	450	1,248	499	1,228	491	1,423	569	1,711	684	1,849	739	1,707	683	1,526	610	1,261	504	1,211	485	1,250	500
6	1,246	498	1,125	450	1,248	499	1,228	491	1,423	569	1,711	684	1,849	739	1,707	683	1,526	610	1,261	504	1,211	485	1,250	500
7	1,246	498	1,125	450	1,248	499	1,228	491	1,423	569	1,711	684	1,849	739	1,707	683	1,526	610	1,261	504	1,211	485	1,250	500
8	1,246	498	1,125	450	1,248	499	1,228	491	1,423	569	1,711	684	1,849	739	1,707	683	1,526	610	1,261	504	1,211	485	1,250	500
9	1,246	498	1,125	450	1,271	508	1,395	558	2,110	844	2,526	1,010	2,847	1,139	2,684	1,074	2,097	839	1,502	601	1,239	495	1,246	498
10	1,246	498	1,125	450	1,271	508	1,395	558	2,110	844	2,526	1,010	2,847	1,139	2,684	1,074	2,097	839	1,502	601	1,239	495	1,246	498
11	1,246	498	1,125	450	1,271	508	1,395	558	2,110	844	2,526	1,010	2,847	1,139	2,684	1,074	2,097	839	1,502	601	1,239	495	1,246	498
12	1,246	498	1,125	450	1,271	508	1,395	558	2,110	844	2,526	1,010	2,847	1,139	2,684	1,074	2,097	839	1,502	601	1,239	495	1,246	498
13	1,246	498	1,128	451	1,328	531	1,718	687	2,401	960	2,803	1,121	3,040	1,216	3,008	1,203	2,438	975	1,902	761	1,322	529	1,277	511
14	1,246	498	1,128	451	1,328	531	1,718	687	2,401	960	2,803	1,121	3,040	1,216	3,008	1,203	2,438	975	1,902	761	1,322	529	1,277	511
15	1,246	498	1,128	451	1,328	531	1,718	687	2,401	960	2,803	1,121	3,040	1,216	3,008	1,203	2,438	975	1,902	761	1,322	529	1,277	511
16	1,246	498	1,128	451	1,328	531	1,718	687	2,401	960	2,803	1,121	3,040	1,216	3,008	1,203	2,438	975	1,902	761	1,322	529	1,277	511
17	1,246	498	1,132	453	1,318	527	1,527	611	2,276	910	2,687	1,075	2,935	1,174	2,846	1,139	2,215	886	1,567	627	1,253	501	1,258	503
18	1,246	498	1,132	453	1,318	527	1,527	611	2,276	910	2,687	1,075	2,935	1,174	2,846	1,139	2,215	886	1,567	627	1,253	501	1,258	503
19	1,246	498	1,132	453	1,318	527	1,527	611	2,276	910	2,687	1,075	2,935	1,174	2,846	1,139	2,215	886	1,567	627	1,253	501	1,258	503
20	1,246	498	1,132	453	1,318	527	1,527	611	2,276	910	2,687	1,075	2,935	1,174	2,846	1,139	2,215	886	1,567	627	1,253	501	1,258	503
21	1,246	498	1,125	450	1,262	505	1,284	514	1,678	671	2,160	864	2,356	943	2,265	906	1,766	706	1,329	532	1,248	499	1,249	500
22	1,246	498	1,125	450	1,262	505	1,284	514	1,678	671	2,160	864	2,356	943	2,265	906	1,766	706	1,329	532	1,248	499	1,249	500
23	1,246	498	1,125	450	1,262	505	1,284	514	1,678	671	2,160	864	2,356	943	2,265	906	1,766	706	1,329	532	1,248	499	1,249	500
24	1,246	498	1,125	450	1,262	505	1,2																	

Customer: DSW  
 Location: 29144

Proposed HVAC Energy (kWh)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	1,246	498	1,125	450	1,246	498	1,206	482	1,260	504	1,311	524	1,396	559	1,322	529	1,282	513	1,246	498	1,206	482	1,246	498
2	1,246	498	1,125	450	1,246	498	1,206	482	1,260	504	1,311	524	1,396	559	1,322	529	1,282	513	1,246	498	1,206	482	1,246	498
3	1,246	498	1,125	450	1,246	498	1,206	482	1,260	504	1,311	524	1,396	559	1,322	529	1,282	513	1,246	498	1,206	482	1,246	498
4	1,246	498	1,125	450	1,246	498	1,206	482	1,260	504	1,311	524	1,396	559	1,322	529	1,282	513	1,246	498	1,206	482	1,246	498
5	1,246	498	1,125	450	1,246	498	1,206	482	1,327	531	1,523	609	1,622	649	1,504	602	1,395	558	1,246	498	1,206	482	1,246	498
6	1,246	498	1,125	450	1,246	498	1,206	482	1,327	531	1,523	609	1,622	649	1,504	602	1,395	558	1,246	498	1,206	482	1,246	498
7	1,246	498	1,125	450	1,246	498	1,206	482	1,327	531	1,523	609	1,622	649	1,504	602	1,395	558	1,246	498	1,206	482	1,246	498
8	1,246	498	1,125	450	1,246	498	1,206	482	1,327	531	1,523	609	1,622	649	1,504	602	1,395	558	1,246	498	1,206	482	1,246	498
9	1,246	498	1,125	450	1,258	503	1,265	506	1,856	743	2,191	876	2,464	986	2,351	941	1,868	747	1,393	557	1,212	485	1,246	498
10	1,246	498	1,125	450	1,258	503	1,265	506	1,856	743	2,191	876	2,464	986	2,351	941	1,868	747	1,393	557	1,212	485	1,246	498
11	1,246	498	1,125	450	1,258	503	1,265	506	1,856	743	2,191	876	2,464	986	2,351	941	1,868	747	1,393	557	1,212	485	1,246	498
12	1,246	498	1,125	450	1,258	503	1,265	506	1,856	743	2,191	876	2,464	986	2,351	941	1,868	747	1,393	557	1,212	485	1,246	498
13	1,246	498	1,125	450	1,284	513	1,522	609	2,078	831	2,374	949	2,528	1,011	2,524	1,010	2,108	843	1,721	688	1,268	507	1,246	498
14	1,246	498	1,125	450	1,284	513	1,522	609	2,078	831	2,374	949	2,528	1,011	2,524	1,010	2,108	843	1,721	688	1,268	507	1,246	498
15	1,246	498	1,125	450	1,284	513	1,522	609	2,078	831	2,374	949	2,528	1,011	2,524	1,010	2,108	843	1,721	688	1,268	507	1,246	498
16	1,246	498	1,125	450	1,284	513	1,522	609	2,078	831	2,374	949	2,528	1,011	2,524	1,010	2,108	843	1,721	688	1,268	507	1,246	498
17	1,246	498	1,125	450	1,274	510	1,397	559	2,000	800	2,316	926	2,490	996	2,450	980	1,919	768	1,410	564	1,218	487	1,246	498
18	1,246	498	1,125	450	1,274	510	1,397	559	2,000	800	2,316	926	2,490	996	2,450	980	1,919	768	1,410	564	1,218	487	1,246	498
19	1,246	498	1,125	450	1,274	510	1,397	559	2,000	800	2,316	926	2,490	996	2,450	980	1,919	768	1,410	564	1,218	487	1,246	498
20	1,246	498	1,125	450	1,274	510	1,397	559	2,000	800	2,316	926	2,490	996	2,450	980	1,919	768	1,410	564	1,218	487	1,246	498
21	1,246	498	1,125	450	1,246	498	1,218	487	1,530	612	1,915	766	2,066	826	2,016	806	1,588	635	1,264	506	1,224	490	1,246	498
22	1,246	498	1,125	450	1,246	498	1,218	487	1,530	612	1,915	766	2,066	826	2,016	806	1,588	635	1,264	506	1,224	490	1,246	498
23	1,246	498	1,125	450	1,246	498	1,218	487	1,530	612	1,915	766	2,066	826	2,016	806	1,588	635	1,264	506	1,224	490	1,246	498
24	1,246	498	1,125	450	1,246	498	1,218	487	1,530	612	1,915	766	2,066	826	2,016	806	1,588	635	1,264	506	1,224	490	1,246	498
	29,900	11,960	27,006	10,802	30,213	12,085	31,253	12,501	40,209	16,084	46,521	18,608	50,264	20,105	48,672	19,469	40,636	16,254	33,120	13,248	29,335	11,734	29,900	11,960

Savings HVAC Energy (kWh)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	47	19	146	59	195	78	156	62	95	38	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	47	19	146	59	195	78	156	62	95	38	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	47	19	146	59	195	78	156	62	95	38	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	47	19	146	59	195	78	156	62	95	38	0	0	0	0	0	0
5	0	0	0	0	2	1	23	9	96	38	187	75	227	91	203	81	131	53	15	6	6	2	4	2
6	0	0	0	0	2	1	23	9	96	38	187	75	227	91	203	81	131	53	15	6	6	2	4	2
7	0	0	0	0	2	1	23	9	96	38	187	75	227	91	203	81	131	53	15	6	6	2	4	2
8	0	0	0	0	2	1	23	9	96	38	187	75	227	91	203	81	131	53	15	6	6	2	4	2
9	0	0	0	0	13	5	130	52	254	102	336	134	383	153	333	133	229	92	109	43	27	11	0	0
10	0	0	0	0	13	5	130	52	254	102	336	134	383	153	333	133	229	92	109	43	27	11	0	0
11	0	0	0	0	13	5	130	52	254	102	336	134	383	153	333	133	229	92	109	43	27	11	0	0
12	0	0	0	0	13	5	130	52	254	102	336	134	383	153	333	133	229	92	109	43	27	11	0	0
13	0	0	3	1	44	18	196	78	323	129	430	172	512	205	484	194	331	132	182	73	54	21	31	13
14	0	0	3	1	44	18	196	78	323	129	430	172	512	205	484	194	331	132	182	73	54	21	31	13
15	0	0	3	1	44	18	196	78	323	129	430	172	512	205	484	194	331	132	182	73	54	21	31	13
16	0	0	3	1	44	18	196	78	323	129	430	172	512	205	484	194	331	132	182	73	54	21	31	13
17	0	0	6	3	44	18	129	52	275	110	371	148	445	178	396	159	296	118	158	63	35	14	13	5
18	0	0	6	3	44	18	129	52	275	110	371	148	445	178	396	159	296	118	158	63	35	14	13	5
19	0	0	6	3	44	18	129	52	275	110	371	148	445	178	396	159	296	118	158	63	35	14	13	5
20	0	0	6	3	44	18	129	52	275	110	371	148	445	178	396	159	296	118	158	63	35	14	13	5
21	0	0	0	0	16	6	66	26	148	59	245	98	290	116	249	99	178	71	64	26	23	9	3	1
22	0	0	0	0	16	6	66	26	148	59	245	98	290	116	249	99	178	71	64	26	23	9	3	1
23	0	0	0	0	16	6	66	26	148	59	245	98	290	116	249	99	178	71	64	26	23	9	3	1
24	0	0	0	0	16	6	66	26	148	59	245	98	290	116	249	99	178	71	64	26	23	9	3	1
	0	0	38	15	474	190	2,177	871	4,570	1,828	6,858	2,743	8,213	3,285	7,281	2,912	5,043	2,017	2,109	844	576	230	204	82







Customer: DSW  
 Location: 29144

HR	Proposed Lighting Energy (kWh)																							
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	69	24	60	24	69	24	66	24	69	24	66	24	69	24	69	24	66	24	69	24	66	24	69	24
10	1,177	409	1,023	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409
11	1,177	409	1,023	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409
12	1,177	409	1,023	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409
13	1,177	409	1,023	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409
14	1,177	409	1,023	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409
15	1,177	409	1,023	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409	1,177	409	1,126	409	1,177	409	1,126	409	1,177	409
16	1,178	410	1,025	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410
17	1,178	410	1,025	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410
18	1,178	410	1,025	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410
19	1,178	410	1,025	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410
20	1,178	410	1,025	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410
21	1,178	410	1,025	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410
22	1,178	410	1,025	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410	1,178	410	1,127	410	1,178	410	1,127	410	1,178	410
23	71	25	61	25	71	25	67	25	71	25	67	25	71	25	71	25	67	25	71	25	67	25	71	25
24	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
	15,452	5,375	13,436	5,375	15,452	5,375	14,780	5,375	15,452	5,375	14,780	5,375	15,452	5,375	15,452	5,375	14,780	5,375	15,452	5,375	14,780	5,375	15,452	5,375

HR	Savings Lighting Energy (kWh)																							
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	69	24	60	24	69	24	66	24	69	24	66	24	69	24	69	24	66	24	69	24	66	24	69	24
9	1,108	385	963	385	1,108	385	1,060	385	1,108	385	1,060	385	1,108	385	1,108	385	1,060	385	1,108	385	1,060	385	1,108	385
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1,108	385	963	385	1,108	385	1,060	385	1,108	385	1,060	385	1,108	385	1,108	385	1,060	385	1,108	385	1,060	385	1,108	385
24	69	24	60	24	69	24	66	24	69	24	66	24	69	24	69	24	66	24	69	24	66	24	69	24
	2,354	819	2,047	819	2,354	819	2,252	819	2,354	819	2,252	819	2,354	819	2,354	819	2,252	819	2,354	819	2,252	819	2,354	819

Customer: DSW  
 Location: 29144

Savings HVAC & Lighting Demand (kW)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	Jan-WD	Jan-WE	Feb-WD	Feb-WE	Mar-WD	Mar-WE	Apr-WD	Apr-WE	May-WD	May-WE	Jun-WD	Jun-WE	Jul-WD	Jul-WE	Aug-WD	Aug-WE	Sep-WD	Sep-WE	Oct-WD	Oct-WE	Nov-WD	Nov-WE	Dec-WD	Dec-WE
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.86	15.86	17.62	17.62	17.62	17.62	17.62	17.62	15.86	15.86	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.86	15.86	17.62	17.62	17.62	17.62	17.62	17.62	15.86	15.86	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.86	15.86	17.62	17.62	17.62	17.62	17.62	17.62	15.86	15.86	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.86	15.86	17.62	17.62	17.62	17.62	17.62	17.62	15.86	15.86	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	10.54	10.54	10.54	10.54	18.27	18.27	27.12	27.12	18.27	18.27	18.27	18.27	12.94	12.94	10.54	10.54	10.54	10.54	10.54	10.54
6	0.00	0.00	0.00	0.00	10.54	10.54	10.54	10.54	18.27	18.27	27.12	27.12	18.27	18.27	18.27	18.27	12.94	12.94	10.54	10.54	10.54	10.54	10.54	10.54
7	0.00	0.00	0.00	0.00	10.54	10.54	10.54	10.54	18.27	18.27	27.12	27.12	18.27	18.27	18.27	18.27	12.94	12.94	10.54	10.54	10.54	10.54	10.54	10.54
8	3.01	3.01	3.01	3.01	13.54	13.54	13.54	13.54	21.28	21.28	30.13	30.13	21.28	21.28	21.28	21.28	15.94	15.94	13.54	13.54	13.54	13.54	13.54	13.54
9	48.17	48.17	48.17	48.17	56.75	56.75	57.49	57.49	74.66	74.66	85.67	85.67	78.51	78.51	74.66	74.66	74.66	74.66	66.40	66.40	56.75	56.75	48.17	48.17
10	0.00	0.00	0.00	0.00	8.59	8.59	9.32	9.32	26.50	26.50	37.51	37.51	30.35	30.35	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	0.00	0.00
11	0.00	0.00	0.00	0.00	8.59	8.59	9.32	9.32	26.50	26.50	37.51	37.51	30.35	30.35	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	0.00	0.00
12	0.00	0.00	0.00	0.00	8.59	8.59	9.32	9.32	26.50	26.50	37.51	37.51	30.35	30.35	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	0.00	0.00
13	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	30.35	30.35	37.51	37.51	37.51	37.51	30.35	30.35	30.35	30.35	18.23	18.23	9.32	9.32	17.62	17.62
14	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	30.35	30.35	37.51	37.51	37.51	37.51	30.35	30.35	30.35	30.35	18.23	18.23	9.32	9.32	17.62	17.62
15	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	30.35	30.35	37.51	37.51	37.51	37.51	30.35	30.35	30.35	30.35	18.23	18.23	9.32	9.32	17.62	17.62
16	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	30.35	30.35	37.51	37.51	37.51	37.51	30.35	30.35	30.35	30.35	18.23	18.23	9.32	9.32	17.62	17.62
17	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	26.50	26.50	37.51	37.51	30.35	30.35	30.35	30.35	30.35	30.35	18.23	18.23	8.59	8.59	17.62	17.62
18	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	26.50	26.50	37.51	37.51	30.35	30.35	30.35	30.35	30.35	30.35	18.23	18.23	8.59	8.59	17.62	17.62
19	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	26.50	26.50	37.51	37.51	30.35	30.35	30.35	30.35	30.35	30.35	18.23	18.23	8.59	8.59	17.62	17.62
20	0.00	0.00	17.62	17.62	9.32	9.32	18.23	18.23	26.50	26.50	37.51	37.51	30.35	30.35	30.35	30.35	30.35	30.35	18.23	18.23	8.59	8.59	17.62	17.62
21	0.00	0.00	0.00	0.00	17.62	17.62	8.59	8.59	9.32	9.32	26.50	26.50	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	8.59	8.59	17.62	17.62
22	0.00	0.00	0.00	0.00	17.62	17.62	8.59	8.59	9.32	9.32	26.50	26.50	26.50	26.50	26.50	26.50	18.23	18.23	8.59	8.59	8.59	8.59	17.62	17.62
23	48.17	48.17	48.17	48.17	65.79	65.79	56.75	56.75	57.49	57.49	74.66	74.66	74.66	74.66	74.66	74.66	66.40	66.40	56.75	56.75	56.75	56.75	65.79	65.79
24	3.01	3.01	3.01	3.01	20.63	20.63	11.59	11.59	12.33	12.33	29.50	29.50	29.50	29.50	29.50	29.50	21.24	21.24	11.59	11.59	11.59	11.59	20.63	20.63
	48.17	48.17	48.17	48.17	65.79	65.79	57.49	57.49	74.66	74.66	85.67	85.67	78.51	78.51	74.66	74.66	74.66	74.66	66.40	66.40	56.75	56.75	65.79	65.79

Savings HVAC & Lighting Energy (kWh)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	47	19	146	59	195	78	156	62	95	38	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	47	19	146	59	195	78	156	62	95	38	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	47	19	146	59	195	78	156	62	95	38	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	47	19	146	59	195	78	156	62	95	38	0	0	0	0	0	0
5	0	0	0	0	2	1	23	9	96	38	187	75	227	91	203	81	131	53	15	6	6	2	4	2
6	0	0	0	0	2	1	23	9	96	38	187	75	227	91	203	81	131	53	15	6	6	2	4	2
7	0	0	0	0	2	1	23	9	96	38	187	75	227	91	203	81	131	53	15	6	6	2	4	2
8	69	24	60	24	71	25	89	33	165	62	254	99	296	115	272	105	198	77	84	30	72	26	73	26
9	1,108	385	963	385	1,120	390	1,190	437	1,362	487	1,395	520	1,491	539	1,440	518	1,289	477	1,217	429	1,086	396	1,108	385
10	0	0	0	0	13	5	130	52	254	102	336	134	383	153	333	133	229	92	109	43	27	11	0	0
11	0	0	0	0	13	5	130	52	254	102	336	134	383	153	333	133	229	92	109	43	27	11	0	0
12	0	0	0	0	13	5	130	52	254	102	336	134	383	153	333	133	229	92	109	43	27	11	0	0
13	0	0	3	1	44	18	196	78	323	129	430	172	512	205	484	194	331	132	182	73	54	21	31	13
14	0	0	3	1	44	18	196	78	323	129	430	172	512	205	484	194	331	132	182	73	54	21	31	13
15	0	0	3	1	44	18	196	78	323	129	430	172	512	205	484	194	331	132	182	73	54	21	31	13
16	0	0	3	1	44	18	196	78	323	129	430	172	512	205	484	194	331	132	182	73	54	21	31	13
17	0	0	6	3	44	18	129	52	275	110	371	148	445	178	396	159	296	118	158	63	35	14	13	5
18	0	0	6	3	44	18	129	52	275	110	371	148	445	178	396	159	296	118	158	63	35	14	13	5
19	0	0	6	3	44	18	129	52	275	110	371	148	445	178	396	159	296	118	158	63	35	14	13	5
20	0	0	6	3	44	18	129	52	275	110	371	148	445	178	396	159	296	118	158	63	35	14	13	5
21	0	0	0	0	16	6	66	26	148	59	245	98	290	116	249	99	178	71	64	26	23	9	3	1
22	0	0	0	0	16	6	66	26	148	59	245	98	290	116	249	99	178	71	64	26	23	9	3	1
23	1,108	385	963	385	1,124	392	1,126	412	1,256	444	1,304	483	1,398	501	1,357	485	1,238	456	1,172	411	1,083	395	1,111	387
24	69	24	60	24	85	30	132	50	217	83	311	122	360	140	318	124	244	95	134	50	90	33	72	25
	2,354	819	2,085	834	2,828	1,008	4,429	1,690	6,924	2,647	9,109	3,562	10,567	4,104	9,635	3,731	7,294	2,836	4,463	1,662	2,828	1,049	2,558	900

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**GENERAL DATA**

Customer: <b>DSW</b>	Facility Type <b>Large Box Retail</b>
Location: <b>2701 Edmondson Rd, Cincinnati, OH 45209</b>	Cooling Balance Point
Location Name: <b>29177</b>	Default 25°F <input checked="" type="radio"/>
Gross Sqft: <b>35,500 sf</b>	User Defined 20°F <input type="radio"/>
Use Default % Areas <b>Y</b>	



**INDIVIDUAL HVAC DATA**

HVAC Equipment	Ton	cfm	Fan Hp	kw/Ton	Heating Output	Gas Eff (%)	Heat Pump COP	Heat Pump - Elec	Motor Eff	Zone
1 RTU-1	10.0	3,800	5.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
2 RTU-2	10.0	3,800	5.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
3 RTU-3	10.0	3,800	5.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
4 RTU-4	10.0	3,800	5.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
5 RTU-5	10.0	3,800	5.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
6 RTU-6	15.0	6,000	7.5	1.07	360,000	83.0%			91.7%	Retail Sales Space
7 RTU-7	7.5	3,000	3.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
8 RTU-8	7.5	3,000	3.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
9 RTU-9	3.0	1,250	1.0	0.92	105,000	80.0%			85.5%	Retail Sales Space
10 RTU-10	15.0	6,000	7.5	1.07	360,000	83.0%			91.7%	Conditioned Storage
11 RTU-11	15.0	6,000	7.5	1.07	360,000	83.0%			91.7%	Conditioned Storage
12 RTU-12	5.0	2,000	3.0	0.92	105,000	80.0%			89.5%	Conditioned Storage
13 RTU-13	3.0	1,250	1.0	0.92	105,000	80.0%			85.5%	Office/Employee Space
14										
15										
Totals	121.0 Tons	47,500	58.5	126.5 kW						
	293 sf/Ton			3.56 W/sf						

**HEATING EQUIPMENT**

Zone	Tons per Zone	Furnace Type	Heating Output	Gas Eff (%)	Heat Pump COP	Heat Pump - Elec	% of Capacity
1 Retail Sales Space	83.0	Natural Gas	1,725,000	80.3%			80.0%
2 Office/Employee Space	3.0	Natural Gas	105,000	80.0%			80.0%
3 Conditioned Storage	35.0	Natural Gas	825,000	82.0%			80.0%
	121.0 Tons			Only if Nat. Gas	Only if HP	Only if HP	% Actual Load to Capacity

**SUPPLY FAN DATA**

Zone	Zone Fan Hp	Fan % Load	cfm	Motor Eff	Min Air Flow	SqFt (default)	SqFt (Actual)
1 Retail Sales Space	39.5	75.0%	32,250	89.3%		30,104	
2 Office/Employee Space	1.0	75.0%	1,250	85.5%		746	
3 Conditioned Storage	18.0	75.0%	14,000	91.0%		4,651	
	58.5		47,500		only if Variable	35,501	0

**SYSTEM CONTROLS**

Cooling OFF @ OSA Temp (°F)	60.0°F
Heating ON @ OSA Temp (°F)	60.0°F

**LIGHTING EQUIPMENT**

Lighting	Model	Watts/Fix	Watts/sf	Fixture Count	kW	Zone	Fixture Count using default
1 T8 2 Lamp Fixtures	Sylvania F48	60	2.00		60.21	Retail Sales Space	1003
2 T8 2 Lamp Fixtures	Sylvania F48	60	0.60		2.79	Conditioned Storage	47
3 T8 2 Lamp Fixtures	Sylvania F48	60	1.30		0.97	Office/Employee Space	16
4 Incandescent		60	0.20	1	0.06	Exterior	118
5							
6							

**Confidential**

Note: Watts/sf are eQuest Defaults, kW will use (W/sf x % Zone Area) or (W/Fix x Fix # if quantities are Available)

1	64.03	1.80 W/sf -Average	1184
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Confidential



Customer: DSW  
 Location: 29177  
 35,500 sf

Use Prorated Savings		kWh	Yes	kW	Yes
<b>Existing Energy Use</b>					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29177	01/01/10	31	34,357	\$ 80.80	\$1,993.67
29177	02/01/10	28	31,495	\$ 89.00	\$2,418.26
29177	03/01/10	31	36,707	\$ 111.80	\$2,818.10
29177	04/01/10	30	34,849	\$ 108.30	\$2,675.51
29177	05/01/10	31	40,257	\$ 128.30	\$3,091.36
29177	06/01/10	30	47,381	\$ 149.40	\$3,637.31
29177	07/01/10	31	45,110	\$ 140.00	\$3,163.06
29177	08/01/10	31	40,784	\$ 148.50	\$3,134.08
29177	09/01/10	30	38,293	\$ 135.80	\$2,951.77
29177	10/01/10	31	29,492	\$ 103.50	\$2,265.12
29177	11/01/10	30	29,318	\$ 86.20	\$2,251.44
29177	12/01/10	31	31,143	\$ 78.70	\$2,391.98
<b>Totals</b>		<b>365</b>	<b>439,186</b>	<b>1360.3</b>	<b>\$32,791.66</b>
			12.37-kWh/sf	3.19-W/sf	\$0.92/sf

<b>Existing Energy Use</b>					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29177	01/01/10	31	34,357	80.8	\$1,993.67
29177	02/01/10	28	31,495	89	\$2,418.26
29177	03/01/10	31	36,707	111.8	\$2,818.10
29177	04/01/10	30	34,849	108.3	\$2,675.51
29177	05/01/10	31	40,257	128.3	\$3,091.36
29177	06/01/10	30	47,381	149.4	\$3,637.31
29177	07/01/10	31	45,110	140	\$3,163.06
29177	08/01/10	31	40,784	148.5	\$3,134.08
29177	09/01/10	30	38,293	135.8	\$2,951.77
29177	10/01/10	31	29,492	103.5	\$2,265.12
29177	11/01/10	30	29,318	86.2	\$2,251.44
29177	12/01/10	31	31,143	78.7	\$2,391.98
<b>Totals</b>		<b>365</b>	<b>439,186</b>	<b>1360.3</b>	<b>\$32,791.66</b>

		Summer	\$0.13265	\$12.00	On-Peak 9		
		Winter	\$0.10000	\$10.00	Time Frame 21		
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings	
w	1,599	4.7%	35.2	43.5%	\$511.69	25.7%	
w	1,492	4.7%	33.2	37.3%	\$481.38	19.9%	
w	2,052	5.6%	35.9	32.1%	\$564.18	20.0%	
w	3,040	8.7%	32.7	30.2%	\$630.71	23.6%	
w	4,540	11.3%	46.6	36.3%	\$919.92	29.8%	
s	6,221	13.1%	51.7	34.6%	\$1,445.20	39.7%	
s	6,392	14.2%	51.1	36.5%	\$1,461.17	46.2%	
s	5,463	13.4%	53.9	36.3%	\$1,371.74	43.8%	
s	4,558	11.9%	49.3	36.3%	\$1,196.40	40.5%	
w	2,468	8.4%	36.7	35.5%	\$614.16	27.1%	
w	1,709	5.8%	27.7	32.1%	\$447.60	19.9%	
w	1,579	5.1%	29.4	37.3%	\$451.61	18.9%	
<b>Totals</b>		<b>41,113</b>	<b>9.4%</b>	<b>483.3</b>	<b>35.5%</b>	<b>\$10,095.77</b>	<b>30.8%</b>

<b>HVAC Only Savings</b>							
		Summer	\$0.13265	\$12.00	On-Peak 9		
		Winter	\$0.10000	\$10.00	Time Frame 21		
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings	
w	0	0.0%	0.0	0.0%	\$0.00	0.0%	
w	28	0.1%	12.7	14.3%	\$130.06	5.4%	
w	374	1.0%	11.4	10.2%	\$151.16	5.4%	
w	1,572	4.5%	11.8	10.9%	\$275.27	10.3%	
w	3,146	7.8%	17.7	13.8%	\$491.28	15.9%	
s	4,830	10.2%	20.3	13.6%	\$884.15	24.3%	
s	5,130	11.4%	19.3	13.8%	\$911.85	28.8%	
s	4,280	10.5%	20.4	13.8%	\$813.16	25.9%	
s	3,287	8.6%	18.7	13.8%	\$660.34	22.4%	
w	1,244	4.2%	11.3	10.9%	\$237.25	10.5%	
w	374	1.3%	5.2	6.0%	\$89.33	4.0%	
w	136	0.4%	11.3	14.3%	\$126.15	5.3%	
<b>Totals</b>		<b>24,404</b>	<b>5.6%</b>	<b>160.0</b>	<b>11.8%</b>	<b>\$4,770.00</b>	<b>14.5%</b>

Confidential



Customer: DSW  
 Location: 29177  
 35,500 sf

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29177	01/01/10	31	34,357	80.8	\$1,993.67
29177	02/01/10	28	31,495	89	\$2,418.26
29177	03/01/10	31	36,707	111.8	\$2,818.10
29177	04/01/10	30	34,849	108.3	\$2,675.51
29177	05/01/10	31	40,257	128.3	\$3,091.36
29177	06/01/10	30	47,381	149.4	\$3,637.31
29177	07/01/10	31	45,110	140	\$3,163.06
29177	08/01/10	31	40,784	148.5	\$3,134.08
29177	09/01/10	30	38,293	135.8	\$2,951.77
29177	10/01/10	31	29,492	103.5	\$2,265.12
29177	11/01/10	30	29,318	86.2	\$2,251.44
29177	12/01/10	31	31,143	78.7	\$2,391.98
<b>Totals</b>		<b>365</b>	<b>439,186</b>	<b>1360.3</b>	<b>\$32,791.66</b>

Lighting Only Savings						
Summer	\$0.13265		\$12.00		On-Peak 9	
Winter	\$0.10000		\$10.00		Time Frame 21	
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	1,599	4.7%	35.2	43.5%	\$511.69	25.7%
w	1,464	4.6%	33.2	37.3%	\$478.55	19.8%
w	1,679	4.6%	29.7	26.6%	\$464.82	16.5%
w	1,468	4.2%	26.6	24.6%	\$413.12	15.4%
w	1,394	3.5%	29.2	22.7%	\$431.10	13.9%
s	1,391	2.9%	34.0	22.7%	\$592.17	16.3%
s	1,261	2.8%	31.8	22.7%	\$549.32	17.4%
s	1,182	2.9%	33.8	22.7%	\$562.00	17.9%
s	1,271	3.3%	30.9	22.7%	\$539.20	18.3%
w	1,224	4.1%	25.5	24.6%	\$376.92	16.6%
w	1,334	4.6%	22.9	26.6%	\$362.38	16.1%
w	1,443	4.6%	29.4	37.3%	\$437.97	18.3%
<b>Totals</b>	<b>16,709</b>	<b>3.8%</b>	<b>362.1</b>	<b>26.6%</b>	<b>\$5,719.24</b>	<b>17.4%</b>

CUSTOMER: DSW: at LOCATION: 29177			11. SYSTEM OPERATION				12. OCCUPANCY PROFILE					
ZONE 1 - RETAIL SALES SPACE			HVAC OPTION		EXISTING*				PROPOSED*			
			EXISTING	PROPOSED	Hr.	M - F	S - S	M - F	S - S	Hr.	%Design Occupancy	
											M - F	S - S
1.	ECONOMIZER		Temperature	Temperature								
	Minimum OSA %		25%	25%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
	Coil Discharge temp (°F)		55	55	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
	Mixed Air Setpoint (°F)		55	55	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
	Low Limit (°F)		45	45	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
	High Limit (°F)		68	68	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
	Enthalpy Limit (Btu/lb)				6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%
2.	kW /Ton (of Compressor & Cond Fan)		1.05	1.05	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	10%	10%
3.	Supply Air Flow (CFM)		32,250	32,250	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	25%	25%
4.	Supply Fan Control		CV-Continuous	CV-Continuous	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	50%	50%
	Minimum Air Flow (%)		100.00%	100.00%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
	Motor Efficiency (%)		89.30%	89.30%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
5.	Gas Furnace - Thermal Efficiency (%)		80.33%	80.33%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
	Heat Pump - HCOP (rated at 47°F OSA)				13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
6.	OCCUPIED				14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
	Cooling Setpoint (°F)		70	72	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
	Heating Setpoint (°F)		68	68	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
	UNOCCUPIED				17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
	Cooling Setpoint (°F)		70	80	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
	Heating Setpoint (°F)		68	60	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
7.	OSA Damper Closed at Night?		No	No	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	50%	50%
8.	Fan Operation at Night?		CV-Cycling	CV-Cycling	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	25%	25%
9.	CO <sub>2</sub> Sensors?		No	Yes	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	10%	10%
	OSA % @ Max Occupancy				23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	10%	10%
	OSA % @ Min Occupancy				24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	5%	5%
10.	% Internal Load at Night		15.0%	15.0%	* Check if ON							



CUSTOMER: DSW: at LOCATION: 29177												
ZONE 1 - RETAIL SALES SPACE			13. EXISTING LIGHTING PROFILE			14. LIGHTING OPERATION				15. PROPOSED LIGHT PROFILE		
			% Fixtures On			EXISTING*		PROPOSED*		% Fixtures On		
Hr.	M - F	S - S	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S		
1	0%	0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%		
2	0%	0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%		
3	0%	0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%		
4	0%	0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%		
5	0%	0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%		
6	0%	0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%		
7	0%	0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%		
8	0%	0%	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%		
9	100%	100%	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	0%	0%		
10	100%	100%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%		
11	100%	100%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%		
12	100%	100%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%		
13	100%	100%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%		
14	100%	100%	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%		
15	100%	100%	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%		
16	100%	100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%		
17	100%	100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%		
18	100%	100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%		
19	100%	100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%		
20	100%	100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%		
21	100%	100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%		
22	100%	100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%		
23	100%	100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23	0%	0%		
24	0%	0%	24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	0%	0%		

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29177			11. SYSTEM OPERATION				12. OCCUPANCY PROFILE					
ZONE 2 - OFFICE/EMPLOYEE SPACE			HVAC OPTION		EXISTING*				PROPOSED*			
			EXISTING	PROPOSED	Hr.	M - F	S - S	M - F	S - S	Hr.	%Design Occupancy	
											M - F	S - S
1.	ECONOMIZER		Temperature	Temperature								
	Minimum OSA %		25%	25%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
	Coil Discharge temp (°F)		55	55	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
	Mixed Air Setpoint (°F)		55	55	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
	Low Limit (°F)		45	45	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
	High Limit (°F)		68	68	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
	Enthalpy Limit (Btu/lb)				6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	10%	10%
2.	kW /Ton (of Compressor & Cond Fan)		0.92	0.92	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	25%	25%
3.	Supply Air Flow (CFM)		1,250	1,250	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	50%	50%
4.	Supply Fan Control		CV-Continuous	CV-Continuous	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	75%	75%
	Minimum Air Flow (%)		100.00%	100.00%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
	Motor Efficiency (%)		89.50%	89.50%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
5.	Gas Furnace - Thermal Efficiency (%)		80.00%	80.00%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
	Heat Pump - HCOP (rated at 47°F OSA)				13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
6.	OCCUPIED				14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
	Cooling Setpoint (°F)		70	72	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
	Heating Setpoint (°F)		68	68	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
	UNOCCUPIED				17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
	Cooling Setpoint (°F)		70	80	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
	Heating Setpoint (°F)		68	60	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
7.	OSA Damper Closed at Night?		No	No	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%
8.	Fan Operation at Night?		CV-Cycling	CV-Cycling	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	75%	75%
9.	CO <sub>2</sub> Sensors?		No	Yes	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	50%	50%
	OSA % @ Max Occupancy				23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	25%	25%
	OSA % @ Min Occupancy				24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	10%	10%
10.	% Internal Load at Night		25.0%	25.0%	* Check if ON							

CUSTOMER: DSW: at LOCATION: 29177											
ZONE 2 - OFFICE/EMPLOYEE SPACE	13. EXISTING LIGHTING PROFILE			14. LIGHTING OPERATION				15. PROPOSED LIGHT PROFILE			
	% Fixtures On			EXISTING*		PROPOSED*		% Fixtures On			
	Hr.	M - F	S - S	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S
1	0%		0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
2	0%		0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
3	0%		0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
4	0%		0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
5	0%		0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
6	0%		0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%
7	0%		0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%
8	100%		100%	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%
9	100%		100%	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	100%	100%
10	100%		100%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
11	100%		100%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
12	100%		100%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
13	100%		100%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
14	100%		100%	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
15	100%		100%	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
16	100%		100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
17	100%		100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
18	100%		100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
19	100%		100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
20	100%		100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%
21	100%		100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%
22	100%		100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%
23	100%		100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	100%	100%
24	100%		100%	24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	0%	0%

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29177													
ZONE 3 - CONDITIONED STORAGE			HVAC OPTION		11. SYSTEM OPERATION				12. OCCUPANCY PROFILE				
			EXISTING	PROPOSED	EXISTING*		PROPOSED*		%Design Occupancy				
			Temperature	Temperature	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S	S - S
1.	ECONOMIZER		Temperature	Temperature	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%	
	Minimum OSA %		25%	25%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%	
	Coil Discharge temp (°F)		55	55	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%	
	Mixed Air Setpoint (°F)		55	55	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%	
	Low Limit (°F)		45	45	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%	
	High Limit (°F)		68	68	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	10%	10%	
	Enthalpy Limit (Btu/lb)				7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	25%	25%	
2.	kW /Ton (of Compressor & Cond Fan)		1.05	1.05	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	50%	50%	
3.	Supply Air Flow (CFM)		14,000	14,000	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	75%	75%	
4.	Supply Fan Control		CV-Continuous	CV-Continuous	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%	
	Minimum Air Flow (%)		100.00%	100.00%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%	
	Motor Efficiency (%)		90.97%	90.97%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%	
5.	Gas Furnace - Thermal Efficiency (%)		82.00%	82.00%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%	
	Heat Pump - HCOP (rated at 47°F OSA)				14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%	
6.	OCCUPIED				15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%	
	Cooling Setpoint (°F)		70	72	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%	
	Heating Setpoint (°F)		68	68	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%	
	UNOCCUPIED				18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%	
	Cooling Setpoint (°F)		70	80	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%	
	Heating Setpoint (°F)		68	60	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%	
7.	OSA Damper Closed at Night?		No	No	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	75%	75%	
8.	Fan Operation at Night?		CV-Cycling	CV-Cycling	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	50%	50%	
9.	CO <sub>2</sub> Sensors?		No	Yes	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	25%	25%	
	OSA % @ Max Occupancy				24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	10%	10%	
	OSA % @ Min Occupancy												
10.	% Internal Load at Night		25.0%	25.0%									

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29177											
ZONE 3 - CONDITIONED STORAGE	13. EXISTING LIGHTING PROFILE			14. LIGHTING OPERATION				15. PROPOSED LIGHT PROFILE			
	% Fixtures On			EXISTING*		PROPOSED*		% Fixtures On			
	Hr.	M - F	S - S	Hr.	M - F	S - S	Hr.	M - F	S - S		
	1	0%	0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
	2	0%	0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
	3	0%	0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
	4	0%	0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
	5	0%	0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
	6	0%	0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%
	7	0%	0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%
	8	100%	100%	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%
	9	100%	100%	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	100%	100%
	10	100%	100%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
	11	100%	100%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
	12	100%	100%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
	13	100%	100%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
	14	100%	100%	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
	15	100%	100%	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
	16	100%	100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
	17	100%	100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
	18	100%	100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
	19	100%	100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
	20	100%	100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%
	21	100%	100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%
	22	100%	100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%
	23	100%	100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	100%	100%
	24	100%	100%	24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	0%	0%

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29177

**ZONE 4 - EXTERIOR LIGHTING**

**1. EXISTING LIGHTING PROFILE**

Hr.	% Fixtures On	
	M - F	S - S
1	0%	0%
2	0%	0%
3	0%	0%
4	0%	0%
5	0%	0%
6	0%	0%
7	0%	0%
8	0%	0%
9	0%	0%
10	0%	0%
11	0%	0%
12	0%	0%
13	0%	0%
14	0%	0%
15	0%	0%
16	100%	100%
17	100%	100%
18	100%	100%
19	100%	100%
20	100%	100%
21	100%	100%
22	100%	100%
23	100%	100%
24	100%	100%

**12. LIGHTING OPERATION**

Hr.	EXISTING*		PROPOSED*	
	M - F	S - S	M - F	S - S
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

\* Check if ON

**3. PROPOSED LIGHT PROFILE**

Hr.	% Fixtures On	
	M - F	S - S
1	0%	0%
2	0%	0%
3	0%	0%
4	0%	0%
5	0%	0%
6	0%	0%
7	0%	0%
8	0%	0%
9	0%	0%
10	0%	0%
11	0%	0%
12	0%	0%
13	0%	0%
14	0%	0%
15	0%	0%
16	100%	100%
17	100%	100%
18	100%	100%
19	100%	100%
20	100%	100%
21	100%	100%
22	100%	100%
23	100%	100%
24	100%	100%



Customer: DSW  
Location: 29177

HR	Savings HVAC Demand (kW)																									
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC			
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE		
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.19	25.19	28.08	28.08	28.08	28.08	28.08	28.08	25.19	25.19	0.00	0.00	0.00	0.00	0.00	0.00		
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.19	25.19	28.08	28.08	28.08	28.08	28.08	28.08	25.19	25.19	0.00	0.00	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.19	25.19	28.08	28.08	28.08	28.08	28.08	28.08	25.19	25.19	0.00	0.00	0.00	0.00	0.00	0.00		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.19	25.19	28.08	28.08	28.08	28.08	28.08	28.08	25.19	25.19	0.00	0.00	0.00	0.00	0.00	0.00		
5	0.00	0.00	0.00	0.00	14.49	14.49	14.49	14.49	27.23	27.23	37.96	37.96	27.23	27.23	27.23	27.23	18.55	18.55	14.49	14.49	14.49	14.49	14.49	14.49		
6	0.00	0.00	0.00	0.00	14.49	14.49	14.49	14.49	27.23	27.23	37.96	37.96	27.23	27.23	27.23	27.23	18.55	18.55	14.49	14.49	14.49	14.49	14.49	14.49		
7	0.00	0.00	0.00	0.00	14.49	14.49	14.49	14.49	27.23	27.23	37.96	37.96	27.23	27.23	27.23	27.23	18.55	18.55	14.49	14.49	14.49	14.49	14.49	14.49		
8	0.00	0.00	0.00	0.00	14.49	14.49	14.49	14.49	27.23	27.23	37.96	37.96	27.23	27.23	27.23	27.23	18.55	18.55	14.49	14.49	14.49	14.49	14.49	14.49		
9	0.00	0.00	0.00	0.00	12.56	12.56	13.64	13.64	35.95	35.95	31.35	31.35	36.46	36.46	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	0.00	0.00		
10	0.00	0.00	0.00	0.00	12.56	12.56	13.64	13.64	35.95	35.95	31.35	31.35	36.46	36.46	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	0.00	0.00		
11	0.00	0.00	0.00	0.00	12.56	12.56	13.64	13.64	35.95	35.95	31.35	31.35	36.46	36.46	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	0.00	0.00		
12	0.00	0.00	0.00	0.00	12.56	12.56	13.64	13.64	35.95	35.95	31.35	31.35	36.46	36.46	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	0.00	0.00		
13	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	36.46	36.46	31.35	31.35	31.35	31.35	36.46	36.46	36.46	36.46	26.68	26.68	13.64	13.64	23.06	23.06		
14	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	36.46	36.46	31.35	31.35	31.35	31.35	36.46	36.46	36.46	36.46	26.68	26.68	13.64	13.64	23.06	23.06		
15	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	36.46	36.46	31.35	31.35	31.35	31.35	36.46	36.46	36.46	36.46	26.68	26.68	13.64	13.64	23.06	23.06		
16	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	36.46	36.46	31.35	31.35	31.35	31.35	36.46	36.46	36.46	36.46	26.68	26.68	13.64	13.64	23.06	23.06		
17	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	35.95	35.95	31.35	31.35	36.46	36.46	36.46	36.46	36.46	36.46	26.68	26.68	12.56	12.56	23.06	23.06		
18	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	35.95	35.95	31.35	31.35	36.46	36.46	36.46	36.46	36.46	36.46	26.68	26.68	12.56	12.56	23.06	23.06		
19	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	35.95	35.95	31.35	31.35	36.46	36.46	36.46	36.46	36.46	36.46	26.68	26.68	12.56	12.56	23.06	23.06		
20	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	35.95	35.95	31.35	31.35	36.46	36.46	36.46	36.46	36.46	36.46	26.68	26.68	12.56	12.56	23.06	23.06		
21	0.00	0.00	0.00	0.00	23.06	23.06	12.56	12.56	13.64	13.64	35.95	35.95	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	12.56	12.56	23.06	23.06		
22	0.00	0.00	0.00	0.00	23.06	23.06	12.56	12.56	13.64	13.64	35.95	35.95	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	12.56	12.56	23.06	23.06		
23	0.00	0.00	0.00	0.00	23.06	23.06	12.56	12.56	13.64	13.64	35.95	35.95	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	12.56	12.56	23.06	23.06		
24	0.00	0.00	0.00	0.00	23.06	23.06	12.56	12.56	13.64	13.64	35.95	35.95	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	12.56	12.56	23.06	23.06		
	0.00	0.00	23.06	23.06	23.06	23.06	26.68	26.68	36.46	36.46	37.96	37.96	36.46	36.46	36.46	36.46	36.46	36.46	36.46	36.46	26.68	26.68	14.49	14.49	23.06	23.06

HR	Existing HVAC Energy (kWh)																							
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	1,644	658	1,485	594	1,644	658	1,591	636	1,736	694	1,965	786	2,158	863	1,991	796	1,846	739	1,644	658	1,591	636	1,644	658
2	1,644	658	1,485	594	1,644	658	1,591	636	1,736	694	1,965	786	2,158	863	1,991	796	1,846	739	1,644	658	1,591	636	1,644	658
3	1,644	658	1,485	594	1,644	658	1,591	636	1,736	694	1,965	786	2,158	863	1,991	796	1,846	739	1,644	658	1,591	636	1,644	658
4	1,644	658	1,485	594	1,644	658	1,591	636	1,736	694	1,965	786	2,158	863	1,991	796	1,846	739	1,644	658	1,591	636	1,644	658
5	1,644	658	1,485	594	1,647	659	1,622	649	1,902	761	2,336	935	2,533	1,013	2,320	928	2,061	824	1,665	666	1,599	639	1,649	660
6	1,644	658	1,485	594	1,647	659	1,622	649	1,902	761	2,336	935	2,533	1,013	2,320	928	2,061	824	1,665	666	1,599	639	1,649	660
7	1,644	658	1,485	594	1,647	659	1,622	649	1,902	761	2,336	935	2,533	1,013	2,320	928	2,061	824	1,665	666	1,599	639	1,649	660
8	1,644	658	1,485	594	1,647	659	1,622	649	1,902	761	2,336	935	2,533	1,013	2,320	928	2,061	824	1,665	666	1,599	639	1,649	660
9	1,644	658	1,485	594	1,678	671	1,846	738	2,858	1,143	3,448	1,379	3,909	1,563	3,677	1,471	2,847	1,139	1,998	799	1,635	654	1,644	658
10	1,644	658	1,485	594	1,678	671	1,846	738	2,858	1,143	3,448	1,379	3,909	1,563	3,677	1,471	2,847	1,139	1,998	799	1,635	654	1,644	658
11	1,644	658	1,485	594	1,678	671	1,846	738	2,858	1,143	3,448	1,379	3,909	1,563	3,677	1,471	2,847	1,139	1,998	799	1,635	654	1,644	658
12	1,644	658	1,485	594	1,678	671	1,846	738	2,858	1,143	3,448	1,379	3,909	1,563	3,677	1,471	2,847	1,139	1,998	799	1,635	654	1,644	658
13	1,644	658	1,489	596	1,757	703	2,302	921	3,267	1,307	3,813	1,525	4,141	1,656	4,107	1,643	3,323	1,329	2,566	1,026	1,751	700	1,685	674
14	1,644	658	1,489	596	1,757	703	2,302	921	3,267	1,307	3,813	1,525	4,141	1,656	4,107	1,643	3,323	1,329	2,566	1,026	1,751	700	1,685	674
15	1,644	658	1,489	596	1,757	703	2,302	921	3,267	1,307	3,813	1,525	4,141	1,656	4,107	1,643	3,323	1,329	2,566	1,026	1,751	700	1,685	674
16	1,644	658	1,489	596	1,757	703	2,302	921	3,267	1,307	3,813	1,525	4,141	1,656	4,107	1,643	3,323	1,329	2,566	1,026	1,751	700	1,685	674
17	1,644	658	1,493	597	1,742	697	2,035	814	3,094	1,237	3,664	1,466	4,022	1,609	3,904	1,562	3,007	1,203	2,085	834	1,654	662	1,660	664
18	1,644	658	1,493	597	1,742	697	2,035	814	3,094	1,237	3,664	1,466	4,022	1,609	3,904	1,562	3,007	1,203	2,085	834	1,654	662	1,660	664
19	1,644	658	1,493	597	1,742	697	2,035	814	3,094	1,237	3,664	1,466	4,022	1,609	3,904	1,562	3,007	1,203	2,085	834	1,654	662	1,660	664
20	1,644	658	1,493	597	1,742	697	2,035	814	3,094	1,237	3,664	1,466	4,022	1,609	3,904	1,562	3,007	1,203	2,085	834	1,654	662	1,660	664
21	1,644	658	1,485	594	1,665	666	1,695	678	2,244	897	2,934	1,173	3,207	1,283	3,077	1,231	2,374	950	1,755	702	1,648	659	1,648	659
22	1,644	658	1,485	594	1,665	666	1,695	678	2,244	897	2,934	1,173	3,207	1,283	3,077	1,231	2,374	950	1,755	702	1,648	659	1,648	659
23	1,644	658	1,485	594	1,665	666	1,695	678	2,244	897	2,934	1,1												



Customer: DSW  
 Location: 29177

Proposed HVAC Energy (kWh)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	1,644	658	1,485	594	1,644	658	1,591	636	1,664	666	1,738	695	1,855	742	1,751	700	1,698	679	1,644	658	1,591	636	1,644	658
2	1,644	658	1,485	594	1,644	658	1,591	636	1,664	666	1,738	695	1,855	742	1,751	700	1,698	679	1,644	658	1,591	636	1,644	658
3	1,644	658	1,485	594	1,644	658	1,591	636	1,664	666	1,738	695	1,855	742	1,751	700	1,698	679	1,644	658	1,591	636	1,644	658
4	1,644	658	1,485	594	1,644	658	1,591	636	1,664	666	1,738	695	1,855	742	1,751	700	1,698	679	1,644	658	1,591	636	1,644	658
5	1,644	658	1,485	594	1,644	658	1,591	636	1,766	707	2,067	827	2,208	883	2,032	813	1,875	750	1,644	658	1,591	636	1,644	658
6	1,644	658	1,485	594	1,644	658	1,591	636	1,766	707	2,067	827	2,208	883	2,032	813	1,875	750	1,644	658	1,591	636	1,644	658
7	1,644	658	1,485	594	1,644	658	1,591	636	1,766	707	2,067	827	2,208	883	2,032	813	1,875	750	1,644	658	1,591	636	1,644	658
8	1,644	658	1,485	594	1,644	658	1,591	636	1,766	707	2,067	827	2,208	883	2,032	813	1,875	750	1,644	658	1,591	636	1,644	658
9	1,644	658	1,485	594	1,661	664	1,673	669	2,504	1,001	2,982	1,193	3,366	1,346	3,204	1,282	2,524	1,010	1,850	740	1,600	640	1,644	658
10	1,644	658	1,485	594	1,661	664	1,673	669	2,504	1,001	2,982	1,193	3,366	1,346	3,204	1,282	2,524	1,010	1,850	740	1,600	640	1,644	658
11	1,644	658	1,485	594	1,661	664	1,673	669	2,504	1,001	2,982	1,193	3,366	1,346	3,204	1,282	2,524	1,010	1,850	740	1,600	640	1,644	658
12	1,644	658	1,485	594	1,661	664	1,673	669	2,504	1,001	2,982	1,193	3,366	1,346	3,204	1,282	2,524	1,010	1,850	740	1,600	640	1,644	658
13	1,644	658	1,485	594	1,697	679	2,034	814	2,818	1,127	3,244	1,298	3,460	1,384	3,454	1,382	2,866	1,146	2,311	924	1,679	672	1,644	658
14	1,644	658	1,485	594	1,697	679	2,034	814	2,818	1,127	3,244	1,298	3,460	1,384	3,454	1,382	2,866	1,146	2,311	924	1,679	672	1,644	658
15	1,644	658	1,485	594	1,697	679	2,034	814	2,818	1,127	3,244	1,298	3,460	1,384	3,454	1,382	2,866	1,146	2,311	924	1,679	672	1,644	658
16	1,644	658	1,485	594	1,697	679	2,034	814	2,818	1,127	3,244	1,298	3,460	1,384	3,454	1,382	2,866	1,146	2,311	924	1,679	672	1,644	658
17	1,644	658	1,485	594	1,683	673	1,859	744	2,708	1,083	3,160	1,264	3,405	1,362	3,346	1,338	2,597	1,039	1,873	749	1,608	643	1,644	658
18	1,644	658	1,485	594	1,683	673	1,859	744	2,708	1,083	3,160	1,264	3,405	1,362	3,346	1,338	2,597	1,039	1,873	749	1,608	643	1,644	658
19	1,644	658	1,485	594	1,683	673	1,859	744	2,708	1,083	3,160	1,264	3,405	1,362	3,346	1,338	2,597	1,039	1,873	749	1,608	643	1,644	658
20	1,644	658	1,485	594	1,683	673	1,859	744	2,708	1,083	3,160	1,264	3,405	1,362	3,346	1,338	2,597	1,039	1,873	749	1,608	643	1,644	658
21	1,644	658	1,485	594	1,644	658	1,608	643	2,041	816	2,589	1,036	2,797	1,119	2,725	1,090	2,127	851	1,670	668	1,617	647	1,644	658
22	1,644	658	1,485	594	1,644	658	1,608	643	2,041	816	2,589	1,036	2,797	1,119	2,725	1,090	2,127	851	1,670	668	1,617	647	1,644	658
23	1,644	658	1,485	594	1,644	658	1,608	643	2,041	816	2,589	1,036	2,797	1,119	2,725	1,090	2,127	851	1,670	668	1,617	647	1,644	658
24	1,644	658	1,485	594	1,644	658	1,608	643	2,041	816	2,589	1,036	2,797	1,119	2,725	1,090	2,127	851	1,670	668	1,617	647	1,644	658
	39,456	15,782	35,638	14,255	39,895	15,958	41,426	16,570	54,003	21,601	63,125	25,250	68,361	27,344	66,048	26,419	54,745	21,898	43,968	17,587	38,741	15,496	39,456	15,782

Savings HVAC Energy (kWh)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	72	29	227	91	303	121	240	96	148	59	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	72	29	227	91	303	121	240	96	148	59	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	72	29	227	91	303	121	240	96	148	59	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	72	29	227	91	303	121	240	96	148	59	0	0	0	0	0	0
5	0	0	0	0	3	1	31	12	135	54	269	108	326	130	288	115	186	75	21	8	8	3	5	2
6	0	0	0	0	3	1	31	12	135	54	269	108	326	130	288	115	186	75	21	8	8	3	5	2
7	0	0	0	0	3	1	31	12	135	54	269	108	326	130	288	115	186	75	21	8	8	3	5	2
8	0	0	0	0	3	1	31	12	135	54	269	108	326	130	288	115	186	75	21	8	8	3	5	2
9	0	0	0	0	17	7	173	69	354	142	466	186	543	217	473	189	323	129	147	59	35	14	0	0
10	0	0	0	0	17	7	173	69	354	142	466	186	543	217	473	189	323	129	147	59	35	14	0	0
11	0	0	0	0	17	7	173	69	354	142	466	186	543	217	473	189	323	129	147	59	35	14	0	0
12	0	0	0	0	17	7	173	69	354	142	466	186	543	217	473	189	323	129	147	59	35	14	0	0
13	0	0	4	2	59	24	268	107	448	179	569	228	681	272	653	261	457	183	255	102	72	29	41	16
14	0	0	4	2	59	24	268	107	448	179	569	228	681	272	653	261	457	183	255	102	72	29	41	16
15	0	0	4	2	59	24	268	107	448	179	569	228	681	272	653	261	457	183	255	102	72	29	41	16
16	0	0	4	2	59	24	268	107	448	179	569	228	681	272	653	261	457	183	255	102	72	29	41	16
17	0	0	8	3	59	23	176	70	386	154	504	202	617	247	558	223	410	164	212	85	46	18	16	7
18	0	0	8	3	59	23	176	70	386	154	504	202	617	247	558	223	410	164	212	85	46	18	16	7
19	0	0	8	3	59	23	176	70	386	154	504	202	617	247	558	223	410	164	212	85	46	18	16	7
20	0	0	8	3	59	23	176	70	386	154	504	202	617	247	558	223	410	164	212	85	46	18	16	7
21	0	0	0	0	21	8	87	35	203	81	345	138	411	164	352	141	247	99	85	34	31	13	4	2
22	0	0	0	0	21	8	87	35	203	81	345	138	411	164	352	141	247	99	85	34	31	13	4	2
23	0	0	0	0	21	8	87	35	203	81	345	138	411	164	352	141	247	99	85	34	31	13	4	2
24	0	0	0	0	21	8	87	35	203	81	345	138	411	164	352	141	247	99	85	34	31	13	4	2
	0	0	49	20	631	252	2,937	1,175	6,395	2,558	9,520	3,808	11,521	4,609	10,257	4,103	7,086	2,834	2,881	1,152	769	308	268	107





Customer: DSW  
 Location: 29177

HR	Proposed Lighting Energy (kWh)																							
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	86	30	75	30	86	30	83	30	86	30	83	30	86	30	86	30	83	30	86	30	83	30	86	30
10	1,471	512	1,279	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512
11	1,471	512	1,279	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512
12	1,471	512	1,279	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512
13	1,471	512	1,279	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512
14	1,471	512	1,279	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512
15	1,471	512	1,279	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512	1,471	512	1,407	512	1,471	512	1,407	512	1,471	512
16	1,473	512	1,281	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512
17	1,473	512	1,281	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512
18	1,473	512	1,281	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512
19	1,473	512	1,281	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512
20	1,473	512	1,281	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512
21	1,473	512	1,281	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512
22	1,473	512	1,281	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512	1,473	512	1,409	512	1,473	512	1,409	512	1,473	512
23	88	31	76	31	88	31	84	31	88	31	84	31	88	31	88	31	84	31	88	31	84	31	88	31
24	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
	19,312	6,717	16,793	6,717	19,312	6,717	18,472	6,717	19,312	6,717	18,472	6,717	19,312	6,717	19,312	6,717	18,472	6,717	19,312	6,717	18,472	6,717	19,312	6,717

HR	Savings Lighting Energy (kWh)																							
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	86	30	75	30	86	30	83	30	86	30	83	30	86	30	86	30	83	30	86	30	83	30	86	30
9	1,385	482	1,204	482	1,385	482	1,325	482	1,385	482	1,325	482	1,385	482	1,385	482	1,325	482	1,385	482	1,325	482	1,385	482
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1,385	482	1,204	482	1,385	482	1,325	482	1,385	482	1,325	482	1,385	482	1,385	482	1,325	482	1,385	482	1,325	482	1,385	482
24	86	30	75	30	86	30	83	30	86	30	83	30	86	30	86	30	83	30	86	30	83	30	86	30
	2,943	1,023	2,559	1,023	2,943	1,023	2,815	1,023	2,943	1,023	2,815	1,023	2,943	1,023	2,943	1,023	2,815	1,023	2,943	1,023	2,815	1,023	2,943	1,023

Customer: DSW  
 Location: 29177

HR	Savings HVAC & Lighting Demand (kW)																								
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		
	Jan-WD	Jan-WE	Feb-WD	Feb-WE	Mar-WD	Mar-WE	Apr-WD	Apr-WE	May-WD	May-WE	Jun-WD	Jun-WE	Jul-WD	Jul-WE	Aug-WD	Aug-WE	Sep-WD	Sep-WE	Oct-WD	Oct-WE	Nov-WD	Nov-WE	Dec-WD	Dec-WE	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.19	25.19	28.08	28.08	28.08	28.08	28.08	28.08	25.19	25.19	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.19	25.19	28.08	28.08	28.08	28.08	28.08	28.08	25.19	25.19	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.19	25.19	28.08	28.08	28.08	28.08	28.08	28.08	25.19	25.19	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.19	25.19	28.08	28.08	28.08	28.08	28.08	28.08	25.19	25.19	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	14.49	14.49	14.49	14.49	27.23	27.23	37.96	37.96	27.23	27.23	27.23	27.23	18.55	18.55	14.49	14.49	14.49	14.49	14.49	14.49	
6	0.00	0.00	0.00	0.00	14.49	14.49	14.49	14.49	27.23	27.23	37.96	37.96	27.23	27.23	27.23	27.23	18.55	18.55	14.49	14.49	14.49	14.49	14.49	14.49	
7	0.00	0.00	0.00	0.00	14.49	14.49	14.49	14.49	27.23	27.23	37.96	37.96	27.23	27.23	27.23	27.23	18.55	18.55	14.49	14.49	14.49	14.49	14.49	14.49	
8	3.76	3.76	3.76	3.76	18.25	18.25	18.25	18.25	30.99	30.99	41.72	41.72	30.99	30.99	30.99	30.99	22.31	22.31	18.25	18.25	18.25	18.25	18.25	18.25	
9	60.21	60.21	60.21	60.21	72.77	72.77	73.85	73.85	96.16	96.16	91.56	91.56	96.67	96.67	96.16	96.16	96.16	96.16	86.89	86.89	72.77	72.77	60.21	60.21	
10	0.00	0.00	0.00	0.00	12.56	12.56	13.64	13.64	35.95	35.95	31.35	31.35	36.46	36.46	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	0.00	0.00	
11	0.00	0.00	0.00	0.00	12.56	12.56	13.64	13.64	35.95	35.95	31.35	31.35	36.46	36.46	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	0.00	0.00	
12	0.00	0.00	0.00	0.00	12.56	12.56	13.64	13.64	35.95	35.95	31.35	31.35	36.46	36.46	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	0.00	0.00	
13	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	36.46	36.46	31.35	31.35	31.35	31.35	36.46	36.46	36.46	36.46	26.68	26.68	13.64	13.64	23.06	23.06	
14	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	36.46	36.46	31.35	31.35	31.35	31.35	36.46	36.46	36.46	36.46	26.68	26.68	13.64	13.64	23.06	23.06	
15	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	36.46	36.46	31.35	31.35	31.35	31.35	36.46	36.46	36.46	36.46	26.68	26.68	13.64	13.64	23.06	23.06	
16	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	36.46	36.46	31.35	31.35	31.35	31.35	36.46	36.46	36.46	36.46	26.68	26.68	13.64	13.64	23.06	23.06	
17	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	35.95	35.95	31.35	31.35	36.46	36.46	36.46	36.46	36.46	36.46	26.68	26.68	12.56	12.56	23.06	23.06	
18	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	35.95	35.95	31.35	31.35	36.46	36.46	36.46	36.46	36.46	36.46	26.68	26.68	12.56	12.56	23.06	23.06	
19	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	35.95	35.95	31.35	31.35	36.46	36.46	36.46	36.46	36.46	36.46	26.68	26.68	12.56	12.56	23.06	23.06	
20	0.00	0.00	23.06	23.06	13.64	13.64	26.68	26.68	35.95	35.95	31.35	31.35	36.46	36.46	36.46	36.46	36.46	36.46	26.68	26.68	12.56	12.56	23.06	23.06	
21	0.00	0.00	0.00	0.00	23.06	23.06	12.56	12.56	13.64	13.64	35.95	35.95	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	12.56	12.56	23.06	23.06	
22	0.00	0.00	0.00	0.00	23.06	23.06	12.56	12.56	13.64	13.64	35.95	35.95	35.95	35.95	35.95	35.95	26.68	26.68	12.56	12.56	12.56	12.56	23.06	23.06	
23	60.21	60.21	60.21	60.21	83.27	83.27	72.77	72.77	73.85	73.85	96.16	96.16	96.16	96.16	96.16	96.16	86.89	86.89	72.77	72.77	72.77	72.77	83.27	83.27	
24	3.76	3.76	3.76	3.76	26.82	26.82	16.32	16.32	17.40	17.40	39.71	39.71	39.71	39.71	39.71	39.71	30.44	30.44	16.32	16.32	16.32	16.32	26.82	26.82	
	60.21	60.21	60.21	60.21	83.27	83.27	73.85	73.85	96.16	96.16	96.16	96.16	96.67	96.67	96.16	96.16	96.16	96.16	86.89	86.89	72.77	72.77	83.27	83.27	

HR	Savings HVAC & Lighting Energy (kWh)																								
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	
1	0	0	0	0	0	0	0	0	0	72	29	227	91	303	121	240	96	148	59	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	72	29	227	91	303	121	240	96	148	59	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	72	29	227	91	303	121	240	96	148	59	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	72	29	227	91	303	121	240	96	148	59	0	0	0	0	0	0
5	0	0	0	0	3	1	31	12	135	54	269	108	326	130	288	115	186	75	21	8	8	3	5	2	
6	0	0	0	0	3	1	31	12	135	54	269	108	326	130	288	115	186	75	21	8	8	3	5	2	
7	0	0	0	0	3	1	31	12	135	54	269	108	326	130	288	115	186	75	21	8	8	3	5	2	
8	86	30	75	30	89	31	114	42	222	84	352	138	412	160	374	145	269	105	107	38	90	33	92	32	
9	1,385	482	1,204	482	1,402	488	1,497	551	1,739	623	1,791	668	1,927	699	1,858	671	1,647	611	1,532	541	1,360	496	1,385	482	
10	0	0	0	0	17	7	173	69	354	142	466	186	543	217	473	189	323	129	147	59	35	14	0	0	
11	0	0	0	0	17	7	173	69	354	142	466	186	543	217	473	189	323	129	147	59	35	14	0	0	
12	0	0	0	0	17	7	173	69	354	142	466	186	543	217	473	189	323	129	147	59	35	14	0	0	
13	0	0	4	2	59	24	268	107	448	179	569	228	681	272	653	261	457	183	255	102	72	29	41	16	
14	0	0	4	2	59	24	268	107	448	179	569	228	681	272	653	261	457	183	255	102	72	29	41	16	
15	0	0	4	2	59	24	268	107	448	179	569	228	681	272	653	261	457	183	255	102	72	29	41	16	
16	0	0	4	2	59	24	268	107	448	179	569	228	681	272	653	261	457	183	255	102	72	29	41	16	
17	0	0	8	3	59	23	176	70	386	154	504	202	617	247	558	223	410	164	212	85	46	18	16	7	
18	0	0	8	3	59	23	176	70	386	154	504	202	617	247	558	223	410	164	212	85	46	18	16	7	
19	0	0	8	3	59	23	176	70	386	154	504	202	617	247	558	223	410	164	212	85	46	18	16	7	
20	0	0	8	3	59	23	176	70	386	154	504	202	617	247	558	223	410	164	212	85	46	18	16	7	
21	0	0	0	0	21	8	87	35	203	81	345	138	411	164	352	141	247	99	85	34	31	13	4	2	
22	0	0	0	0	21	8	87	35	203	81	345	138	411	164	352	141	247	99	85	34	31	13	4	2	
23	1,385	482	1,204	482	1,405	490	1,411	516	1,588	563	1,669	619	1,796	646	1,737	622	1,571	580	1,470	516	1,356	494	1,389	483	
24	86	30	75	30	107	38	170	65	290	111	427	168	497	194	438	171	329	129	171	64	114	43	91	32	
	2,943	1,023	2,608	1,043	3,574	1,276	5,752	2,198	9,337	3,581	12,334	4,831	14,464	5,632	13,200	5,126	9,901	3,858	5,823	2,176	3,584	1,331	3,210	1,131	

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**GENERAL DATA**

Customer: <b>DSW</b>	Facility Type <b>Large Box Retail</b>
Location: <b>650 Eastgate South Dr, Cincinnati, OH 45245</b>	Cooling Balance Point
Location Name: <b>29257</b>	Default 25°F <input checked="" type="radio"/>
Gross Sqft: <b>24,643 sf</b>	User Defined 20°F <input type="radio"/>
Use Default % Areas <b>Y</b>	



**INDIVIDUAL HVAC DATA**

	HVAC Equipment	Ton	cfm	Fan Hp	kw/Ton	Heating Output	Gas Eff (%)	Heat Pump COP	Heat Pump - Elec	Motor Eff	Zone
1	RTU-1	5.0	2,000	3.0	0.92	105,000	80.0%			89.5%	Retail Sales Space
2	RTU-2	7.5	3,000	3.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
3	RTU-3	7.5	3,000	3.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
4	RTU-4	7.5	3,000	3.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
5	RTU-5	7.5	3,000	3.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
6	RTU-6	5.0	2,000	3.0	0.92	105,000	80.0%			89.5%	Retail Sales Space
7	RTU-7	6.0	2,500	3.0	1.05	105,000	80.0%			89.5%	Retail Sales Space
8	RTU-8	10.0	3,800	5.0	1.05	180,000	80.0%			89.5%	Retail Sales Space
9	RTU-9		3.0	1,250	1.0	0.92	105,000			85.5%	Conditioned Storage
10			3.0	1,250	1.0	0.92	105,000			85.5%	Office/Employee Space
11											
12											
13											
14											
15											
	Totals	62.0 Tons	24,800	28.0	63.0 kW						
		397 sf/Ton			2.56 W/sf						

**HEATING EQUIPMENT**

	Zone	Tons per Zone	Furnace Type	Heating Output	Gas Eff (%)	Heat Pump COP	Heat Pump - Elec	% of Capacity
1	Retail Sales Space	56.0	Natural Gas	1,215,000	80.0%			80.0%
2	Office/Employee Space	3.0	Natural Gas	105,000	80.0%			80.0%
3	Conditioned Storage	3.0	Natural Gas	105,000	80.0%			80.0%
		62.0 Tons			Only if Nat. Gas	Only if HP	Only if HP	% Actual Load to Capacity

**SUPPLY FAN DATA**

	Zone	Zone Fan Hp	Fan % Load	cfm	Motor Eff	Min Air Flow	SqFt (default)	SqFt (Actual)
1	Retail Sales Space	26.0	75.0%	22,300	89.5%		20,897	
2	Office/Employee Space	1.0	75.0%	1,250	85.5%		518	
3	Conditioned Storage	1.0	75.0%	1,250	85.5%		3,228	
		28.0		24,800		only if Variable	24,643	0

**SYSTEM CONTROLS**

Cooling OFF @ OSA Temp (°F)	60.0°F
Heating ON @ OSA Temp (°F)	60.0°F

**LIGHTING EQUIPMENT**

	Lighting	Model	Watts/Fix	Watts/sf	Fixture Count	kW	Zone	Fixture Count using default
1	T8 2 Lamp Fixtures	Sylvania F48	60	2.00		41.79	Retail Sales Space	697
2	T8 2 Lamp Fixtures	Sylvania F48	60	0.60		1.94	Conditioned Storage	32
3	T8 2 Lamp Fixtures	Sylvania F48	60	1.30		0.67	Office/Employee Space	11
4	Incandescent		60	0.20	1	0.06	Exterior	82
5								
6								

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Note: Watts/sf are eQuest Defaults, kW will use (W/sf x % Zone Area) or (W/Fix x Fix # if quantities are Available)

1	44.46	1.80 W/sf -Average	822
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Confidential



Customer: DSW  
 Location: 29257  
 24,643 sf

Use Prorated Savings	kWh	Yes	kW	Yes	
Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29257	01/01/10	31	28,560	77.52	\$ 2,232.60
29257	02/01/10	28	28,080	67.20	\$ 2,155.24
29257	03/01/10	31	21,941	81.60	\$ 2,118.46
29257	04/01/10	30	26,400	93.60	\$ 1,995.84
29257	05/01/10	31	29,280	91.20	\$ 2,213.57
29257	06/01/10	30	34,800	98.40	\$ 2,630.88
29257	07/01/10	31	37,200	103.20	\$ 2,812.32
29257	08/01/10	31	35,280	98.40	\$ 2,667.17
29257	09/01/10	30	38,880	100.80	\$ 2,939.33
29257	10/01/10	31	30,720	96.00	\$ 2,322.43
29257	11/01/10	30	25,200	84.00	\$ 1,905.12
29257	12/01/10	31	27,600	81.60	\$ 2,086.56
<b>Totals</b>		<b>365</b>	<b>363,941</b>	<b>1073.52</b>	<b>\$28,079.52</b>
			14.77-kWh/sf	3.63-W/sf	\$1.14/sf

Summer	\$0.13265	\$12.00	On-Peak 9			
Winter	\$0.10000	\$10.00	Time Frame 21			
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	1,377	4.8%	34.8	44.8%	\$485.23	21.7%
w	1,374	4.9%	26.5	39.4%	\$402.07	18.7%
w	1,226	5.6%	28.4	34.8%	\$406.97	19.2%
w	2,149	8.1%	31.0	33.1%	\$525.17	26.3%
w	2,973	10.2%	35.1	38.5%	\$648.04	29.3%
s	4,074	11.7%	36.5	37.1%	\$977.95	37.2%
s	4,694	12.6%	39.8	38.6%	\$1,100.66	39.1%
s	4,215	11.9%	37.8	38.5%	\$1,013.29	38.0%
s	4,150	10.7%	38.8	38.5%	\$1,015.80	34.6%
w	2,397	7.8%	35.9	37.4%	\$598.56	25.8%
w	1,456	5.8%	29.3	34.8%	\$438.33	23.0%
w	1,426	5.2%	32.1	39.4%	\$464.05	22.2%
<b>Totals</b>	<b>31,511</b>	<b>8.7%</b>	<b>406.0</b>	<b>37.8%</b>	<b>\$8,076.11</b>	<b>28.8%</b>

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29257	01/01/10	31	28,560	77.52	\$2,232.60
29257	02/01/10	28	28,080	67.2	\$2,155.24
29257	03/01/10	31	21,941	81.6	\$2,118.46
29257	04/01/10	30	26,400	93.6	\$1,995.84
29257	05/01/10	31	29,280	91.2	\$2,213.57
29257	06/01/10	30	34,800	98.4	\$2,630.88
29257	07/01/10	31	37,200	103.2	\$2,812.32
29257	08/01/10	31	35,280	98.4	\$2,667.17
29257	09/01/10	30	38,880	100.8	\$2,939.33
29257	10/01/10	31	30,720	96	\$2,322.43
29257	11/01/10	30	25,200	84	\$1,905.12
29257	12/01/10	31	27,600	81.6	\$2,086.56
<b>Totals</b>		<b>365</b>	<b>363,941</b>	<b>1073.52</b>	<b>\$28,079.52</b>

HVAC Only Savings						
Summer	\$0.13265	\$12.00	On-Peak 9			
Winter	\$0.10000	\$10.00	Time Frame 21			
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	0	0.0%	0.0	0.0%	\$0.00	0.0%
w	21	0.1%	8.2	12.1%	\$83.69	3.9%
w	183	0.8%	7.7	9.4%	\$95.02	4.5%
w	972	3.7%	8.1	8.7%	\$178.21	8.9%
w	1,850	6.3%	10.8	11.8%	\$293.09	13.2%
s	2,904	8.3%	11.5	11.7%	\$523.49	19.9%
s	3,492	9.4%	12.2	11.8%	\$609.94	21.7%
s	3,042	8.6%	11.7	11.8%	\$543.37	20.4%
s	2,708	7.0%	11.9	11.8%	\$502.57	17.1%
w	1,042	3.4%	8.3	8.7%	\$187.31	8.1%
w	262	1.0%	4.0	4.7%	\$65.72	3.4%
w	101	0.4%	9.9	12.1%	\$109.13	5.2%
<b>Totals</b>	<b>16,576</b>	<b>4.6%</b>	<b>104.3</b>	<b>9.7%</b>	<b>\$3,191.54</b>	<b>11.4%</b>



Confidential



Customer: DSW  
 Location: 29257  
 24,643 sf

Existing Energy Use					
Store	Bill Month	Bill Period Days	kWh	kW	Cost
29257	01/01/10	31	28,560	77.52	\$2,232.60
29257	02/01/10	28	28,080	67.2	\$2,155.24
29257	03/01/10	31	21,941	81.6	\$2,118.46
29257	04/01/10	30	26,400	93.6	\$1,995.84
29257	05/01/10	31	29,280	91.2	\$2,213.57
29257	06/01/10	30	34,800	98.4	\$2,630.88
29257	07/01/10	31	37,200	103.2	\$2,812.32
29257	08/01/10	31	35,280	98.4	\$2,667.17
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29257	10/01/10	31	30,720	96	\$2,322.43
29257	11/01/10	30	25,200	84	\$1,905.12
29257	12/01/10	31	27,600	81.6	\$2,086.56
<b>Totals</b>		<b>365</b>	<b>363,941</b>	<b>1073.52</b>	<b>\$28,079.52</b>

Lighting Only Savings						
Summer	\$0.13265		\$12.00		On-Peak 9	
Winter	\$0.10000		\$10.00		Time Frame 21	
	kWh	% kWh Savings	kW	% kW Savings	Cost	% \$ Savings
w	1,377	4.8%	34.8	44.8%	\$485.23	21.7%
w	1,353	4.8%	26.5	39.4%	\$399.97	18.6%
w	1,043	4.8%	24.9	30.5%	\$353.37	16.7%
w	1,177	4.5%	26.9	28.7%	\$386.55	19.4%
w	1,122	3.8%	24.4	26.7%	\$356.18	16.1%
s	1,170	3.4%	26.3	26.7%	\$471.08	17.9%
s	1,202	3.2%	27.6	26.7%	\$490.71	17.4%
s	1,173	3.3%	26.3	26.7%	\$471.52	17.7%
s	1,442	3.7%	27.0	26.7%	\$514.86	17.5%
w	1,355	4.4%	27.6	28.7%	\$411.26	17.7%
w	1,194	4.7%	25.6	30.5%	\$375.73	19.7%
w	1,326	4.8%	32.1	39.4%	\$453.99	21.8%
<b>Totals</b>	<b>14,935</b>	<b>4.1%</b>	<b>330.0</b>	<b>30.7%</b>	<b>\$5,170.45</b>	<b>18.4%</b>

CUSTOMER: DSW: at LOCATION: 29257			11. SYSTEM OPERATION				12. OCCUPANCY PROFILE					
ZONE 1 - RETAIL SALES SPACE			HVAC OPTION		EXISTING*				PROPOSED*			
			EXISTING	PROPOSED	Hr.	M - F	S - S	M - F	S - S	Hr.	%Design Occupancy	
											M - F	S - S
1.	ECONOMIZER		Temperature	Temperature								
	Minimum OSA %		25%	25%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
	Coil Discharge temp (°F)		55	55	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
	Mixed Air Setpoint (°F)		55	55	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
	Low Limit (°F)		45	45	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
	High Limit (°F)		68	68	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
	Enthalpy Limit (Btu/lb)				6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%
2.	kW /Ton (of Compressor & Cond Fan)		1.03	1.03	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	10%	10%
3.	Supply Air Flow (CFM)		22,300	22,300	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	25%	25%
4.	Supply Fan Control		CV-Continuous	CV-Continuous	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	50%	50%
	Minimum Air Flow (%)		100.00%	100.00%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
	Motor Efficiency (%)		89.50%	89.50%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
5.	Gas Furnace - Thermal Efficiency (%)		80.00%	80.00%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
	Heat Pump - HCOP (rated at 47°F OSA)				13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
6.	OCCUPIED				14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
	Cooling Setpoint (°F)		70	72	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
	Heating Setpoint (°F)		68	68	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
	UNOCCUPIED				17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
	Cooling Setpoint (°F)		70	80	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
	Heating Setpoint (°F)		68	60	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
7.	OSA Damper Closed at Night?		No	No	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	50%	50%
8.	Fan Operation at Night?		CV-Cycling	CV-Cycling	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	25%	25%
9.	CO <sub>2</sub> Sensors?		No	Yes	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	10%	10%
	OSA % @ Max Occupancy				23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	10%	10%
	OSA % @ Min Occupancy				24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	5%	5%
10.	% Internal Load at Night		15.0%	15.0%	* Check if ON							

CUSTOMER: DSW: at LOCATION: 29257												
ZONE 1 - RETAIL SALES SPACE			13. EXISTING LIGHTING PROFILE			14. LIGHTING OPERATION				15. PROPOSED LIGHT PROFILE		
			% Fixtures On			EXISTING*		PROPOSED*		% Fixtures On		
Hr.	M - F	S - S	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S		
1	0%	0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%		
2	0%	0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%		
3	0%	0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%		
4	0%	0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%		
5	0%	0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%		
6	0%	0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%		
7	0%	0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%		
8	0%	0%	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%		
9	100%	100%	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	0%	0%		
10	100%	100%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%		
11	100%	100%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%		
12	100%	100%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%		
13	100%	100%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%		
14	100%	100%	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%		
15	100%	100%	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%		
16	100%	100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%		
17	100%	100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%		
18	100%	100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%		
19	100%	100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%		
20	100%	100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%		
21	100%	100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%		
22	100%	100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%		
23	100%	100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	23	0%	0%		
24	0%	0%	24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	0%	0%		

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29257			11. SYSTEM OPERATION				12. OCCUPANCY PROFILE					
ZONE 2 - OFFICE/EMPLOYEE SPACE			HVAC OPTION		EXISTING*				%Design Occupancy			
			EXISTING	PROPOSED	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S
1.	ECONOMIZER	Temperature		Temperature								
	Minimum OSA %	25%		25%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
	Coil Discharge temp (°F)	55		55	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
	Mixed Air Setpoint (°F)	55		55	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
	Low Limit (°F)	45		45	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
	High Limit (°F)	68		68	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
	Enthalpy Limit (Btu/lb)				6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	10%	10%
2.	kW /Ton (of Compressor & Cond Fan)	0.92		0.92	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	25%	25%
3.	Supply Air Flow (CFM)	1,250		1,250	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	50%	50%
4.	Supply Fan Control	CV-Continuous		CV-Continuous	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	75%	75%
	Minimum Air Flow (%)	100.00%		100.00%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
	Motor Efficiency (%)	89.50%		89.50%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
5.	Gas Furnace - Thermal Efficiency (%)	80.00%		80.00%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
	Heat Pump - HCOP (rated at 47°F OSA)				13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
6.	OCCUPIED				14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
	Cooling Setpoint (°F)	70		72	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
	Heating Setpoint (°F)	68		68	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
	UNOCCUPIED				17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
	Cooling Setpoint (°F)	70		80	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
	Heating Setpoint (°F)	68		60	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
7.	OSA Damper Closed at Night?	No		No	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%
8.	Fan Operation at Night?	CV-Cycling		CV-Cycling	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	75%	75%
9.	CO <sub>2</sub> Sensors?	No		Yes	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	50%	50%
	OSA % @ Max Occupancy				23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	25%	25%
	OSA % @ Min Occupancy				24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	10%	10%
10.	% Internal Load at Night	25.0%		25.0%	* Check if ON							

CUSTOMER: DSW: at LOCATION: 29257											
ZONE 2 - OFFICE/EMPLOYEE SPACE	13. EXISTING LIGHTING PROFILE			14. LIGHTING OPERATION				15. PROPOSED LIGHT PROFILE			
	% Fixtures On			EXISTING*		PROPOSED*		% Fixtures On			
	Hr.	M - F	S - S	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S
1	0%		0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
2	0%		0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
3	0%		0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
4	0%		0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
5	0%		0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
6	0%		0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%
7	0%		0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%
8	100%		100%	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%
9	100%		100%	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	100%	100%
10	100%		100%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
11	100%		100%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
12	100%		100%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
13	100%		100%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
14	100%		100%	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
15	100%		100%	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
16	100%		100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
17	100%		100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
18	100%		100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
19	100%		100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
20	100%		100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%
21	100%		100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%
22	100%		100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%
23	100%		100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	100%	100%
24	100%		100%	24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	0%	0%

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29257			11. SYSTEM OPERATION				12. OCCUPANCY PROFILE					
ZONE 3 - CONDITIONED STORAGE			HVAC OPTION		EXISTING*				%Design Occupancy			
			EXISTING	PROPOSED	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S
1.	ECONOMIZER	Temperature		Temperature								
	Minimum OSA %	25%		25%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%
	Coil Discharge temp (°F)	55		55	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%
	Mixed Air Setpoint (°F)	55		55	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%
	Low Limit (°F)	45		45	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%
	High Limit (°F)	68		68	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%
	Enthalpy Limit (Btu/lb)				6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	10%	10%
2.	kW /Ton (of Compressor & Cond Fan)	0.92		0.92	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	7	25%	25%
3.	Supply Air Flow (CFM)	1,250		1,250	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8	50%	50%
4.	Supply Fan Control	CV-Continuous		CV-Continuous	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	75%	75%
	Minimum Air Flow (%)	100.00%		100.00%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%
	Motor Efficiency (%)	85.50%		85.50%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%
5.	Gas Furnace - Thermal Efficiency (%)	80.00%		80.00%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%
	Heat Pump - HCOP (rated at 47°F OSA)				13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%
6.	OCCUPIED				14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%
	Cooling Setpoint (°F)	70		72	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%
	Heating Setpoint (°F)	68		68	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%
	UNOCCUPIED				17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%
	Cooling Setpoint (°F)	70		80	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%
	Heating Setpoint (°F)	68		60	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%
7.	OSA Damper Closed at Night?	No		No	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%
8.	Fan Operation at Night?	CV-Cycling		CV-Cycling	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	75%	75%
9.	CO <sub>2</sub> Sensors?	No		Yes	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	50%	50%
	OSA % @ Max Occupancy				23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	25%	25%
	OSA % @ Min Occupancy				24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	10%	10%
10.	% Internal Load at Night	25.0%		25.0%	* Check if ON							

CUSTOMER: DSW: at LOCATION: 29257												
ZONE 3 - CONDITIONED STORAGE			13. EXISTING LIGHTING PROFILE			14. LIGHTING OPERATION				15. PROPOSED LIGHT PROFILE		
			% Fixtures On			EXISTING*		PROPOSED*		% Fixtures On		
Hr.	M - F	S - S	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S		
1	0%	0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%		
2	0%	0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%		
3	0%	0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%		
4	0%	0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%		
5	0%	0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%		
6	0%	0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%		
7	0%	0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%		
8	100%	100%	8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%		
9	100%	100%	9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9	100%	100%		
10	100%	100%	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	100%	100%		
11	100%	100%	11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	11	100%	100%		
12	100%	100%	12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	100%	100%		
13	100%	100%	13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	13	100%	100%		
14	100%	100%	14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14	100%	100%		
15	100%	100%	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	15	100%	100%		
16	100%	100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%		
17	100%	100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%		
18	100%	100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%		
19	100%	100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%		
20	100%	100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%		
21	100%	100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%		
22	100%	100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%		
23	100%	100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	100%	100%		
24	100%	100%	24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24	0%	0%		

\* Check if ON

CUSTOMER: DSW: at LOCATION: 29257												
ZONE 4 - EXTERIOR LIGHTING			1. EXISTING LIGHTING PROFILE			12. LIGHTING OPERATION				3. PROPOSED LIGHT PROFILE		
			% Fixtures On		EXISTING*		PROPOSED*		% Fixtures On			
Hr.	M - F	S - S	Hr.	M - F	S - S	M - F	S - S	Hr.	M - F	S - S		
1	0%	0%	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	0%	0%		
2	0%	0%	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	0%	0%		
3	0%	0%	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	0%	0%		
4	0%	0%	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	0%	0%		
5	0%	0%	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	0%	0%		
6	0%	0%	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6	0%	0%		
7	0%	0%	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7	0%	0%		
8	0%	0%	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8	0%	0%		
9	0%	0%	9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9	0%	0%		
10	0%	0%	10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	0%	0%		
11	0%	0%	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11	0%	0%		
12	0%	0%	12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12	0%	0%		
13	0%	0%	13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13	0%	0%		
14	0%	0%	14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14	0%	0%		
15	0%	0%	15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15	0%	0%		
16	100%	100%	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	16	100%	100%		
17	100%	100%	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	17	100%	100%		
18	100%	100%	18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	18	100%	100%		
19	100%	100%	19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	19	100%	100%		
20	100%	100%	20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	20	100%	100%		
21	100%	100%	21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21	100%	100%		
22	100%	100%	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	22	100%	100%		
23	100%	100%	23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	23	100%	100%		
24	100%	100%	24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	100%	100%		

\* Check if ON





Customer: DSW  
 Location: 29257

HR	Savings HVAC Demand (kW)																							
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.91	11.91	13.12	13.12	13.12	13.12	13.12	13.12	11.91	11.91	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.91	11.91	13.12	13.12	13.12	13.12	13.12	13.12	11.91	11.91	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.91	11.91	13.12	13.12	13.12	13.12	13.12	13.12	11.91	11.91	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.91	11.91	13.12	13.12	13.12	13.12	13.12	13.12	11.91	11.91	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	7.82	7.82	7.82	7.82	12.86	12.86	18.97	18.97	12.86	12.86	12.86	12.86	9.17	9.17	7.82	7.82	7.82	7.82	7.82	7.82
6	0.00	0.00	0.00	0.00	7.82	7.82	7.82	7.82	12.86	12.86	18.97	18.97	12.86	12.86	12.86	12.86	9.17	9.17	7.82	7.82	7.82	7.82	7.82	7.82
7	0.00	0.00	0.00	0.00	7.82	7.82	7.82	7.82	12.86	12.86	18.97	18.97	12.86	12.86	12.86	12.86	9.17	9.17	7.82	7.82	7.82	7.82	7.82	7.82
8	0.00	0.00	0.00	0.00	7.82	7.82	7.82	7.82	12.86	12.86	18.97	18.97	12.86	12.86	12.86	12.86	9.17	9.17	7.82	7.82	7.82	7.82	7.82	7.82
9	0.00	0.00	0.00	0.00	5.93	5.93	6.44	6.44	18.30	18.30	16.10	16.10	18.51	18.51	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	0.00	0.00
10	0.00	0.00	0.00	0.00	5.93	5.93	6.44	6.44	18.30	18.30	16.10	16.10	18.51	18.51	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	0.00	0.00
11	0.00	0.00	0.00	0.00	5.93	5.93	6.44	6.44	18.30	18.30	16.10	16.10	18.51	18.51	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	0.00	0.00
12	0.00	0.00	0.00	0.00	5.93	5.93	6.44	6.44	18.30	18.30	16.10	16.10	18.51	18.51	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	0.00	0.00
13	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.51	18.51	16.10	16.10	16.10	16.10	18.51	18.51	18.51	18.51	12.59	12.59	6.44	6.44	12.88	12.88
14	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.51	18.51	16.10	16.10	16.10	16.10	18.51	18.51	18.51	18.51	12.59	12.59	6.44	6.44	12.88	12.88
15	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.51	18.51	16.10	16.10	16.10	16.10	18.51	18.51	18.51	18.51	12.59	12.59	6.44	6.44	12.88	12.88
16	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.51	18.51	16.10	16.10	16.10	16.10	18.51	18.51	18.51	18.51	12.59	12.59	6.44	6.44	12.88	12.88
17	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.30	18.30	16.10	16.10	18.51	18.51	18.51	18.51	18.51	18.51	12.59	12.59	5.93	5.93	12.88	12.88
18	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.30	18.30	16.10	16.10	18.51	18.51	18.51	18.51	18.51	18.51	12.59	12.59	5.93	5.93	12.88	12.88
19	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.30	18.30	16.10	16.10	18.51	18.51	18.51	18.51	18.51	18.51	12.59	12.59	5.93	5.93	12.88	12.88
20	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.30	18.30	16.10	16.10	18.51	18.51	18.51	18.51	18.51	18.51	12.59	12.59	5.93	5.93	12.88	12.88
21	0.00	0.00	0.00	0.00	12.88	12.88	5.93	5.93	6.44	6.44	18.30	18.30	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	5.93	5.93	12.88	12.88
22	0.00	0.00	0.00	0.00	12.88	12.88	5.93	5.93	6.44	6.44	18.30	18.30	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	5.93	5.93	12.88	12.88
23	0.00	0.00	0.00	0.00	12.88	12.88	5.93	5.93	6.44	6.44	18.30	18.30	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	5.93	5.93	12.88	12.88
24	0.00	0.00	0.00	0.00	12.88	12.88	5.93	5.93	6.44	6.44	18.30	18.30	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	5.93	5.93	12.88	12.88
	0.00	0.00	12.88	12.88	12.88	12.88	12.59	12.59	18.51	18.51	18.97	18.97	18.51	18.51	18.51	18.51	18.51	18.51	12.59	12.59	7.82	7.82	12.88	12.88

HR	Existing HVAC Energy (kWh)																							
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	1,080	432	975	390	1,080	432	1,045	418	1,127	451	1,234	494	1,339	536	1,257	503	1,174	469	1,080	432	1,045	418	1,080	432
2	1,080	432	975	390	1,080	432	1,045	418	1,127	451	1,234	494	1,339	536	1,257	503	1,174	469	1,080	432	1,045	418	1,080	432
3	1,080	432	975	390	1,080	432	1,045	418	1,127	451	1,234	494	1,339	536	1,257	503	1,174	469	1,080	432	1,045	418	1,080	432
4	1,080	432	975	390	1,080	432	1,045	418	1,127	451	1,234	494	1,339	536	1,257	503	1,174	469	1,080	432	1,045	418	1,080	432
5	1,080	432	975	390	1,081	432	1,062	425	1,208	483	1,407	563	1,512	605	1,412	565	1,275	510	1,091	436	1,049	420	1,082	433
6	1,080	432	975	390	1,081	432	1,062	425	1,208	483	1,407	563	1,512	605	1,412	565	1,275	510	1,091	436	1,049	420	1,082	433
7	1,080	432	975	390	1,081	432	1,062	425	1,208	483	1,407	563	1,512	605	1,412	565	1,275	510	1,091	436	1,049	420	1,082	433
8	1,080	432	975	390	1,081	432	1,062	425	1,208	483	1,407	563	1,512	605	1,412	565	1,275	510	1,091	436	1,049	420	1,082	433
9	1,080	432	975	390	1,098	439	1,182	473	1,690	676	1,969	787	2,201	880	2,089	836	1,673	669	1,262	505	1,069	428	1,080	432
10	1,080	432	975	390	1,098	439	1,182	473	1,690	676	1,969	787	2,201	880	2,089	836	1,673	669	1,262	505	1,069	428	1,080	432
11	1,080	432	975	390	1,098	439	1,182	473	1,690	676	1,969	787	2,201	880	2,089	836	1,673	669	1,262	505	1,069	428	1,080	432
12	1,080	432	975	390	1,098	439	1,182	473	1,690	676	1,969	787	2,201	880	2,089	836	1,673	669	1,262	505	1,069	428	1,080	432
13	1,080	432	978	391	1,139	455	1,409	564	1,891	756	2,148	859	2,320	928	2,304	922	1,909	764	1,543	617	1,128	451	1,103	441
14	1,080	432	978	391	1,139	455	1,409	564	1,891	756	2,148	859	2,320	928	2,304	922	1,909	764	1,543	617	1,128	451	1,103	441
15	1,080	432	978	391	1,139	455	1,409	564	1,891	756	2,148	859	2,320	928	2,304	922	1,909	764	1,543	617	1,128	451	1,103	441
16	1,080	432	978	391	1,139	455	1,409	564	1,891	756	2,148	859	2,320	928	2,304	922	1,909	764	1,543	617	1,128	451	1,103	441
17	1,080	432	980	392	1,132	453	1,273	509	1,804	722	2,074	830	2,260	904	2,200	880	1,755	702	1,309	524	1,079	432	1,089	436
18	1,080	432	980	392	1,132	453	1,273	509	1,804	722	2,074	830	2,260	904	2,200	880	1,755	702	1,309	524	1,079	432	1,089	436
19	1,080	432	980	392	1,132	453	1,273	509	1,804	722	2,074	830	2,260	904	2,200	880	1,755	702	1,309	524	1,079	432	1,089	436
20	1,080	432	980	392	1,132	453	1,273	509	1,804	722	2,074	830	2,260	904	2,200	880	1,755	702	1,309	524	1,079	432	1,089	436
21	1,080	432	975	390	1,091	436	1,102	441	1,387	555	1,718	687	1,863	745	1,799	719	1,441	576	1,140	456	1,075	430	1,082	433
22	1,080	432	975	390	1,091	436	1,102	441	1,387	555	1,718	687	1,863	745	1,799	719	1,441	576	1,140	456	1,075	430	1,082	433
23	1,080	432	975	390	1,091	436	1,102	441	1,387	555	1,718	687	1,863	745	1,799	719	1,441	576	1,140	456	1,075	430	1,082	433
24	1,080	432	975	390	1,091	436	1,102	441	1,387	555	1,718	687	1,863	745	1,799	719	1,441	576	1,140	456	1,075	430	1,082	433

Customer: DSW  
 Location: 29257

Proposed HVAC Energy (kWh)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	1,080	432	975	390	1,080	432	1,045	418	1,090	436	1,121	448	1,188	475	1,135	454	1,101	440	1,080	432	1,045	418	1,080	432
2	1,080	432	975	390	1,080	432	1,045	418	1,090	436	1,121	448	1,188	475	1,135	454	1,101	440	1,080	432	1,045	418	1,080	432
3	1,080	432	975	390	1,080	432	1,045	418	1,090	436	1,121	448	1,188	475	1,135	454	1,101	440	1,080	432	1,045	418	1,080	432
4	1,080	432	975	390	1,080	432	1,045	418	1,090	436	1,121	448	1,188	475	1,135	454	1,101	440	1,080	432	1,045	418	1,080	432
5	1,080	432	975	390	1,080	432	1,045	418	1,138	455	1,271	509	1,348	539	1,264	506	1,179	472	1,080	432	1,045	418	1,080	432
6	1,080	432	975	390	1,080	432	1,045	418	1,138	455	1,271	509	1,348	539	1,264	506	1,179	472	1,080	432	1,045	418	1,080	432
7	1,080	432	975	390	1,080	432	1,045	418	1,138	455	1,271	509	1,348	539	1,264	506	1,179	472	1,080	432	1,045	418	1,080	432
8	1,080	432	975	390	1,080	432	1,045	418	1,138	455	1,271	509	1,348	539	1,264	506	1,179	472	1,080	432	1,045	418	1,080	432
9	1,080	432	975	390	1,089	435	1,087	435	1,510	604	1,738	695	1,937	775	1,858	743	1,512	605	1,184	474	1,049	420	1,080	432
10	1,080	432	975	390	1,089	435	1,087	435	1,510	604	1,738	695	1,937	775	1,858	743	1,512	605	1,184	474	1,049	420	1,080	432
11	1,080	432	975	390	1,089	435	1,087	435	1,510	604	1,738	695	1,937	775	1,858	743	1,512	605	1,184	474	1,049	420	1,080	432
12	1,080	432	975	390	1,089	435	1,087	435	1,510	604	1,738	695	1,937	775	1,858	743	1,512	605	1,184	474	1,049	420	1,080	432
13	1,080	432	975	390	1,106	443	1,269	507	1,666	666	1,866	746	1,981	792	1,978	791	1,680	672	1,415	566	1,089	436	1,080	432
14	1,080	432	975	390	1,106	443	1,269	507	1,666	666	1,866	746	1,981	792	1,978	791	1,680	672	1,415	566	1,089	436	1,080	432
15	1,080	432	975	390	1,106	443	1,269	507	1,666	666	1,866	746	1,981	792	1,978	791	1,680	672	1,415	566	1,089	436	1,080	432
16	1,080	432	975	390	1,106	443	1,269	507	1,666	666	1,866	746	1,981	792	1,978	791	1,680	672	1,415	566	1,089	436	1,080	432
17	1,080	432	975	390	1,100	440	1,180	472	1,611	645	1,826	731	1,955	782	1,927	771	1,547	619	1,196	478	1,054	421	1,080	432
18	1,080	432	975	390	1,100	440	1,180	472	1,611	645	1,826	731	1,955	782	1,927	771	1,547	619	1,196	478	1,054	421	1,080	432
19	1,080	432	975	390	1,100	440	1,180	472	1,611	645	1,826	731	1,955	782	1,927	771	1,547	619	1,196	478	1,054	421	1,080	432
20	1,080	432	975	390	1,100	440	1,180	472	1,611	645	1,826	731	1,955	782	1,927	771	1,547	619	1,196	478	1,054	421	1,080	432
21	1,080	432	975	390	1,080	432	1,054	421	1,281	512	1,546	618	1,659	663	1,624	650	1,315	526	1,093	437	1,058	423	1,080	432
22	1,080	432	975	390	1,080	432	1,054	421	1,281	512	1,546	618	1,659	663	1,624	650	1,315	526	1,093	437	1,058	423	1,080	432
23	1,080	432	975	390	1,080	432	1,054	421	1,281	512	1,546	618	1,659	663	1,624	650	1,315	526	1,093	437	1,058	423	1,080	432
24	1,080	432	975	390	1,080	432	1,054	421	1,281	512	1,546	618	1,659	663	1,624	650	1,315	526	1,093	437	1,058	423	1,080	432
	25,913	10,365	23,405	9,362	26,135	10,454	26,717	10,687	33,187	13,275	37,477	14,991	40,268	16,107	39,148	15,659	33,335	13,334	28,190	11,276	25,360	10,144	25,913	10,365

Savings HVAC Energy (kWh)																								
HR	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	37	15	113	45	151	60	122	49	73	29	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	37	15	113	45	151	60	122	49	73	29	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	37	15	113	45	151	60	122	49	73	29	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	37	15	113	45	151	60	122	49	73	29	0	0	0	0	0	0
5	0	0	0	0	1	1	17	7	70	28	136	54	164	66	148	59	96	38	11	4	4	2	3	1
6	0	0	0	0	1	1	17	7	70	28	136	54	164	66	148	59	96	38	11	4	4	2	3	1
7	0	0	0	0	1	1	17	7	70	28	136	54	164	66	148	59	96	38	11	4	4	2	3	1
8	0	0	0	0	1	1	17	7	70	28	136	54	164	66	148	59	96	38	11	4	4	2	3	1
9	0	0	0	0	9	4	95	38	179	72	230	92	264	106	230	92	161	64	78	31	19	8	0	0
10	0	0	0	0	9	4	95	38	179	72	230	92	264	106	230	92	161	64	78	31	19	8	0	0
11	0	0	0	0	9	4	95	38	179	72	230	92	264	106	230	92	161	64	78	31	19	8	0	0
12	0	0	0	0	9	4	95	38	179	72	230	92	264	106	230	92	161	64	78	31	19	8	0	0
13	0	0	2	1	32	13	140	56	226	90	282	113	340	136	326	130	229	92	128	51	39	15	23	9
14	0	0	2	1	32	13	140	56	226	90	282	113	340	136	326	130	229	92	128	51	39	15	23	9
15	0	0	2	1	32	13	140	56	226	90	282	113	340	136	326	130	229	92	128	51	39	15	23	9
16	0	0	2	1	32	13	140	56	226	90	282	113	340	136	326	130	229	92	128	51	39	15	23	9
17	0	0	5	2	32	13	93	37	193	77	248	99	305	122	273	109	208	83	114	45	25	10	9	4
18	0	0	5	2	32	13	93	37	193	77	248	99	305	122	273	109	208	83	114	45	25	10	9	4
19	0	0	5	2	32	13	93	37	193	77	248	99	305	122	273	109	208	83	114	45	25	10	9	4
20	0	0	5	2	32	13	93	37	193	77	248	99	305	122	273	109	208	83	114	45	25	10	9	4
21	0	0	0	0	12	5	48	19	105	42	172	69	204	82	175	70	126	51	47	19	17	7	2	1
22	0	0	0	0	12	5	48	19	105	42	172	69	204	82	175	70	126	51	47	19	17	7	2	1
23	0	0	0	0	12	5	48	19	105	42	172	69	204	82	175	70	126	51	47	19	17	7	2	1
24	0	0	0	0	12	5	48	19	105	42	172	69	204	82	175	70	126	51	47	19	17	7	2	1
	0	0	28	11	344	138	1,572	629	3,242	1,297	4,722	1,889	5,713	2,285	5,097	2,039	3,574	1,429	1,512	605	418	167	149	60





Customer: DSW  
 Location: 29257

HR	Proposed Lighting Energy (kWh)																							
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	60	21	52	21	60	21	57	21	60	21	57	21	60	21	60	21	57	21	60	21	57	21	60	21
10	1,021	355	888	355	1,021	355	977	355	1,021	355	977	355	1,021	355	1,021	355	977	355	1,021	355	977	355	1,021	355
11	1,021	355	888	355	1,021	355	977	355	1,021	355	977	355	1,021	355	1,021	355	977	355	1,021	355	977	355	1,021	355
12	1,021	355	888	355	1,021	355	977	355	1,021	355	977	355	1,021	355	1,021	355	977	355	1,021	355	977	355	1,021	355
13	1,021	355	888	355	1,021	355	977	355	1,021	355	977	355	1,021	355	1,021	355	977	355	1,021	355	977	355	1,021	355
14	1,021	355	888	355	1,021	355	977	355	1,021	355	977	355	1,021	355	1,021	355	977	355	1,021	355	977	355	1,021	355
15	1,021	355	888	355	1,021	355	977	355	1,021	355	977	355	1,021	355	1,021	355	977	355	1,021	355	977	355	1,021	355
16	1,023	356	889	356	1,023	356	978	356	1,023	356	978	356	1,023	356	1,023	356	978	356	1,023	356	978	356	1,023	356
17	1,023	356	889	356	1,023	356	978	356	1,023	356	978	356	1,023	356	1,023	356	978	356	1,023	356	978	356	1,023	356
18	1,023	356	889	356	1,023	356	978	356	1,023	356	978	356	1,023	356	1,023	356	978	356	1,023	356	978	356	1,023	356
19	1,023	356	889	356	1,023	356	978	356	1,023	356	978	356	1,023	356	1,023	356	978	356	1,023	356	978	356	1,023	356
20	1,023	356	889	356	1,023	356	978	356	1,023	356	978	356	1,023	356	1,023	356	978	356	1,023	356	978	356	1,023	356
21	1,023	356	889	356	1,023	356	978	356	1,023	356	978	356	1,023	356	1,023	356	978	356	1,023	356	978	356	1,023	356
22	1,023	356	889	356	1,023	356	978	356	1,023	356	978	356	1,023	356	1,023	356	978	356	1,023	356	978	356	1,023	356
23	61	21	53	21	61	21	59	21	61	21	59	21	61	21	61	21	59	21	61	21	59	21	61	21
24	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
	13,409	4,664	11,660	4,664	13,409	4,664	12,826	4,664	13,409	4,664	12,826	4,664	13,409	4,664	13,409	4,664	12,826	4,664	13,409	4,664	12,826	4,664	13,409	4,664

HR	Savings Lighting Energy (kWh)																							
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	60	21	52	21	60	21	57	21	60	21	57	21	60	21	60	21	57	21	60	21	57	21	60	21
9	961	334	836	334	961	334	919	334	961	334	919	334	961	334	961	334	919	334	961	334	919	334	961	334
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	961	334	836	334	961	334	919	334	961	334	919	334	961	334	961	334	919	334	961	334	919	334	961	334
24	60	21	52	21	60	21	57	21	60	21	57	21	60	21	60	21	57	21	60	21	57	21	60	21
	2,043	710	1,776	710	2,043	710	1,954	710	2,043	710	1,954	710	2,043	710	2,043	710	1,954	710	2,043	710	1,954	710	2,043	710

Customer: DSW  
 Location: 29257

HR	Savings HVAC & Lighting Demand (kW)																								
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		
	Jan-WD	Jan-WE	Feb-WD	Feb-WE	Mar-WD	Mar-WE	Apr-WD	Apr-WE	May-WD	May-WE	Jun-WD	Jun-WE	Jul-WD	Jul-WE	Aug-WD	Aug-WE	Sep-WD	Sep-WE	Oct-WD	Oct-WE	Nov-WD	Nov-WE	Dec-WD	Dec-WE	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.91	11.91	13.12	13.12	13.12	13.12	13.12	13.12	11.91	11.91	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.91	11.91	13.12	13.12	13.12	13.12	13.12	13.12	11.91	11.91	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.91	11.91	13.12	13.12	13.12	13.12	13.12	13.12	11.91	11.91	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.91	11.91	13.12	13.12	13.12	13.12	13.12	13.12	11.91	11.91	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	7.82	7.82	7.82	7.82	12.86	12.86	18.97	18.97	12.86	12.86	12.86	12.86	9.17	9.17	7.82	7.82	7.82	7.82	7.82	7.82	
6	0.00	0.00	0.00	0.00	7.82	7.82	7.82	7.82	12.86	12.86	18.97	18.97	12.86	12.86	12.86	12.86	9.17	9.17	7.82	7.82	7.82	7.82	7.82	7.82	
7	0.00	0.00	0.00	0.00	7.82	7.82	7.82	7.82	12.86	12.86	18.97	18.97	12.86	12.86	12.86	12.86	9.17	9.17	7.82	7.82	7.82	7.82	7.82	7.82	
8	2.61	2.61	2.61	2.61	10.43	10.43	10.43	10.43	15.47	15.47	21.58	21.58	15.47	15.47	15.47	15.47	11.78	11.78	10.43	10.43	10.43	10.43	10.43	10.43	
9	41.79	41.79	41.79	41.79	47.72	47.72	48.24	48.24	60.10	60.10	57.90	57.90	60.31	60.31	60.10	60.10	60.10	60.10	54.39	54.39	47.72	47.72	41.79	41.79	
10	0.00	0.00	0.00	0.00	5.93	5.93	6.44	6.44	18.30	18.30	16.10	16.10	18.51	18.51	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	0.00	0.00	
11	0.00	0.00	0.00	0.00	5.93	5.93	6.44	6.44	18.30	18.30	16.10	16.10	18.51	18.51	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	0.00	0.00	
12	0.00	0.00	0.00	0.00	5.93	5.93	6.44	6.44	18.30	18.30	16.10	16.10	18.51	18.51	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	0.00	0.00	
13	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.51	18.51	16.10	16.10	16.10	16.10	18.51	18.51	18.51	18.51	12.59	12.59	6.44	6.44	12.88	12.88	
14	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.51	18.51	16.10	16.10	16.10	16.10	18.51	18.51	18.51	18.51	12.59	12.59	6.44	6.44	12.88	12.88	
15	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.51	18.51	16.10	16.10	16.10	16.10	18.51	18.51	18.51	18.51	12.59	12.59	6.44	6.44	12.88	12.88	
16	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.51	18.51	16.10	16.10	16.10	16.10	18.51	18.51	18.51	18.51	12.59	12.59	6.44	6.44	12.88	12.88	
17	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.30	18.30	16.10	16.10	18.51	18.51	18.51	18.51	18.51	18.51	12.59	12.59	5.93	5.93	12.88	12.88	
18	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.30	18.30	16.10	16.10	18.51	18.51	18.51	18.51	18.51	18.51	12.59	12.59	5.93	5.93	12.88	12.88	
19	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.30	18.30	16.10	16.10	18.51	18.51	18.51	18.51	18.51	18.51	12.59	12.59	5.93	5.93	12.88	12.88	
20	0.00	0.00	12.88	12.88	6.44	6.44	12.59	12.59	18.30	18.30	16.10	16.10	18.51	18.51	18.51	18.51	18.51	18.51	12.59	12.59	5.93	5.93	12.88	12.88	
21	0.00	0.00	0.00	0.00	12.88	12.88	5.93	5.93	6.44	6.44	18.30	18.30	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	5.93	5.93	12.88	12.88	
22	0.00	0.00	0.00	0.00	12.88	12.88	5.93	5.93	6.44	6.44	18.30	18.30	18.30	18.30	18.30	18.30	12.59	12.59	5.93	5.93	5.93	5.93	12.88	12.88	
23	41.79	41.79	41.79	41.79	54.68	54.68	47.72	47.72	48.24	48.24	60.10	60.10	60.10	60.10	60.10	60.10	54.39	54.39	47.72	47.72	47.72	47.72	54.68	54.68	
24	2.61	2.61	2.61	2.61	15.49	15.49	8.54	8.54	9.05	9.05	20.91	20.91	20.91	20.91	20.91	20.91	15.20	15.20	8.54	8.54	8.54	8.54	15.49	15.49	
	41.79	41.79	41.79	41.79	54.68	54.68	48.24	48.24	60.10	60.10	60.10	60.10	60.31	60.31	60.10	60.10	60.10	60.10	54.39	54.39	47.72	47.72	54.68	54.68	

HR	Savings HVAC & Lighting Energy (kWh)																								
	JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		
	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	WD	WE	
1	0	0	0	0	0	0	0	0	0	37	15	113	45	151	60	122	49	73	29	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	37	15	113	45	151	60	122	49	73	29	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	37	15	113	45	151	60	122	49	73	29	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	37	15	113	45	151	60	122	49	73	29	0	0	0	0	0	0
5	0	0	0	0	1	1	17	7	70	28	136	54	164	66	148	59	96	38	11	4	4	2	3	1	
6	0	0	0	0	1	1	17	7	70	28	136	54	164	66	148	59	96	38	11	4	4	2	3	1	
7	0	0	0	0	1	1	17	7	70	28	136	54	164	66	148	59	96	38	11	4	4	2	3	1	
8	60	21	52	21	61	21	74	28	130	49	193	75	224	87	208	80	153	59	71	25	62	23	63	22	
9	961	334	836	334	970	338	1,014	372	1,141	406	1,150	426	1,226	440	1,192	427	1,081	399	1,039	366	939	342	961	334	
10	0	0	0	0	9	4	95	38	179	72	230	92	264	106	230	92	161	64	78	31	19	8	0	0	
11	0	0	0	0	9	4	95	38	179	72	230	92	264	106	230	92	161	64	78	31	19	8	0	0	
12	0	0	0	0	9	4	95	38	179	72	230	92	264	106	230	92	161	64	78	31	19	8	0	0	
13	0	0	2	1	32	13	140	56	226	90	282	113	340	136	326	130	229	92	128	51	39	15	23	9	
14	0	0	2	1	32	13	140	56	226	90	282	113	340	136	326	130	229	92	128	51	39	15	23	9	
15	0	0	2	1	32	13	140	56	226	90	282	113	340	136	326	130	229	92	128	51	39	15	23	9	
16	0	0	2	1	32	13	140	56	226	90	282	113	340	136	326	130	229	92	128	51	39	15	23	9	
17	0	0	5	2	32	13	93	37	193	77	248	99	305	122	273	109	208	83	114	45	25	10	9	4	
18	0	0	5	2	32	13	93	37	193	77	248	99	305	122	273	109	208	83	114	45	25	10	9	4	
19	0	0	5	2	32	13	93	37	193	77	248	99	305	122	273	109	208	83	114	45	25	10	9	4	
20	0	0	5	2	32	13	93	37	193	77	248	99	305	122	273	109	208	83	114	45	25	10	9	4	
21	0	0	0	0	12	5	48	19	105	42	172	69	204	82	175	70	126	51	47	19	17	7	2	1	
22	0	0	0	0	12	5	48	19	105	42	172	69	204	82	175	70	126	51	47	19	17	7	2	1	
23	961	334	836	334	973	339	968	354	1,067	377	1,092	403	1,165	416	1,136	404	1,046	385	1,008	353	936	341	964	335	
24	60	21	52	21	72	25	106	40	165	63	230	90	264	102	235	91	184	71	107	40	74	28	62	22	
	2,043	710	1,804	722	2,387	848	3,525	1,339	5,285	2,007	6,676	2,599	7,755	2,996	7,139	2,749	5,527	2,140	3,555	1,315	2,372	878	2,192	770	