Power quality improvement and energy efficiency at East Building, 10400 E. Alameda, Denver Colorado 80247-5104

Impact of MPTS on the Utility Bill

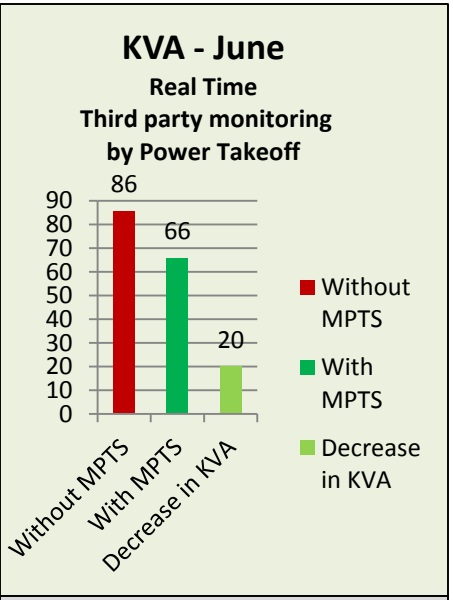
MPTS Unit Installed by Accentz
on the HVAC – Chiller

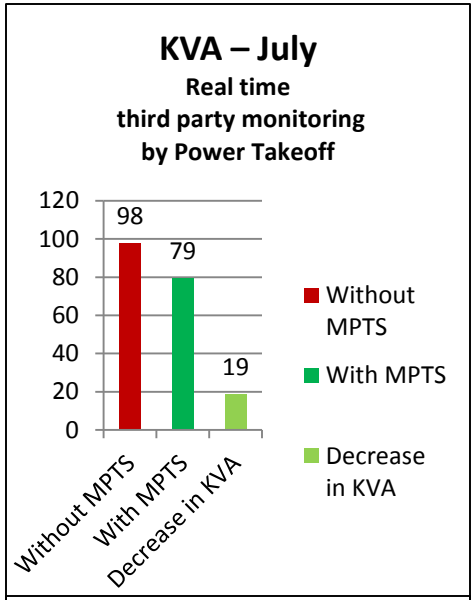
June to September, 2014

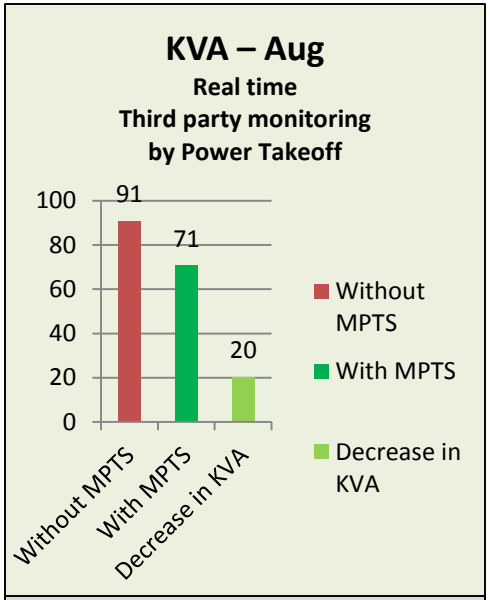


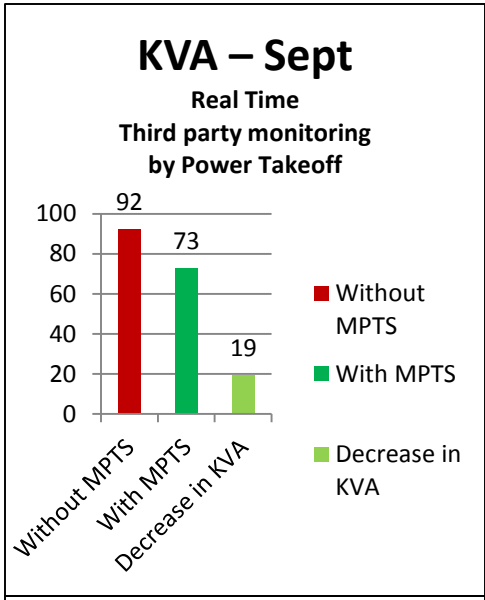
10350 East Dakota Avenue
Denver, CO 80247-5199

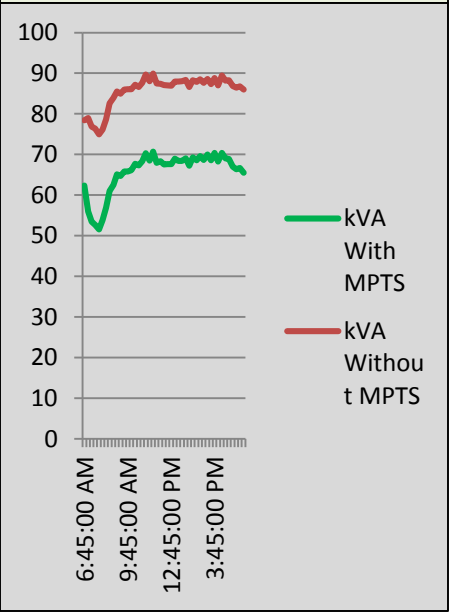
Power quality improvement and energy efficiency at East Building, 10400 E. Alameda, Denver Colorado 80247-5104

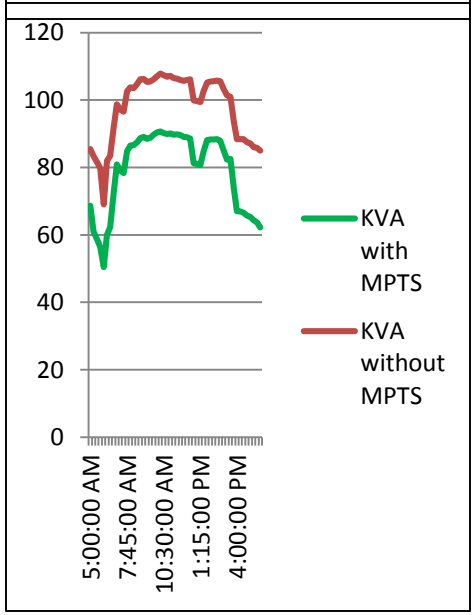


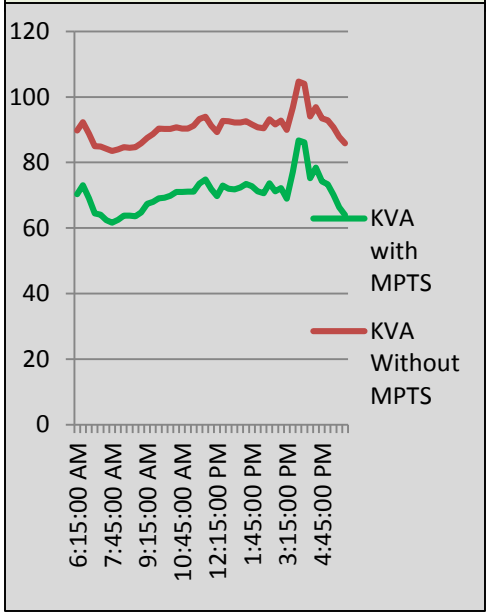


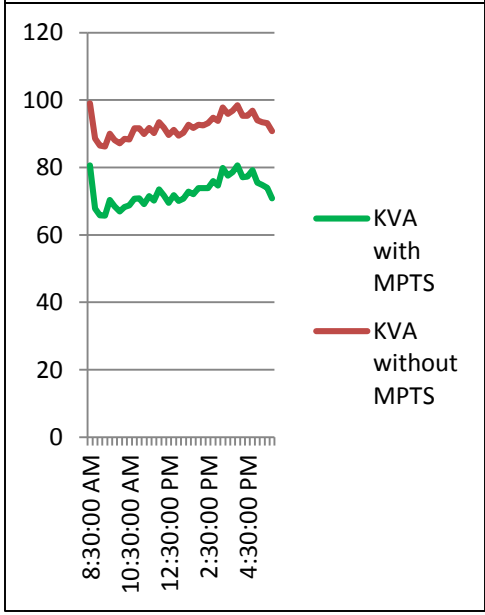






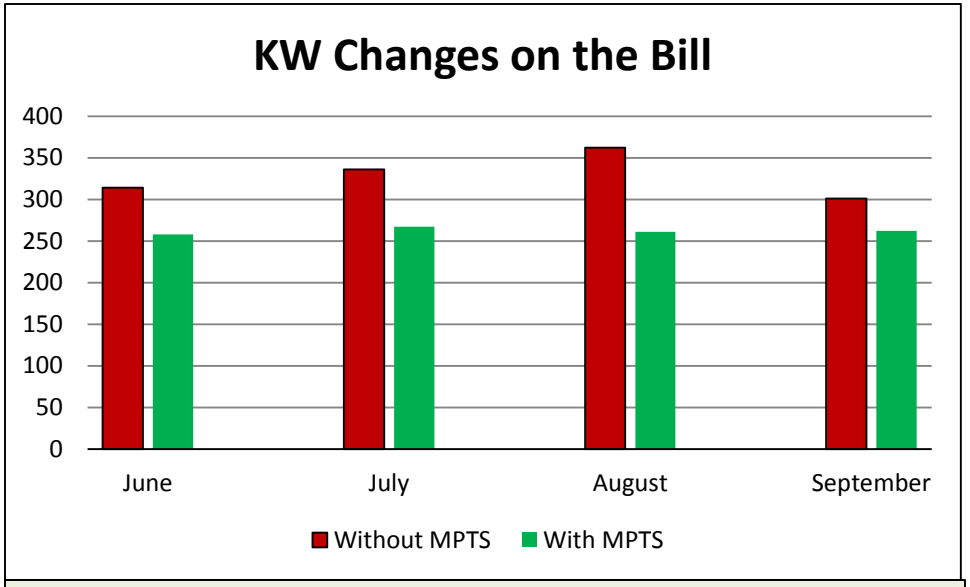


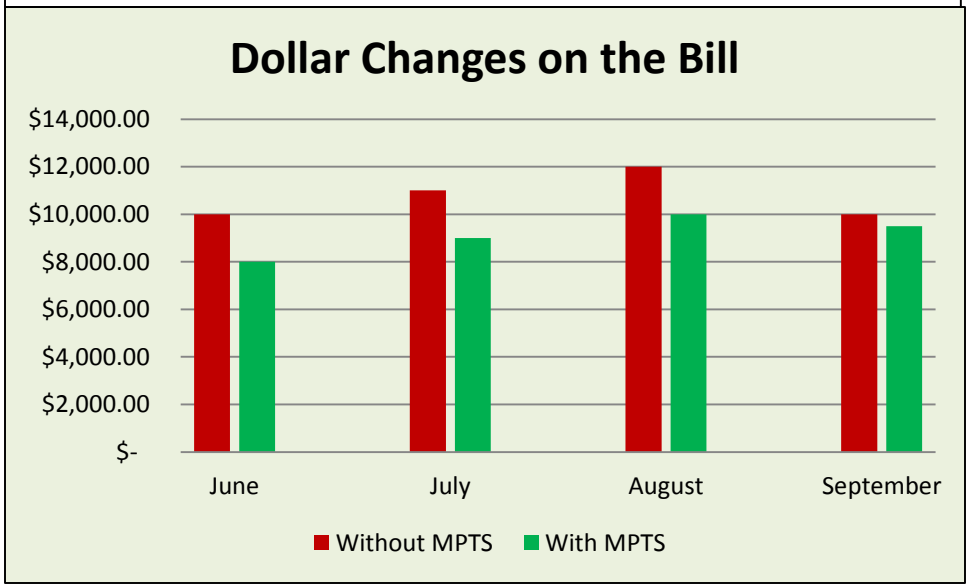




MPTS Unit Installed by Accentz on the HVAC – Chiller June to September, 2014

Power quality improvement and energy efficiency at East Building, 10400 E. Alameda, Denver Colorado 80247-5104







MPTS Unit Installed by Accentz
on the HVAC – Chiller
June to September, 2014

Changes in the Utility Bill

June - 2013 Vs. 2014

KP - Utility Bill comparison for Month of June - 2013 Vs 2014

Description	June 2013	June 2014		June 2013	June 2014
EL Energy Supply (kWh)/SG	$ 507.81	$ 497.97		107,360	105,280
EL OTH: Adjustment/GRSA	$ 829.85	$ 766.55		7,011	8,075
EL OTH: Adjustment/Trans Cost ADJ	$ 81.64	$ 90.30	KW	314	258
EL OTH: Adjustment/Elec Commodity ADJ	$ 2,571.17	$ 3,005.22		78,080	78,960
EL OTH: Adjustment	$ 928.47	$ 945.68		29,280	26,320
EL: Demand Side Mangement	$ 130.17	$ 183.83	KW	228	194
EL: Demand Side Mangement	$ 74.51	$ 50.96	KW	86	65
EL OTH: Adjustment/Purch CAP cost ADJ	$ 618.58	$ 536.64	KW	314	258
EL DEMAND: Actual (kW)/Distribution Demand	$ 1,519.76	$ 1,248.72	KW	314	258
EL OTH: Adjustment/Gen & Trans	$ 3,441.44	$ 2,827.68	KW	314	258
EL OTH: Adjustment/Gen & Trans	$ -	$ -			
EL: Facility Chg/Service and Facility	$ 40.00	$ 40.00		2	2
EL OTH: Adjustment/Renew Energy STD ADJ	$ 214.87	$ 203.86			
EL OTH: Adjustment/Elec Commodity ADJ					
EL TAX/Franshise Tax /Fee	$ 328.75	$ 311.93	Taxes	-	
EL TAX/State and Local Tax	$ 860.07	$ 816.04	Taxes	-	
	$ 12,147.09	$ 11,525.38			

KW Charges	June 2013	June 2014		June 2013	June 2014
	$ 81.64	$ 90.30	KW	314	258
	$ 130.17	$ 183.83	KW	228	194
	$ 74.51	$ 50.96	KW	86	65
	$ 618.58	$ 536.64	KW	314	258
	$ 1,519.76	$ 1,248.72	KW	314	258
	$ 3,441.44	$ 2,827.68	KW	314	258
	$ -	$ -			
	$ 5,866.10	$ 4,938.13			

With and Without MPTS

Taxes					
	$ 328.75	$ 311.93	Taxes		
	$ 860.07	$ 816.04	Taxes		
	$ 1,188.82	$ 1,127.97			
Billed Savings		**$ 988.82**		**KW Savings**	**56**

Changes in the Utility Bill

July - 2013 Vs. 2014

KP - Utility Bill comparison for Month of July 2013 Vs 2014

Description	July 2013	July 2014		July 2013	July 2014
EL Energy Supply (kWh)/SG	$441.21	$ 482.84		93,280	102,080
EL OTH: Adjustment/GRSA	$846.51	$ 772.30		11,580	5,848
EL OTH: Adjustment/Trans Cost ADJ	$87.36	$ 93.45	KW	336	267
EL OTH: Adjustment/Elec Commodity ADJ	$2,957.91	$ 3,667.73		93,280	102,080
EL OTH: Adjustment	-	$ -		-	0
EL: Demand Side Mangement	$292.32	$ 210.93	KW	336	267
EL: Demand Side Mangement	-	$ -	KW	-	0
EL OTH: Adjustment/Purch CAP cost ADJ	$661.92	$ 555.36	KW	336	267
EL DEMAND: Actual (kW)/Distribution Demand	$1,626.24	$ 1,292.28	KW	336	267
EL OTH: Adjustment/Gen & Trans	$3,682.56	$ 2,926.32	KW	336	267
EL OTH: Adjustment/Gen & Trans					
EL: Facility Chg/Service and Facility	$40.00	$ 40.00		2	2
EL OTH: Adjustment/Renew Energy STD ADJ	$212.72	$ 200.82		10,636	10041
EL OTH: Adjustment/Elec Commodity ADJ					
EL TAX/Franshise Tax /Fee	$325.46	$ 307.25	Taxes	-	
EL TAX/State and Local Tax	$851.48	$ 803.85	Taxes	-	
	$ 12,025.69	$ 11,353.13			

KW Charges	July 2013	July 2014		July 2013	July 2014
	$ 87.36	$ 93.45	KW	336	267
	$ 292.32	$ 210.93	KW	336	267
	$ -	$ -	KW	-	0
	$ 661.92	$ 555.36	KW	336	267
	$ 1,626.24	$ 1,292.28	KW	336	267
	$ 3,682.56	$ 2,926.32	KW	336	267
	$ -	$ -			
	$ 6,350.40	$ 5,078.34			

With and Without MPTS

Taxes					
	$ 325.46	$ 307.25	Taxes		
	$ 851.48	$ 803.85	Taxes		
	$ 1,176.94	$ 1,111.10			
Billed Savings		**$ 1,337.90**		**KW Savings**	**69**

Changes in the Utility Bill

August - 2013 Vs. 2014

KP - Utility Bill comparison for Month of August 2013 Vs 2014

Description	August 2013	August 2014		August 2013	August 2014
EL Energy Supply (kWh)/SG	$ 469.97	$ 451.05		99,360	95,360
EL OTH: Adjustment/GRSA	$ 910.76	$ 633.16		12,459	9,230
EL OTH: Adjustment/Trans Cost ADJ	$ 94.12	$ 91.35	KW	362	261
EL OTH: Adjustment/Elec Commodity ADJ	$ 3,150.71	$ 3,426.28		99,360	95,360
EL OTH: Adjustment	$ -	$ -		-	-
EL: Demand Side Mangement	$ 314.94	$ 206.19	KW	362	261
EL: Demand Side Mangement	$ -	$ -	KW	-	-
EL OTH: Adjustment/Purch CAP cost ADJ	$ 713.14	$ 542.88	KW	362	261
EL DEMAND: Actual (kW)/Distribution Demand	$ 1,752.08	$ 1,263.24	KW	362	261
EL OTH: Adjustment/Gen & Trans	$ 3,967.52	$ 2,860.00	KW	362	261
EL OTH: Adjustment/Gen & Trans					
EL: Facility Chg/Service and Facility	$ 40.00	$ 40.00		2	2
EL OTH: Adjustment/Renew Energy STD ADJ	$ 228.00	$ 190.29		11,413	9515
EL OTH: Adjustment/Elec Commodity ADJ					
EL TAX/Franshise Tax /Fee	$ 349.25	$ 291.15	Taxes	-	
EL TAX/State and Local Tax	$ 913.71	$ 761.73	Taxes	-	
	$ 12,904.20	$ 10,757.32			

KW Charges	August 2013	August 2014		August 2013	August 2014
	$ 94.12	$ 91.35	KW	362	261
	$ 314.94	$ 206.19	KW	362	261
	$ -	$ -	KW	-	-
	$ 713.14	$ 542.88	KW	362	261
	$ 1,752.08	$ 1,263.24	KW	362	261
	$ 3,967.52	$ 2,860.00	KW	362	261
	$ -	$ -			
	$ 6,841.80	$ 4,963.66			

With and Without MPTS

Taxes					
	$ 349.25	$ 291.15	Taxes		
	$ 913.71	$ 761.73	Taxes		
	$ 1,262.96	$ 1,052.88			
Billed Savings		**$ 2,088.22**		**KW Savings**	**101**

Changes in the Utility Bill

Sept. - 2013 Vs. 2014

KP - Utility Bill comparison for Month of September 2013 Vs 2014					
Description	**Sept 2013**	**Sept 2014**		**Sept 2013**	**Sept 2014**
EL Energy Supply (kWh)/SG	$ 414.73	$ 460.89		87,680	97,440
EL OTH: Adjustment/GRSA	$ 191.46	$ 616.08		9,573	8,981
EL OTH: Adjustment/Trans Cost ADJ	$ 78.26	$ 91.70	KW	301	262
EL OTH: Adjustment/Elec Commodity ADJ	$ 2,396.84	$ 2,823.40		75,586	78,581
EL OTH: Adjustment	$ -	$ -		-	-
EL: Demand Side Mangement	$ 261.87	$ 206.98	KW	301	262
EL: Demand Side Mangement	$ -	$ -	KW	-	-
EL OTH: Adjustment/Purch CAP cost ADJ	$ 592.97	$ 544.96	KW	301	262
EL DEMAND: Actual (kW)/Distribution Demand	$ 1,456.84	$ 1,268.08	KW	301	262
EL OTH: Adjustment/Gen & Trans	$ 2,843.90	$ 2,315.74	KW	260	211
EL OTH: Adjustment/Gen & Trans	$ 332.16	$ 405.68		42	51
EL: Facility Chg/Service and Facility	$ 40.00	$ 40.00		2	2
EL OTH: Adjustment/Renew Energy STD ADJ	$ 411.67	$ 188.42			
EL OTH: Adjustment/Elec Commodity ADJ	$ 743.81	$ 647.44			
EL TAX/Franshise Tax /Fee	$ 292.94	$ 288.28	Taxes	-	
EL TAX/State and Local Tax	$ 766.37	$ 754.22	Taxes	-	
	$ 10,823.82	$ 10,651.87			
KW Charges	**Sept 2013**	**Sept 2014**		**Sept 2013**	**Sept 2014**
	$ 78.26	$ 91.70	KW	301	262
	$ 261.87	$ 206.98	KW	301	262
	$ -	$ -	KW	-	-
	$ 592.97	$ 544.96	KW	301	262
	$ 1,456.84	$ 1,268.08	KW	301	262
	$ 2,843.90	$ 2,315.74	KW	260	211
	$ 332.16	$ 405.68			
	$ 5,566.00	$ 4,833.14			
Taxes	$ 292.94	$ 288.28	Taxes		
	$ 766.37	$ 754.22	Taxes		
	$ 1,059.31	$ 1,042.50			
Billed Savings		**$ 749.67**		**KW Savings**	**49**

With and Without MPTS