

Energy Cost Savings Report

<u>Renegotiated Electric Contracts</u>	<u>Actual Savings</u>	<u>YR EST Savings</u>
• <u>Cecilia Valley (Actual 6 Month Savings)</u>	\$7,608	\$15,216
• <u>CHHS #1170 (Actual 8 Month Savings)</u>	\$139	\$209
• <u>CHHS #5790 (Actual 6 Month Savings)</u>	\$2,382	\$4,764
• <u>College View (Actual 6 Month Savings)</u>	\$3,700	\$7,400
• <u>James T. Alton (Actual 8 Month Savings)</u>	\$6,339	\$9,509
• <u>Print Shop (Actual Annual Savings)</u>	\$1,110	\$1,110
 <u>Changed Whole School to LED Lighting</u>		
• <u>Meadowview (Actual 10 Month Savings)</u>	\$6,110	\$7,332
 <u>Reduced Water Meter Size (Changes Rate)</u>		
• <u>Central Office (Based on 2017/18 School Year)</u>	\$270	\$270
• <u>JHHS Athletic (Based on 2017/18 School Year)</u>	\$798	\$798
• <u>Lincoln Trail (Based on 2017/18 School Year)</u>	\$229	\$229
• <u>IT/TV (Based on 2017/18 School Year)</u>	In progress	\$494
 <u>Totals:</u>	 \$28,685	 \$47,348

Energy Star Scores

Cecilia Valley 96

G.C. Berkhead 82

Vine Grove 75

Green Team Sponsors and Energy Building Audits

- Currently all 23 Schools have a Green Team Sponsor and a team of students that do building checks at least once a month
- I work as an advisor and support in any way that they need me to help educate the students on energy use and energy waste
- I perform quarterly Energy Audits on our buildings and report my findings with each school Principal and Green team sponsor (Also a copy goes to our CFO)

Projects

- Working on getting controls over the commons HVAC units at WHMS where we can set schedules
- Working on getting controls on the pumps at JHHS, Lakewood, and Woodland where we can keep from running pumps 24/7.
- Working on controls for CHHS 9th Grade HVAC to control 3 separate zones

Lakewood 6am-5:30pm 12hrs (AES)

$$14KW \times 12HR = 168Kwh$$

$$168Kwh \times .08244 = \$13.85 \text{ per day}$$

$$\$13.85 \times 30 = \$415.50 \text{ per month}$$

$$\$13.85 \times 365 = \underline{\$5,055.25 \text{ per year}}$$

Woodland 5:30am-6pm 12hrs (Rate 4)

$$8.4KW \times 12HR = 100.8Kwh$$

$$100.8Kwh \times .06266 = \$6.32 \text{ per day}$$

$$\$6.32 \times 30 = \$189.60 \text{ per month}$$

$$\$6.32 \times 365 = \underline{\$2,306.80 \text{ per year}}$$

JHHS Kitchen 7am-9pm 10hrs (Rate 4)

$$9.5KW \times 12HR = 95Kwh$$

$$95Kwh \times .06266 = \$5.95 \text{ per day}$$

$$\$5.95 \times 30 = \$178.58 \text{ per month}$$

$$\$5.95 \times 365 = \underline{\$2,171.75 \text{ per year}}$$

JHHS PAC 7am-9pm 10hrs (Rate 4)

$$14KW \times 10HR = 140Kwh$$

$$140Kwh \times .06266 = \$8.77 \text{ per day}$$

$$\$8.77 \times 30 = \$263.10 \text{ per month}$$

$$\$8.77 \times 365 = \underline{\$3,201.05 \text{ per year}}$$

JHHS Classrooms 6am-4pm 14hrs (Rate 4)

$$16.5KW \times 14HR = 231Kwh$$

$$231Kwh \times .06266 = \$14.47 \text{ per day}$$

$$\$14.47 \times 30 = \$434.10 \text{ per month}$$

$$\$14.47 \times 365 = \underline{\$5,281.55 \text{ per year}}$$

$$\text{Total: } \underline{\$29.19 \text{ per day}}$$

$$\text{Total: } \underline{\$875.78 \text{ a Mon.}}$$

$$\text{Total: } \underline{\$10,654.35 \text{ a Yr.}}$$

Total Cost Summary of Utilities

(All Totals are from July-June)

Year	Cost
2015	\$ 2,729,589
2016	\$ 2,756,171
2017	\$ 2,822,333
2018(July-Apr)	\$ 2,230,112

Total Cost of Electric Bills

Year	Cost
2015	\$ 2,291,388
2016	\$ 2,336,041
2017	\$ 2,397,672
2018(July-Apr)	\$ 1,871,428
Projected 2018	\$ 2,245,714

Projected Savings from 2017-2018 = \$151,958

Total Usage KWH Comparison

Year	Use (kWh)
2015	22,403,794
2016	22,617,551
2017	23,433,642
2018(July-Apr)	19,654,485

Total Demand KW Comparison

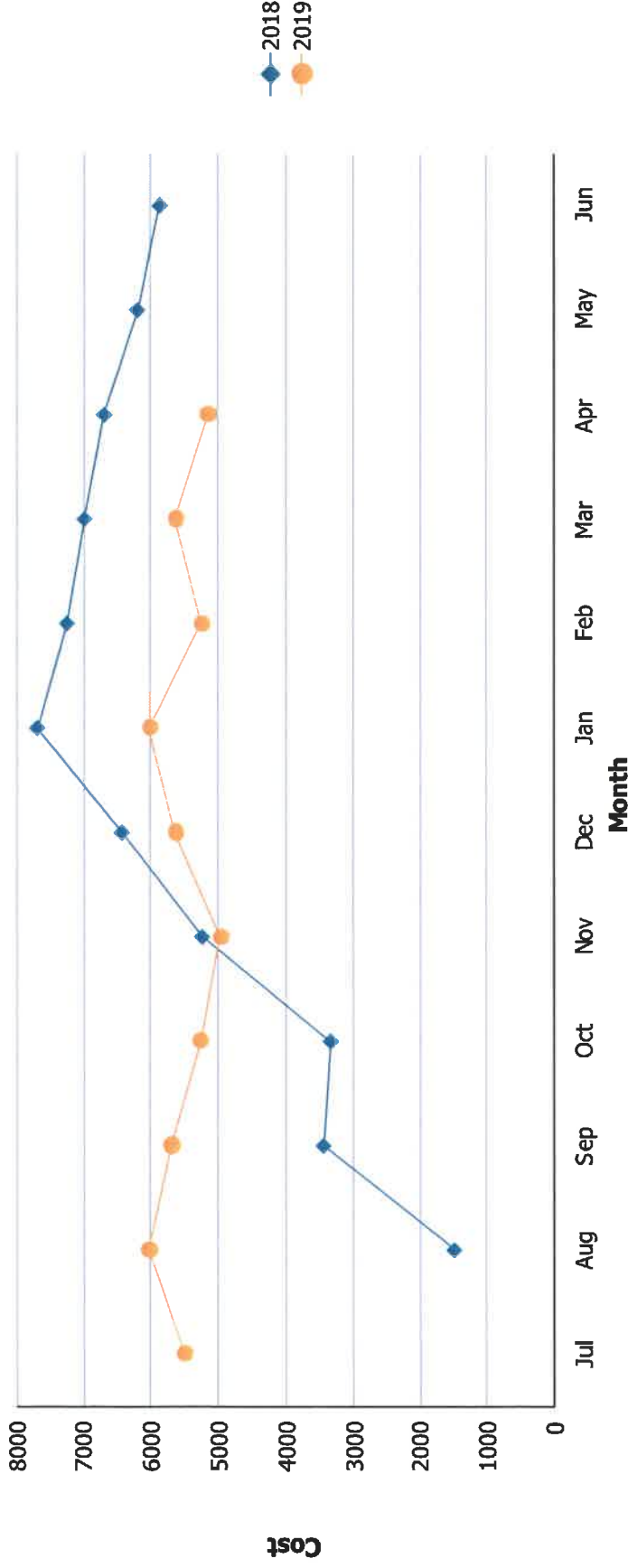
Year	Power (KW)
2015	99,190
2016	101,095
2017	103,012
2018(July-Apr)	85,298

Hardin CS-KY
 Hardin County Schools - KY
 Cecilia Valley (Change from TOD) to DS and Drop Contract Capacity)
 Account # 3000-3867-5447

Cost Center Cost Profile AN - 01CC

Cost Center: [Hardin County Schools - KY] Hardin County Schools - KY

Cost Center Cost Profile



Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
2018	\$0	\$1,484	\$3,443	\$3,335	\$5,238	\$6,435	\$7,694	\$7,252	\$6,989	\$6,695	\$6,200	\$5,871	\$60,635
2019	\$5,508	\$6,037	\$5,696	\$5,270	\$4,969	\$5,640	\$6,026	\$5,256	\$5,644	\$5,160	\$0	\$0	\$55,205
Totals	\$5,508	\$7,521	\$9,139	\$8,605	\$10,207	\$12,074	\$13,720	\$12,508	\$12,633	\$11,855	\$6,200	\$5,871	\$115,840

6 Month 2018 total 40,303
 6 Month 2019 total 32,695
 \$ 7,608 (6 Month Savings)

Requested by: Klucas
 Client version:
 Report version: 3
 Filters: Account Name Equals Cecilia Valley E-5447; Billing Period Between Jul 2016 and Jun 2019; ; First Month (1-12) Equals 7;

Cecilia Valley (Change from TOD to PS and Drop Contract Capacity)

Account# 3000-3867-5447

2018 TOD Secondary

<u>Basic</u>	<u>Usage</u>	<u>Cost</u>	<u>Base Dema</u>	<u>Cost</u>	<u>Inter. Dema</u>	<u>Cost</u>	<u>Peak Dema</u>	<u>Cost</u>	<u>Total</u>
200	53600	1730.74	628	1902.84	231.6	1484.6	231.6	1873.6	7191.78
200	37600	1214.1	628	1902.84	253.4	1624.3	253.4	2050	6991.24
200	42400	1369.1	628	1902.84	238.1	1526.2	328.1	1926.2	6924.39
200	47200	1524.09	628	1902.84	210.7	1350.6	210.7	1704.6	6682.08
200	48000	1549.92	628	1902.84	210.2	1347.4	154.8	1252.3	6252.47
200	40800	1317.43	628	1902.84	194.4	1246.1	147.1	1190	5856.41
200	41200	1330.35	628	1902.84	150	961.5	147.4	1192.5	5587.16
200	42800	1382.01	628	1902.84	205.2	1315.3	169.7	1372.9	6173.05
200	48400	1562.84	628	1902.84	221.6	1420.5	221.6	1792.7	6878.88
200	34800	1123.69	628	1902.84	220.4	1412.8	220.4	1783	6422.33
200	43600	1407.84	628	1902.84	192.8	1235.9	192.8	1559.8	6306.28
200	30800	994.53	628	1902.84	239.2	1533.3	239.2	1935.1	6565.77
Total:									<u>77831.84</u>

2018 Power Service

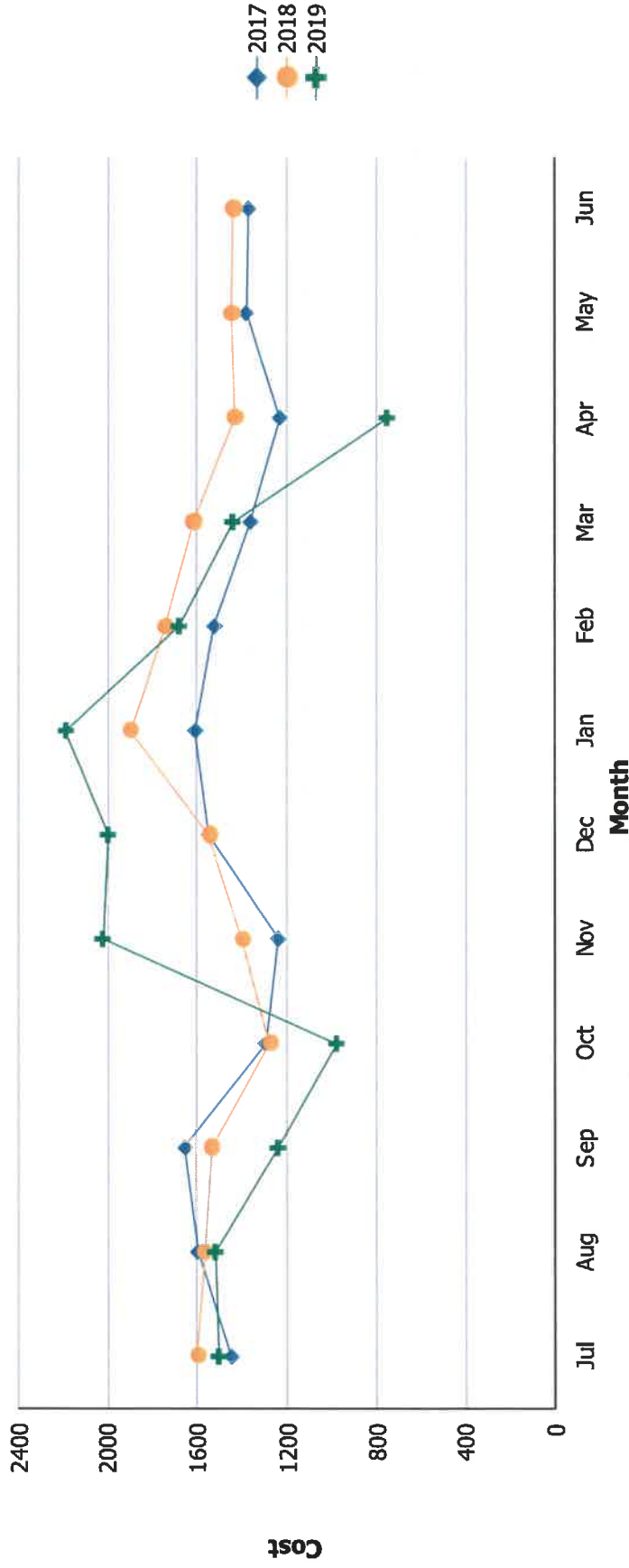
	<u>Basic</u>	<u>Usage</u>	<u>Cost</u>	<u>Base Dem</u>	<u>Cost</u>	<u>Total</u>
Jan. 18	90	53600	1752.72	231.6	4356.4	6199.12
Feb.18	90	37600	1229.52	253.4	4766.5	6085.97
Mar.18	90	42400	1386.48	238.1	4478.7	5955.14
Apr. 18	90	47200	1543.44	210.7	3963.3	5596.71
May.18	90	48000	1569.6	224.4	4719.1	6378.73
Jun. 18	90	40800	1334.16	194.4	4088.2	5512.39
Jul. 18	90	41200	1347.24	161.8	3402.7	4839.89
Aug. 18	90	42800	1399.56	211.4	4445.7	5935.3
Sept.18	90	48400	1582.68	221.6	4660.3	6332.93
Oct. 18	90	34800	1137.96	220.4	4145.7	5373.68
Nov. 18	90	43600	1425.72	192.8	3626.6	5142.29
Dec. 18	90	30800	1007.16	239.2	4499.4	5596.51
Totals:						<u>68948.66</u>

Projected Annual Savings based on the 2018 Yr. 77,831.84 - 68,948 = **\$8,883.18**

CHHS Athletic Building (Change from DS to GS)
 Account# 3000-0469-1170

Cost Center: [Hardin County Schools - KY] Hardin County Schools - KY

Cost Center Cost Profile



Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
2017	\$1,447	\$1,597	\$1,653	\$1,294	\$1,239	\$1,547	\$1,607	\$1,522	\$1,361	\$1,230	\$1,382	\$1,370	\$17,250
2018	\$1,600	\$1,566	\$1,536	\$1,275	\$1,399	\$1,544	\$1,899	\$1,742	\$1,616	\$1,431	\$1,448	\$1,440	\$18,496
2019	\$1,504	\$1,520	\$1,240	\$978	\$2,022	\$1,998	\$2,187	\$1,682	\$1,442	\$754	\$0	\$0	\$15,329
Totals	\$4,551	\$4,683	\$4,429	\$3,547	\$4,661	\$5,090	\$5,693	\$4,946	\$4,419	\$2,415	\$2,830	\$2,810	\$51,075

8 Month 18' total 12,142

8 Month 19' total 12,303

139 (8 Month Savings)

Requested by: Klucas
 Client version:
 Report version: 3
 Filters: Account Name Equals CHHS E-1170 (Athletic Build); Billing Period Between Jul 2016 and Jun 2019; ; First Month (1-12) Equals 7;

CHHS Ath. Build (Change from PS to GS)

Account#-3000-0469-1170

Power Service

	<u>Basic</u>	<u>KWH Usa</u>	<u>Cost</u>	<u>Demand Charge</u>	<u>Cost</u>	<u>Total</u>
Jan. 2018	90	21302	696.58	55.5	1043.96	1830.54
Feb. 2018	90	16143	527.88	54.2	1019.5	1637.38
Mar. 2018	90	15631	511.13	48.3	940.5	1541.63
Apr. 2018	90	13277	434.16	46.9	940.5	1464.66
May. 2018	90	9238	302.08	37.8	1051.5	1443.58
Jun. 2018	90	9236	302.02	39.6	1051.5	1443.52
Jul. 2018	90	11084	362.45	43.4	1051.5	1503.95
Aug. 2018	90	12374	404.63	45.8	1051.5	1546.13
Sept. 2018	90	11825	386.68	48.3	1051.5	1528.18
Oct. 2018	90	9248	302.41	42.6	940.5	1332.91
Nov. 2018	90	19536	638.83	63.7	1198.2	1927.03
Dec. 2018	90	19437	635.59	62.9	1183.15	1908.74
Totals:						\$19,108.25

General Service

	<u>Basic</u>	<u>KWH Usage</u>	<u>Cost</u>	<u>Total</u>
Jan. 2018	31.5	21302	2234.58	2266.08
Feb. 2018	31.5	16143	1693.4	1724.9
Mar. 2018	31.5	15631	1639.69	1671.19
Apr. 2018	31.5	13277	1392.76	1424.26
May. 2018	31.5	9238	969.07	1000.57
Jun. 2018	31.5	9236	969.07	1000.57
Jul. 2018	31.5	11084	1162.71	1194.21
Aug. 2018	31.5	12374	1298.03	1329.53
Sept. 2018	31.5	11825	1240.44	1271.94
Oct. 2018	31.5	9248	969.07	1000.57
Nov. 2018	31.5	19536	2049.33	2080.83
Dec. 2018	31.5	19437	2038.94	2070.44
Totals:				18,035.09

Projected Annual Savings based on the 2018 School Year: 19,108.25 - 18,035.09 = \$1,073.16**Projected Annual Savings based on the 2018 School Year: \$1,073.16**

CHHS Athletic Usage Comparison

Account # 3000-0469-1170

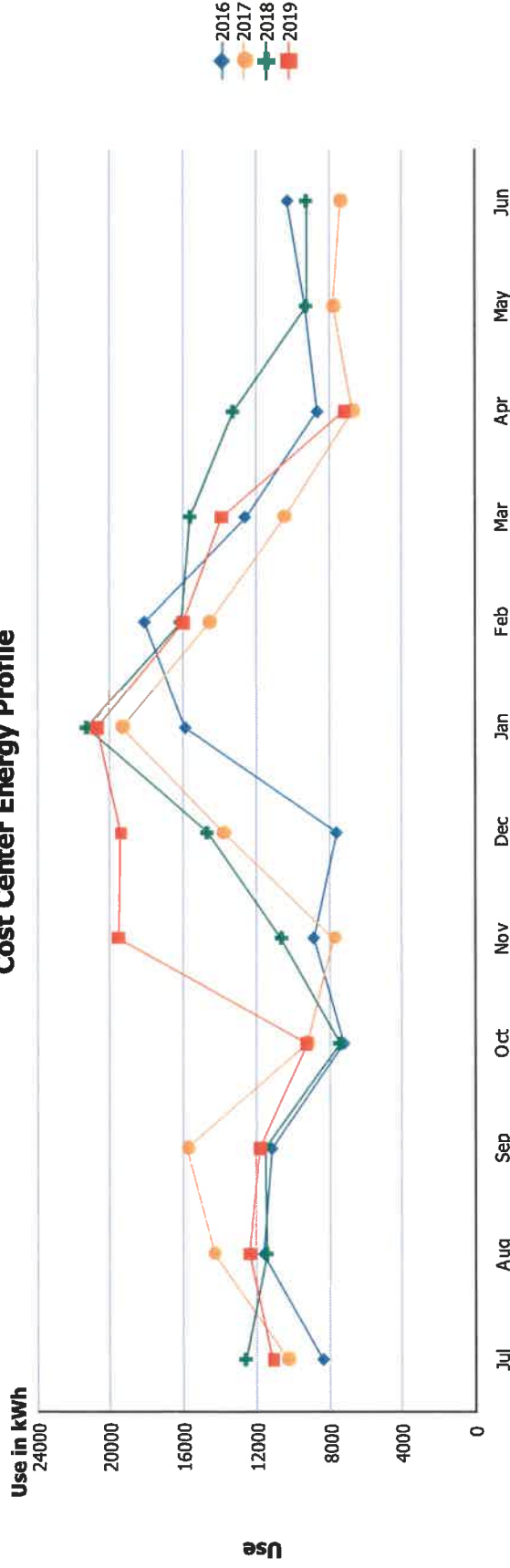
Hardin CS-KY

Hardin County Schools - KY

Cost Center Energy Profile AN - 02CC

Cost Center: [Hardin County Schools - KY] Hardin County Schc

Cost Center Energy Profile



Requested by: Klucas

Client Version:

Report version:2

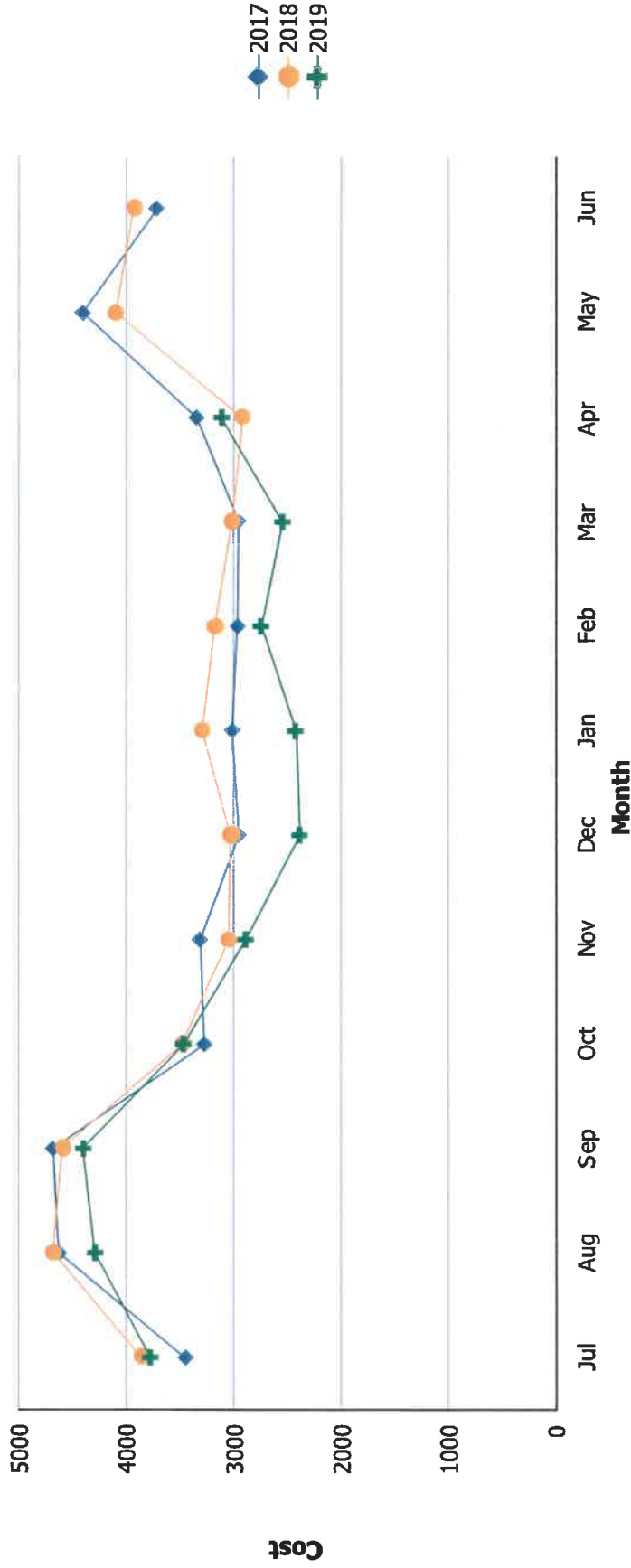
Filters: Account Name Equals CHHS E-1170 (Athletic Build); Billing Period Between Jul 2015 and Jun 2019; First Month (1-12) Equals 7; ; Account is Active Equals 1;

; Bill is from External Vendor Equals 1; Bill is Void Equals 0; Commodity Equals Electric

CHHS 9th Grade Wing (Drop Contract Capacity)
 Account # 3600-0627-5790

Cost Center: [Hardin County Schools - KY] Hardin County Schools - KY

Cost Center Cost Profile



Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
2017	\$3,444	\$4,622	\$4,679	\$3,272	\$3,313	\$2,955	\$3,012	\$2,961	\$2,959	\$3,344	\$4,403	\$3,716	\$42,679
2018	\$3,856	\$4,680	\$4,589	\$3,476	\$3,053	\$3,029	\$3,294	\$3,179	\$3,021	\$2,923	\$4,102	\$3,930	\$43,131
2019	\$3,773	\$4,283	\$4,393	\$3,468	\$2,892	\$2,390	\$2,428	\$2,749	\$2,547	\$3,111	\$0	\$0	\$32,035
Totals	\$11,073	\$13,585	\$13,662	\$10,216	\$9,257	\$8,374	\$8,734	\$8,889	\$8,527	\$9,379	\$8,505	\$7,646	\$117,846

6 Month 18' total 18,499

6 Month 19' total 16,117

2,382 (6 Month Savings)

Requested by: Klucas

Client version: 3

Report version: 3

Filters: Account Name Equals CHHS E-5790 (9th Grade); Billing Period Between Jul 2016 and Jun 2019; ; First Month (1-12) Equals 7;

CHHS 9th Wing (Drop Contract Capacity)**Account#-3000-0627-5790**

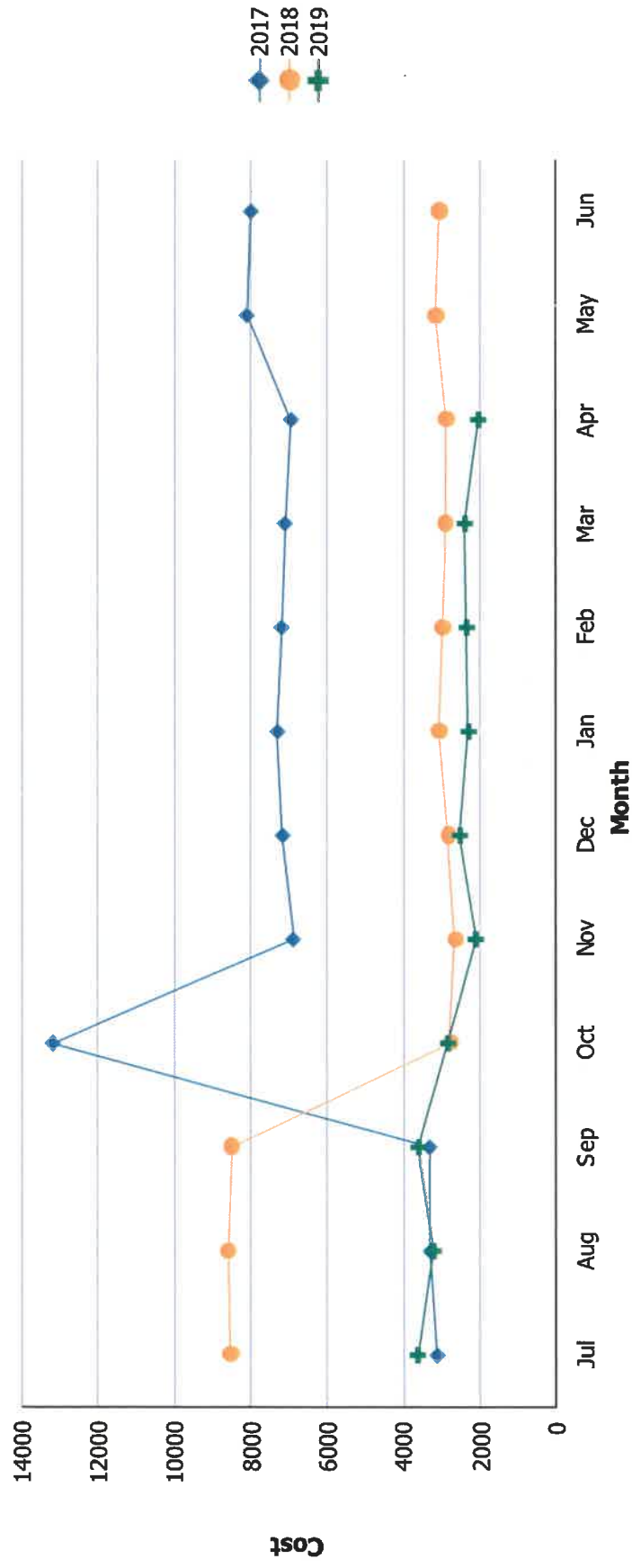
	<u>Demand Charge</u>	<u>Cost</u>	<u>Actual Demand</u>	<u>Cost</u>	<u>Savings</u>
Jan. 2018	111	2087.91	88.9	1672.21	415.7
Feb. 2018	111	2087.91	104.4	1963.76	124.15
Mar. 2018	111	2087.91	104.3	1961.88	126.03
Apr. 2018	111	2087.91	104	1956.24	131.67
May. 2018	140.6	2956.82	140.6	2956.82	0
Jun. 2018	140.5	2954.71	140.5	2954.71	0
Jul. 2018	135.1	2841.15	135.1	2841.15	0
Aug. 2018	149.9	3152.4	149.9	3152.4	0
Sept. 2018	153.7	3232.31	153.7	3232.31	0
Oct. 2018	139.1	2616.47	139.1	2616.47	0
Nov. 2018	111	2087.91	111	2087.91	0
Dec. 2018	111	2087.91	90.6	1704.19	383.72
Totals:					\$1,181.27

Projected Annual Savings based on the 2018 School Year: \$1,181.27

College View (Drop Contract Capacity)
 Account # 3000-0032-2523

Cost Center: [Hardin County Schools - KY] Hardin County Schools - KY

Cost Center Cost Profile



Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
2017	\$3,116	\$3,291	\$3,323	\$13,182	\$6,887	\$7,160	\$7,296	\$7,189	\$7,104	\$6,939	\$8,091	\$7,986	\$81,563
2018	\$8,530	\$8,590	\$8,500	\$2,797	\$2,652	\$2,839	\$3,076	\$2,995	\$2,919	\$2,897	\$3,160	\$3,086	\$52,041
2019	\$3,635	\$3,216	\$3,604	\$2,834	\$2,108	\$2,519	\$2,289	\$2,339	\$2,387	\$2,036	\$0	\$0	\$26,967
Totals	\$15,281	\$15,097	\$15,427	\$18,814	\$11,647	\$12,518	\$12,661	\$12,524	\$12,410	\$11,872	\$11,250	\$11,073	\$160,571

6 Month 18' total 17378
 6 Month 19' total 13678

Requested by: Klucas
 Client version:
 Report version: 3
 Filters: Account Name Equals College View E-2523 (E,S,& GYM); Billing Period Between Jul 2016 and Jun 2019; ; First Month (1-12) Equals 7;

3700 (6 Month Savings)

College View (Drop Contract Capacity)**Account#-3000-0032-2523**

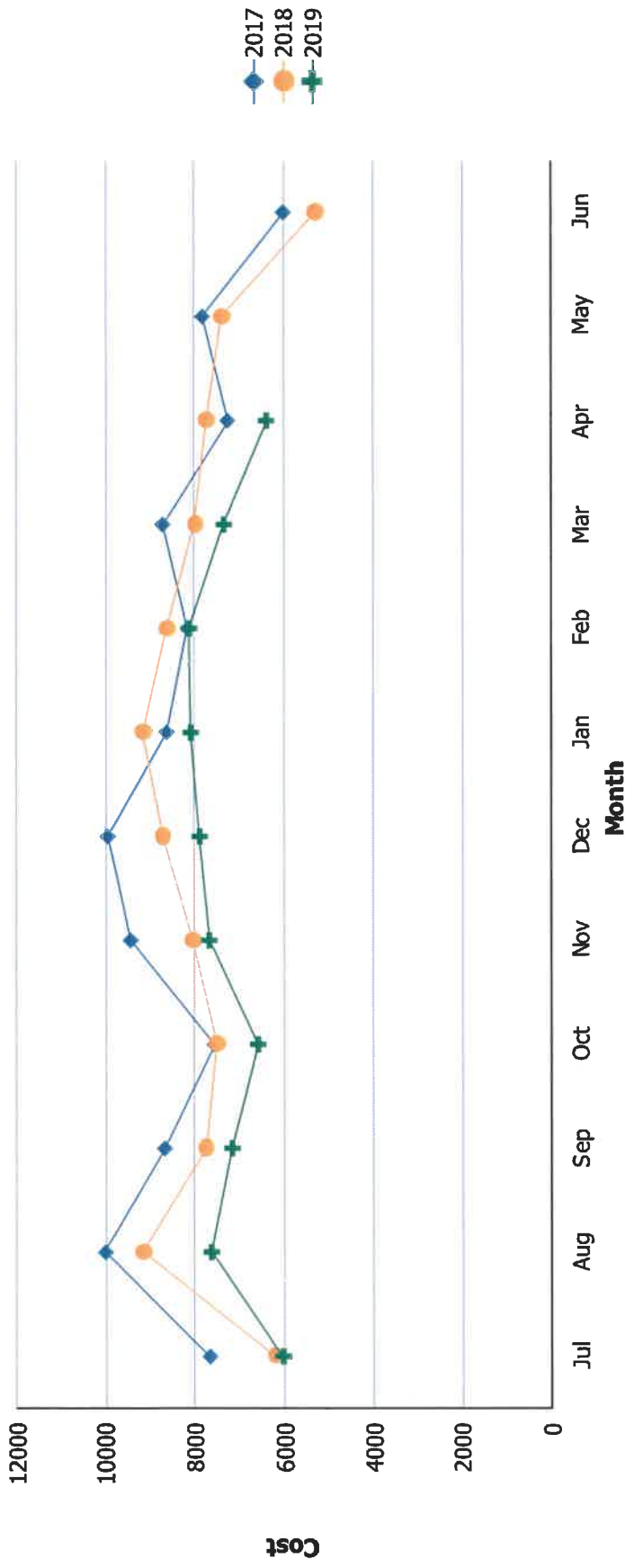
	<u>Demand Charge</u>	<u>Cost</u>	<u>Actual Demand</u>	<u>Cost</u>	<u>Savings</u>
Jan. 2018	105	1975.05	84.8	1595.09	379.96
Feb. 2018	105	1975.05	84.8	1595.09	379.96
Mar. 2018	105	1975.05	84.1	1581.92	393.13
Apr. 2018	105	1975.05	86	1617.66	357.39
May. 2018	105	2208.15	88.4	1859.05	349.1
Jun. 2018	105	2208.15	90	1892.7	315.45
Jul. 2018	108.1	2273.34	108.1	2273.34	0
Aug. 2018	105	2208.15	99.4	2090.38	117.77
Sept. 2018	116.6	2452.1	116.6	2452.1	0
Oct. 2018	105.4	1982.57	105.4	1982.57	0
Nov. 2018	105	1975.05	77.2	1452.13	522.92
Dec. 2018	105	1975.05	88.6	1666.57	308.48
Totals:					\$3,124.16

Projected Annual Savings based on the 2018 School Year: \$3,124.16

James T. Alton (Drop Contract Capacity)
 Account # 3000-0701-0691

Cost Center: [Hardin County Schools - KY] Hardin County Schools - KY

Cost Center Cost Profile



Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
2017	\$7,656	\$10,002	\$8,672	\$7,559	\$9,439	\$9,945	\$8,624	\$8,148	\$8,713	\$7,251	\$7,819	\$6,009	\$99,837
2018	\$6,209	\$9,171	\$7,757	\$7,501	\$8,046	\$8,718	\$9,164	\$8,630	\$7,998	\$7,745	\$7,385	\$5,299	\$93,626
2019	\$6,022	\$7,628	\$7,155	\$6,579	\$7,673	\$7,887	\$8,088	\$8,117	\$7,335	\$6,386	\$0	\$0	\$72,871
Totals	\$19,888	\$26,801	\$23,584	\$21,640	\$25,158	\$26,550	\$25,877	\$24,895	\$24,047	\$21,382	\$15,203	\$11,308	\$266,333

8 Month 18' total 65,559
 8 Month 19' total 59,220
 6,339 (8 Month Savings)

Requested by: Klucas
 Client version:
 Report version: 3
 Filters: Account Name Equals JTA E-0691 (Main Build); Billing Period Between Jul 2016 and Jun 2019; ; First Month (1-12) Equals 7;

JTA (Drop Contract Capacity from 375 to 316)

Account#-3000-0701-0691

<u>Demand Rate</u>	<u>Contract Capacity</u>	<u>Cost</u>	<u>Cost a Year</u>
\$3.03	375	1,136.25	13,635.00

<u>Demand Rate</u>	<u>Contract Capacity</u>	<u>Cost</u>	<u>Cost a Year</u>
\$3.03	316	957.48	11,489.76

<u>Projected Savings for a Month</u>	$1,136.25 - 957.48 = \underline{\$178.77}$
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<u>Projected Savings for a Year</u>	$13,635.00 - 11,489.76 = \underline{\$2,145.24}$
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Meadow View (Change Build. to LED)

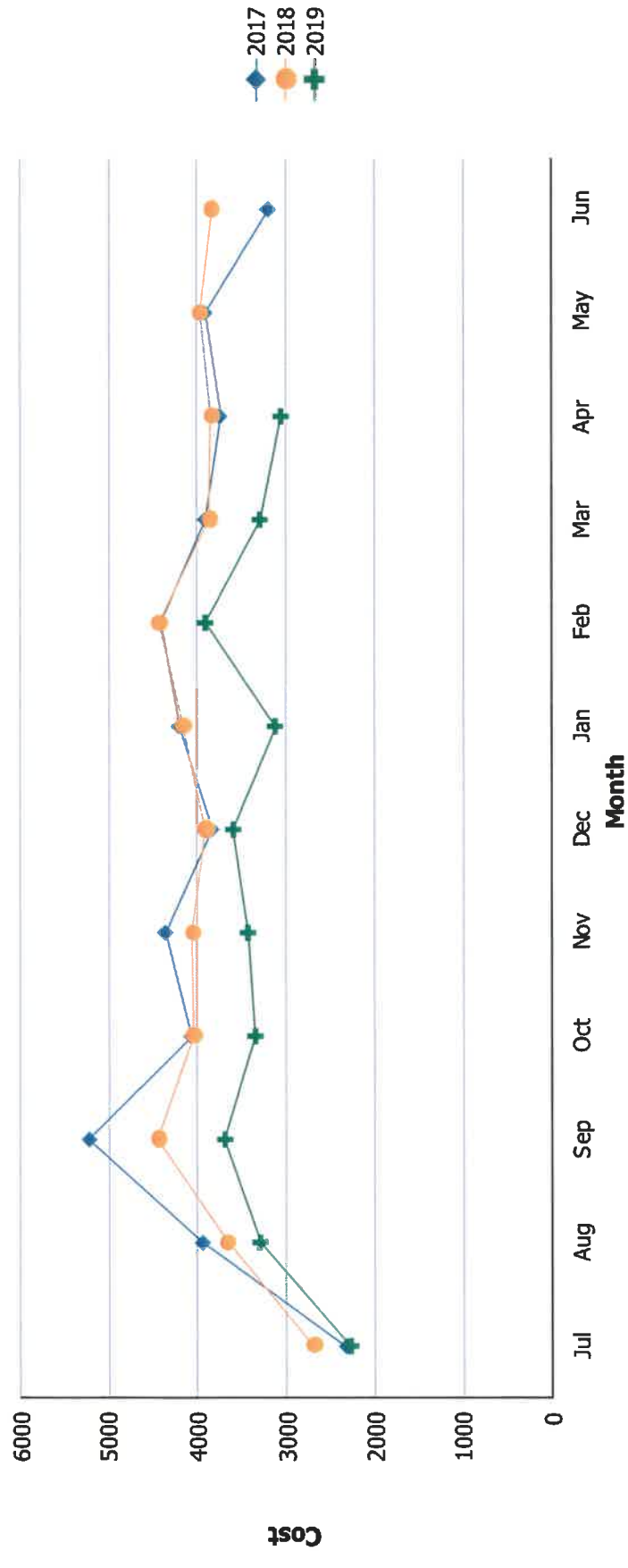
Hardin CS-KY Account #

Hardin County Schools - KY

Cost Center Cost Profile AN - 01CC

Cost Center: [Hardin County Schools - KY] Hardin County Schools - KY

Cost Center Cost Profile



Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Totals
2017	\$2,319	\$3,943	\$5,218	\$4,070	\$4,362	\$3,840	\$4,206	\$4,415	\$3,913	\$3,744	\$3,914	\$3,201	\$47,145
2018	\$2,694	\$3,663	\$4,445	\$4,043	\$4,058	\$3,908	\$4,164	\$4,427	\$3,865	\$3,843	\$3,973	\$3,838	\$46,920
2019	\$2,269	\$3,294	\$3,690	\$3,345	\$3,430	\$3,595	\$3,120	\$3,911	\$3,293	\$3,053	\$0	\$0	\$33,000
Totals	\$7,282	\$10,900	\$13,352	\$11,458	\$11,850	\$11,344	\$11,490	\$12,753	\$11,071	\$10,640	\$7,887	\$7,039	\$127,065

10 Month 18' total 39,110

10 Month 19' total 33,000

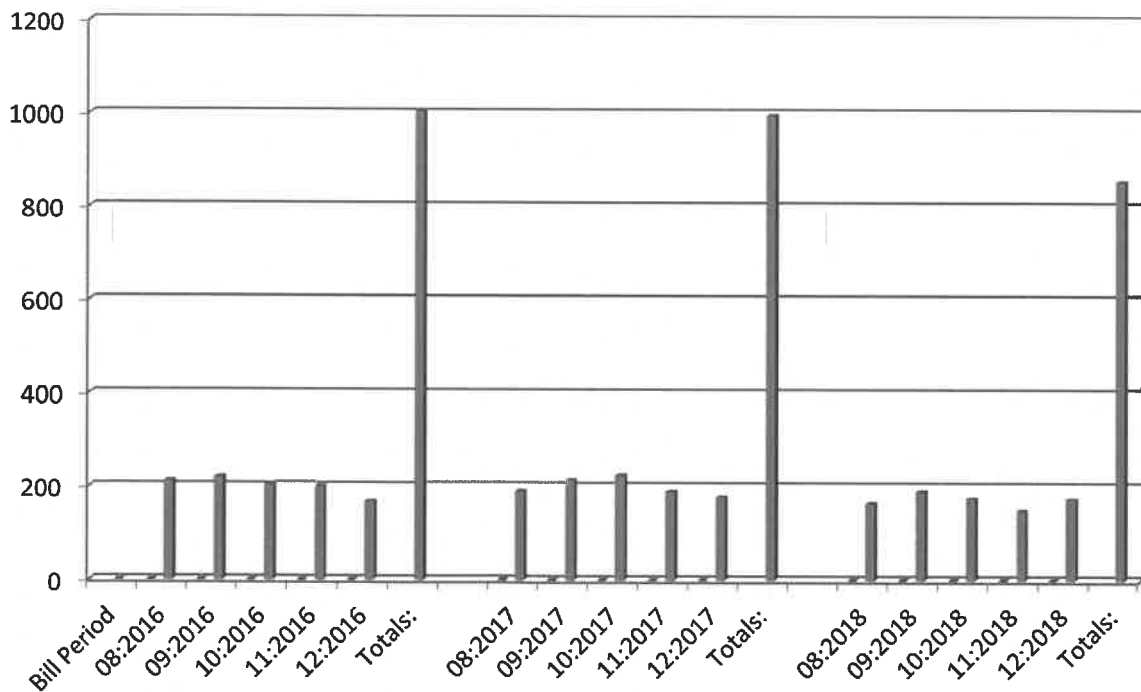
6,110 (10 month Savings)

Requested by: Klucas
 Client version:
 Report version: 3
 Filters: Account Name Equals Meadowview E-5801 ; Billing Period Between Jul 2016 and Jun 2019; ; First Month (1-12) Equals 7;

Meadowview Electric Comparison after Lighting Change

<u>Bill Period</u>	<u>Billed Demand</u>	<u>Cost</u>	<u>Usage</u>
08:2016	212	3942.94	36720
09:2016	221	5217.56	52800
10:2016	204	4069.54	39360
11:2016	200	4361.50	43920
12:2016	168	3840.48	39360
Totals:	1005	21432.02	212160
08:2017	190	3663.01	34080
09:2017	213	4445.05	44640
10:2017	224	4042.59	39120
11:2017	189	4058.30	44640
12:2017	179	3907.98	38640
Totals:	995	20116.93	201120
08:2018	165	3293.70	31440
09:2018	190	3689.86	39360
10:2018	175	3345.47	34560
11:2018	149	3429.82	38160
12:2018	174	3595.16	37200
Totals:	853	17354.01	180720

Billed Demand Comparison



Central Office (Go from 2" Meter to 1-1/2" Meter)

	<u>Usage</u>	<u>2" Rate</u>	<u>1-1/2"Rate</u>
Jul. 2017	14.0	111.20	80.30
Aug. 2017	18.8	111.20	105.02
Sept. 2017	16.4	111.20	92.66
Oct. 2017	16.0	111.20	90.60
Nov. 2017	16.3	111.20	92.15
Dec. 2017	15.2	111.20	86.48
Jan. 2018	10.2	111.20	60.73
Feb. 2018	17.5	111.20	98.33
Mar. 2018	14.8	111.20	84.42
Apr. 2018	15.1	111.20	85.97
May 2018	16.5	111.20	93.18
Jun. 2018	16.7	111.20	94.21
Totals:		1334.40	1064.05

Savings Based on 2017-18 School Yr. \$270.35

JHHS Athletic (Go from 2" to 1" Meter)

	<u>Usage</u>	<u>2" Rate</u>	<u>1" Rate</u>
Jul. 2017	1	111.20	33.95
Aug. 2017	5	111.20	33.95
Sept. 2017	10	111.20	59.70
Oct. 2017	5	111.20	33.95
Nov. 2017	5	111.20	33.95
Dec. 2017	6	111.20	33.95
Jan. 2018	24	131.80	131.80
Feb. 2018	9	111.20	54.55
Mar. 2018	1	111.20	33.95
Apr. 2018	5	111.20	33.95
May 2018	2	111.20	33.95
Jun. 2018	3	111.20	33.95
Totals:		1355.00	556.75

Savings Based on 2017-18 School Yr. \$798.25

Lincoln Trail (Disconnect Service to Old Trailers)

\$19.06 x 12 Months = \$228.72 Yearly Savings

IT/TV (Go from 1-1/2" Meter to 3/4" Meter)

2017-18 (\$59.70 Rate) – New Meter (\$18.50 Rate) = \$494.40

Water District #2

Central Office

Actual Savings

Account # 00000414

Projected Sav.

	2017	2018	Usage	2018	2017	2017/2018	2017	2018
Jan		114.54		10.2	13.7	114.54	81.12	62.55
Feb		114.54		17.5	19.9	114.54	114.00	101.27
Mar		114.54		14.8	17.6	114.54	101.81	86.95
Apr		114.54		15.1	18.1	114.54	104.46	88.54
May		114.54		16.5	17.9	114.54	103.40	95.97
June		114.54		16.7	15.6	114.54	91.20	97.03
July		114.54		13	14	114.54	82.71	77.40
Aug		114.54		17	18.8	114.54	108.17	98.62
Sept.		114.54		18	16.4	114.54	95.44	103.93
Oct	114.54	- 90.67	= 23.87	15.5	16	114.54	93.32	90.67
Nov	114.54	- 97.04	= 17.50	16.7	16.3	114.54	94.91	97.04
Dec	114.54	- 87.49	= 27.05	14.9	15.2	114.54	89.07	87.49
	343.62	275.20	68.42	3month Sav.		1374.48	1159.61	1,087.46
	68.42 / 343.62 = .1991153		20% actual sav. thus far				214.87	257.02
							15.6%	20.8%

Lincoln Trail Trailers

Account # 00020863

$$19.06 \times 12 \text{ months} = 228.72 \text{ yearly Savings}$$

$$\left(\begin{array}{cc} \text{4 month} \\ 114.54 & 89.35 \end{array} \right)$$

$$1374.48 - 1072.2 = 302.28 \quad 21.9\% \text{ Savings}$$

IT/TV

Account # 00056965

$$2017-2018 \quad 59.70 \times 12 = 716.40$$

$$(\text{New Meter}) \quad 18.50 \times 12 = -222.00$$

494.40 Savings