

## Energy Savings Report

2014-01-19 to 2014-01-25

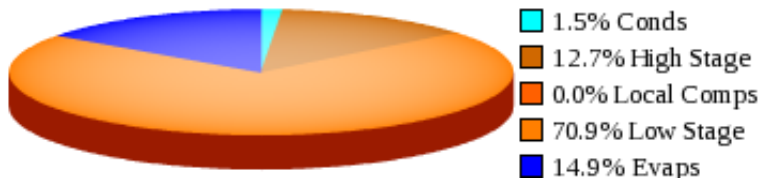
Category	Item#	Energy Findings & Solutions	Energy Savings	Energy Saving Opportunities	
Condensers	1	Findings: The Average Discharge Pressure was 124.5psig. Minimum Pressure Setpoint Average: 125psig. Maximum Pressure Setpoint Average: 190psig. All Stage Average Comp HP Per Hour: 246.3. Solutions: Performing at optimum. Pressure is > 120psig and < 135psig.	\$95	\$41	
	*	1 Misc. Hidden Items	\$0	\$0	
Compressors	1	Findings: The High Stage averaged 100.0% efficiency and 37.4HP per hour. Solutions: Performing at optimum.	\$46	\$0	
	3	Findings: The Low Stage averaged 98.2% efficiency and 208.9HP per hour. Solutions: Performing at optimum.	\$213	\$0	
	*	1 Misc. Hidden Items	\$0	\$0	
Evaporators	1	Findings: Fan cycling was enabled for 0% of the time and was in the OFF state for 38% of the time for 3A Freezer 1 Evap 1. Solutions: Performing below optimum. Enable Fan Cycling for this zone.	\$0	\$23	
	2	Findings: HotGas defrost count for 3A Freezer 1 Evap 1 was 4. Recommended defrosts: 14 Pre-Hench defrosts: 14 defrostPercent: 3.1 Solutions: Performing at optimum.	\$44	\$0	
	5	Findings: Fan cycling was enabled for 100% of the time and was in the OFF state for 47% of the time for 3C Freezer 1 Evap 3. Solutions: Performing at optimum.	\$29	\$0	
	6	Findings: HotGas defrost count for 3C Freezer 1 Evap 3 was 3. Recommended defrosts: 14 Pre-Hench defrosts: 14 defrostPercent: 2.3 Solutions: Performing at optimum.	\$49	\$0	
	7	Findings: Fan cycling was enabled for 0% of the time and was in the OFF state for 54% of the time for 3D Freezer 3 Evap 9. Solutions: Performing below optimum. Enable Fan Cycling for this zone.	\$0	\$67	
	8	Findings: HotGas defrost count for 3D Freezer 3 Evap 9 was 3. Recommended defrosts: 14 Pre-Hench defrosts: 14 defrostPercent: 2.3 Solutions: Performing at optimum.	\$97	\$0	
	9	Findings: Fan cycling was enabled for 0% of the time and was in the OFF state for 84% of the time for 3E Freezer 3 Evap 10. Solutions: Performing below optimum. Enable Fan Cycling for this zone.	\$0	\$103	
	10	Findings: HotGas defrost count for 3E Freezer 3 Evap 10 was 1. Recommended defrosts: 14 Pre-Hench defrosts: 14 defrostPercent: 0.8 Solutions: Performing at optimum.	\$115	\$0	
	11	Findings: Fan cycling was enabled for 0% of the time and was in the OFF state for 45% of the time for 3F -15 Freezer #1. Solutions: Performing below optimum. Enable Fan Cycling for this zone.	\$0	\$34	
	15	Findings: Fan cycling was enabled for 100% of the time and was in the OFF state for 98% of the time for 4A Freezer 1 Evap 4. Solutions: Performing at optimum.	\$61	\$0	
	17	Findings: Fan cycling was enabled for 100% of the time and was in the OFF state for 76% of the time for 4B Freezer 1 Evap 5. Solutions: Performing at optimum.	\$47	\$0	
	18	Findings: HotGas defrost count for 4B Freezer 1 Evap 5 was 1. Recommended defrosts: 14 Pre-Hench defrosts: 14 defrostPercent: 1.6 Solutions: Performing at optimum.	\$121	\$0	
	19	Findings: Fan cycling was enabled for 100% of the time and was in the OFF state for 62% of the time for 4C Freezer 1 Evap 6. Solutions: Performing at optimum.	\$38	\$0	
	20	Findings: HotGas defrost count for 4C Freezer 1 Evap 6 was 2. Recommended defrosts: 14 Pre-Hench defrosts: 14 defrostPercent: 2.3 Solutions: Performing at optimum.	\$80	\$0	
	21	Findings: Fan cycling was enabled for 100% of the time and was in the OFF state for 46% of the time for 4D Freezer 2 North Evap. Solutions: Performing at optimum.	\$57	\$0	
	22	Findings: HotGas defrost count for 4D Freezer 2 North Evap was 4. Recommended defrosts: 14 Pre-Hench defrosts: 14 defrostPercent: 2.1 Solutions: Performing at optimum.	\$60	\$0	
	23	Findings: Fan cycling was enabled for 0% of the time and was in the OFF state for 3% of the time for 4E Freezer 2 Center Evap. Solutions: Performing below optimum. Enable Fan Cycling for this zone.	\$0	\$4	
	24	Findings: HotGas defrost count for 4E Freezer 2 Center Evap was 5. Recommended defrosts: 14 Pre-Hench defrosts: 14 defrostPercent: 4.6 Solutions: Performing at optimum.	\$96	\$0	
	25	Findings: Fan cycling was enabled for 100% of the time and was in the OFF state for 53% of the time for 4F Freezer 2 South Evap. Solutions: Performing at optimum.	\$65	\$0	
	26	Findings: HotGas defrost count for 4F Freezer 2 South Evap was 3. Recommended defrosts: 14 Pre-Hench defrosts: 14 defrostPercent: 1.6 Solutions: Performing at optimum.	\$66	\$0	
	*	6 Misc. Hidden Items	\$0	\$0	
	Other	*	1 Misc. Hidden Items	\$0	\$1
	Net Savings and Opportunities			\$1,380	\$272
	Month-To-Date Net Savings and Opportunities*			\$4,821	\$1,276
	Year-To-Date Net Savings and Opportunities*			\$4,821	\$1,276
	Running -12-Month Net Savings and Opportunities*			\$43,091	\$21,075

Savings figures are calculated based on information received for your facility and may not match identically with your utility bill.

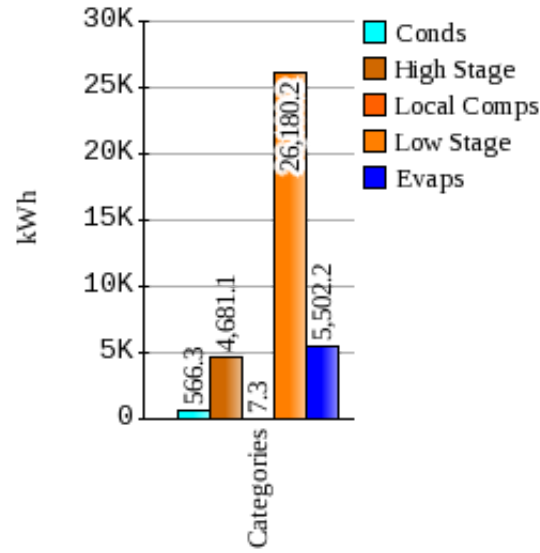
\*Values will change if older report savings and opportunities are changed.

### Distribution of Energy Usage

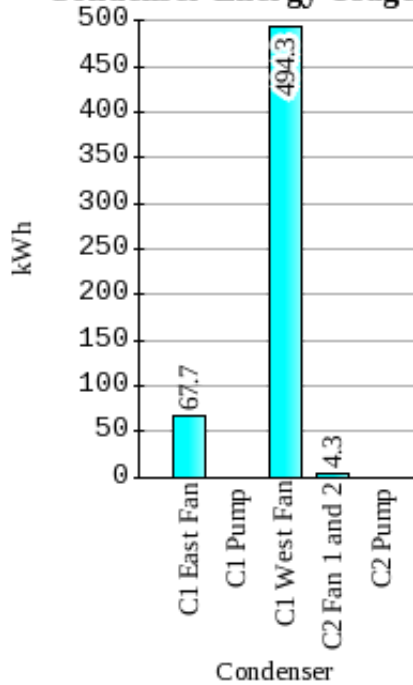
(Based on measured HP)



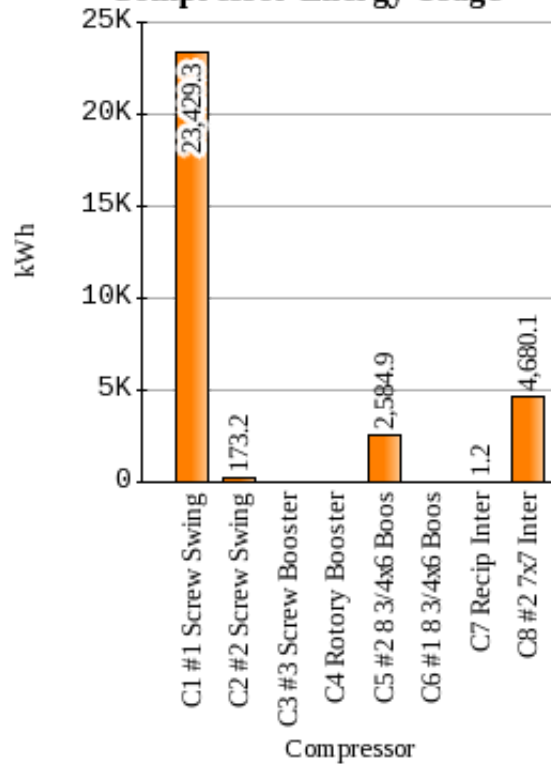
### Measured kWh



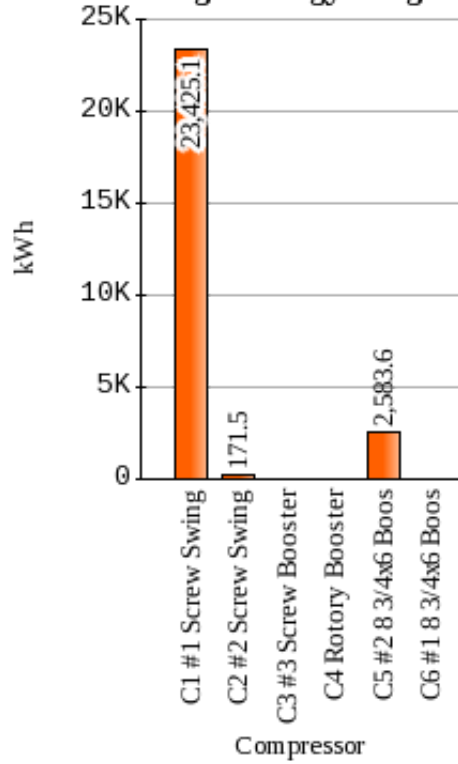
### Condenser Energy Usage



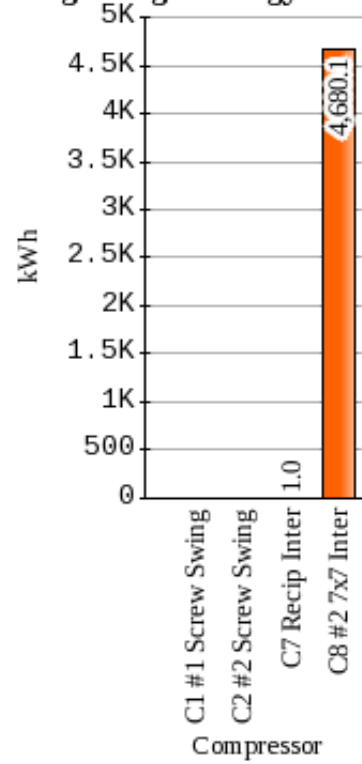
### Compressor Energy Usage



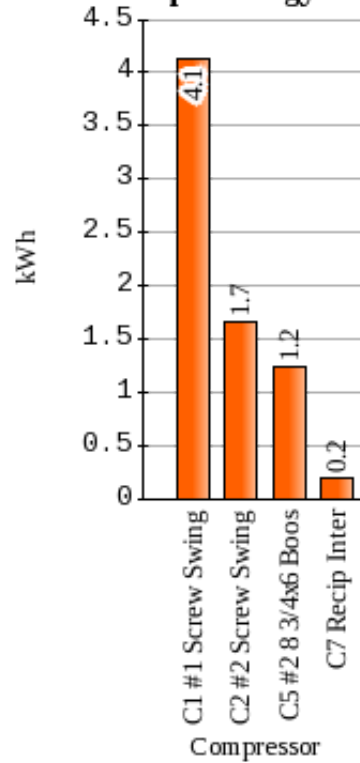
### Low Stage Energy Usage

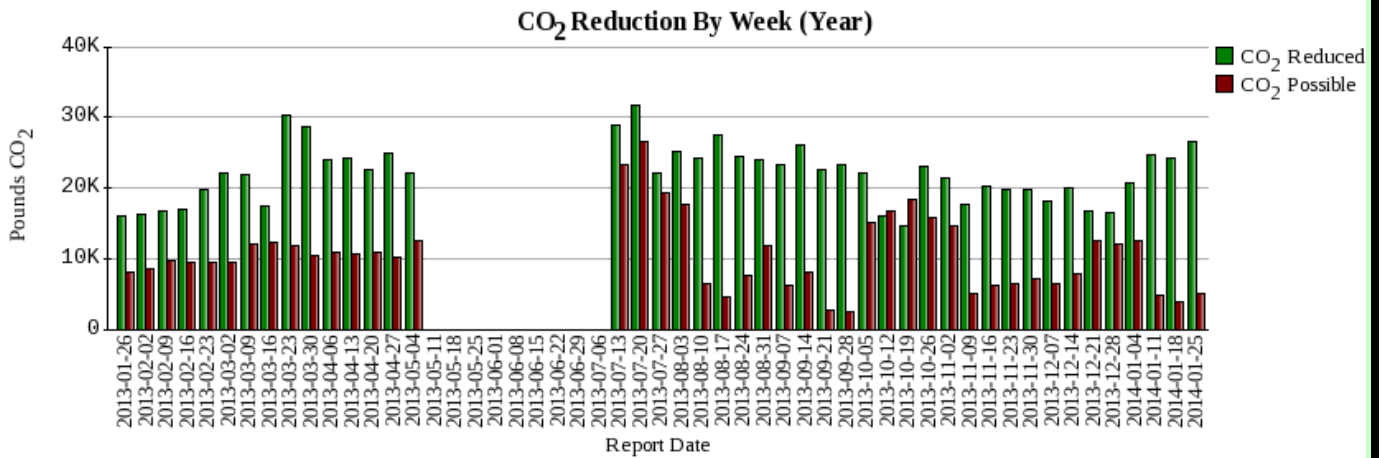
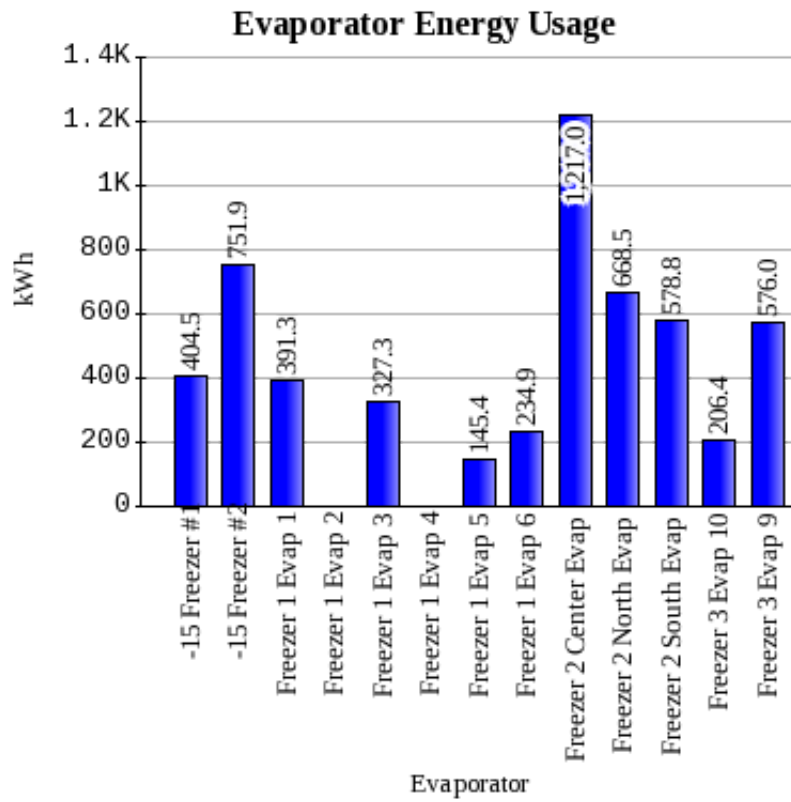


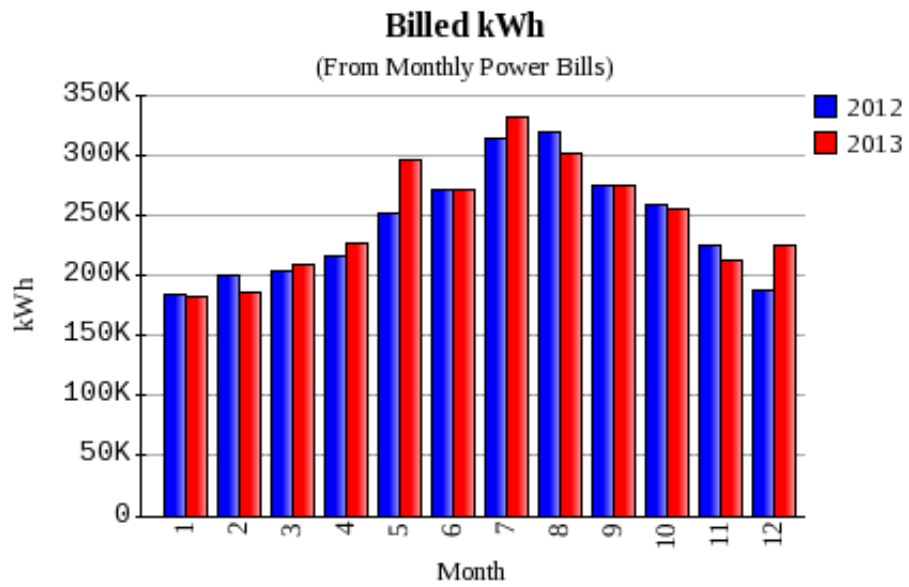
### High Stage Energy Usage



### Local Comps Energy Usage







### Week in Year Savings and Opportunities

