



Tanana Chiefs Conference (TCC) – Al Ketzler Sr. Building (AKS) and Chief Peter John Tribal Building (CPJT)



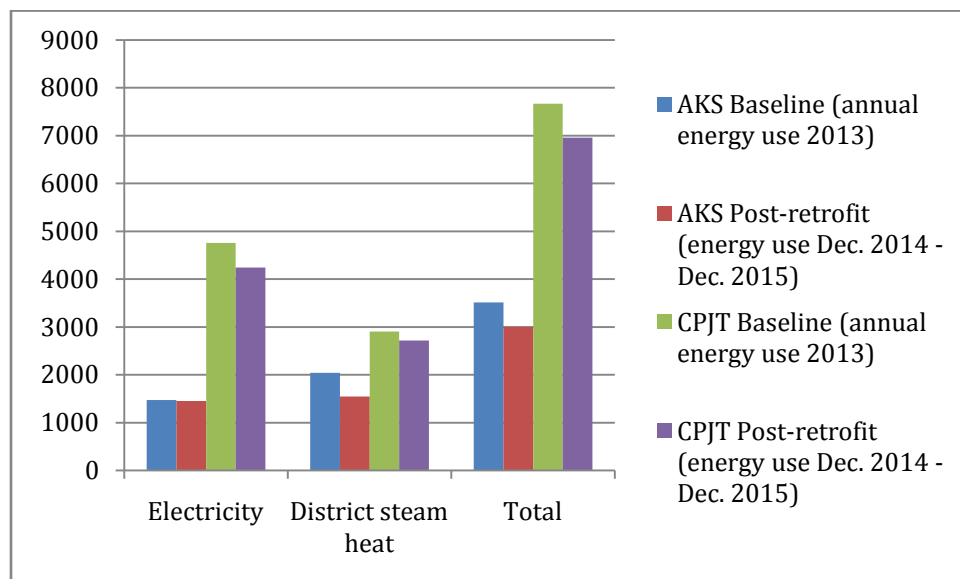
Photo Courtesy of Nortech

Auditor: Nortech

Audit date: April 2014

Nonprofit summary

Tanana Chiefs Conference decided to incorporate recommendations from the audits into its yearly operations and maintenance budget rather than implement the audit recommendations in bulk for both buildings. The TCC maintenance department has its own timeline to establish priorities for completing audit recommendations in the future.





Retrofit costs

Al Ketzler Sr. Building (AKS)

Level I audit cost: N/A

Level II audit cost: No cost to FNRP

Predicted retrofit cost: \$113,385

Actual retrofit cost: Incorporated into annual operating budget

Chief Peter John Tribal Building (CJPT)

Level I audit cost: N/A

Level II audit cost: No cost to FNRP

Predicted retrofit cost: \$168,507

Actual retrofit cost: Incorporated into annual operating budget

Notes: The TCC maintenance department is implementing the audit recommendations through its existing operations timeline and budget. The organization completed some recommendations immediately following the audit, and plans to incorporate the remaining recommendations into future projects.

Energy savings

Annual Consumption	Baseline	Post-retrofit	Notes
Monetary - AKS Monetary - CJPT	\$129,695 \$327,154	\$102,192 \$295,931	Baseline energy use is the annual energy use from 2013.
Electricity - AKS Electricity - CJPT	431,321 kWh (1,472 MBTU) 1,394,667 kWh (4,760 MBTU)	425,640 kWh (1,453 MBTU) 1,242,960 kWh (4,242 MBTU)	
District steam heat - AKS District steam heat - CJPT	2,041 MBTU 2,907 MBTU	1,549 MBTU 2,716 MBTU	Post-retrofit energy use is from December 2014 to December 2015.
Total energy - AKS Total energy - CJPT	3,505 MBTU 7,677 MBTU	3,002 MBTU 6,958 MBTU	



Energy savings (cont.)

Annual Savings	Modeled	Post-retrofit	Notes
Monetary - AKS Monetary - CJPT	\$26,276 \$61,737	\$27,503 \$31,223	TCC has not implemented all of the recommendations from the audits.
Electricity - AKS	134,031 kWh (457 MBTU)	5,681 kWh (19 MBTU)	
Electricity - CJPT	281,577 kWh (961 MBTU)	149,815 kWh (457 MBTU)	
District steam heat - AKS	87 MBTU	492 MBTU	
District steam heat - CJPT	444 MBTU	191 MBTU	
Total energy - AKS Total energy - CJPT	544 MBTU 1405 MBTU	511 MBTU 709 MBTU	

Non-energy changes

Building occupancy: No change.

Building use: No change.

Occupant comfort: No change.

Nonprofit services: No change.