

Implementation Plan and High Impact Items for Municipal Operations							
#	Goal	Metrics	Strategy	Action	Leaders	Savings	Timeline
1	Reduce energy use in Topeka's municipal buildings by 10% by 2020.	Electricity = kwh/yr Natural Gas = therms/yr Or MMBtu equivalent per year. Baseline = 2010 kwh/yr & therms/yr	Upgrade all existing city buildings to Energy Star levels by 2020.	Benchmark city buildings against their peers using the EPA's Portfolio Manager.	DPW	N/A	2010-2020
				Identify buildings to upgrade in capital planning process.	DPW	5%	2011
			Topeka only purchases Energy Star qualified lighting, appliances, and electronics.	Adopt a city policy or ordinance to make Energy Star the standard for all new appliance and lighting purchases.	DPW, SAB	12.5%	2011
			Design and build all new city facilities to meet LEED standards.	Adopt a city policy to make LEED the standard for all new municipal buildings.	City Manager	25%	2010-2020
			Upgrade HVAC systems to new building energy code standards at major retrofit or replacement times.	Identify & quantify HVAC upgrades and target dates in the capital plan for all city buildings.	DPW	10%+	2011
			Reduce unnecessary energy use in city buildings.	Adopt a policy to stop electric space heater use.	City Manager	2%	2010
				Adopt a policy to turn off all lighting at the end of the day.	City Manager	1%	2010
				Install controllable power strips on all office equipment.	IT	1%	2011
			Redevelop key account relationships for City Departments.	Change administrative policy such that utility bills are approved by City managers before being paid.	Finance, City Managers		2011
			Require facility managers to participate in Westar's Building Operator Certification Program.	M. McGee to propose to DPW Manager.	DPW	5%	2011

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2	Reduce energy use in the City's fleet by 10% by 2020.	Gasoline = gallons/yr Diesel = gallons/yr Or MMBtu equivalent per year. Baseline = 2010 gallons/yr	Establish a fleet mpg fleet efficiency standard similar to the State of Kansas.	Draft a mutually agreed upon standard using the State of Kansas as a starting point.	SAB, Fleet, City Council	10%	2011
			Establish a vehicle purchasing policy that requires the City to purchase cost effective alternative fuel vehicles.	Require financial analysis of the cost effectiveness of alternative fuel vehicles at each vehicle procurement.	Fleet, Finance	10%	2011
			Adopt a no engine idling and warm up policy.	Draft policy for City Manager.	DPW	1%	2010
			Evaluate the use of CNG in the City's fleet.	Partner with TMTA to evaluate the use of CNG in the City's fleet vehicles.	Fleet		2011
			Reduce vehicle miles traveled.	Evaluate using teleconference services to reduce unnecessary trips.	IT, Fleet	10%	2010
3	Reduce landfill waste by 50% by 2020.	Tons/Yr	Require that All City Departments Participate in Shawnee County's Recycling Programs.	Require City Departments to budget for the cost of Shawnee County's Recycling Program.	City Manager	50%	2011
			Reduce printer and toner use.	Set print defaults to ink friendly fonts like Century Gothic.	IT	30%	2010
				Enable document scanning at all copiers	IT	5%	2010
			Enable PDF printing on all computers.	IT	5%	2010	

Implementation Plan and High Impact Items for Community Initiatives							
#	Goal	Metric	Strategy	Action	Leaders	Savings	Timeline
1	Topeka adopts the most current building energy codes within one year of their publication. Presently, IECC 2009 residential and ASHRAE 90.1 - 2007 commercial building codes.	90% compliance as determined by Topeka building inspectors by 2017	Establish partnerships to educate the community about the benefits of adopting these energy codes.	Contact Topeka Homebuilders Association & the Kansas Building Science Institute to create educational opportunities.	SAB, DPW, City Council Sponsor	5.0%	2010
				Fund a baseline study to determine the energy efficiency of current building practises in Topeka.	THBA, City Manager, Codes & Permitting		2011
			Educate city building inspectors on code enforcement issues.	Participate in the Kansas State Energy Office's Energy Efficiency Building Codes Working Group.	DPW		2010
2	25% of Topeka's residential buildings are recognized as having participated in EPA's Home Performance with Energy Star Program by 2020.	% of buildings who invest in energy efficient retrofits.	Promote HP w/ ES participation with Topeka Homebuilders Association and Westar.	Set up tracking system to track data on which permits are being issued for projects participating in HP w/ ES.	Permitting	5.0%	2011
3	Require the Kansas Energy Efficiency Disclosure Form be used for all existing home sales.	Adoption of the requirement.	Educate City Council on the benefits of the disclosure form.	Seek City Councilor to sponsor the requirement.	Unknown		2010
4	Adopt a Mandatory Recycling Ordinance or achieve 90% participation in Shawnee County's recycling programs by 2020.	% of taxpaying entities enrolled in Shawnee County's recycling programs.	Reduce property tax bills by the amount of the recycling program fee for the first year for participating taxpayers.	Analyze the cost of this strategy and present results to City Council for consideration.	SAB, Shawnee County	50%	2010
5	Topeka adopts a Sustainable Transportation Plan.	Adoption of a Sustainable Transportation Plan.	Build on existing transportation planning staff to create a Sustainable Transportation Plan.	Seek City Councilor to sponsor the plan.	TMTA, DPW	10%	2011

Implementation Plan and High Impact Items for Utility Programs							
#	Goal	Metric	Strategy	Action	Leaders	Savings	Timeline
1	Topeka achieves the highest penetration of controllable programmable thermostats of any City in Westar's service territory.	% of Westar customers in Topeka who are enrolled in the program.	Design and implement a neighborhood and city level challenge to promote participation and energy saving setpoint programming.	Get city councilor sponsorship and attend neighborhood meetings.	Westar	2%	2010
2	Topeka implements an energy efficient street lighting program with Westar	% of street lights using energy efficient fixtures and bulbs.	Create a stand alone program that allows Topeka to choose more efficient street lighting offerings from Westar.	Set up meeting with Westar Key Account Representative to discuss the program.	DPW, Westar	75%	2012
3	Topeka achieves the highest penetration of heat pumps of any City in Westar's service territory.	% of Westar customers in Topeka who are enrolled in the program.	Design and implement a neighborhood and city level challenge to promote installation of heat pump systems.	Get city councilor sponsorship and attend neighborhood meetings.	Westar	10%	2012
4	Topeka has the highest net metering participation rate of any City in Kansas.	% of taxpaying entities enrolled in net metering with Westar.	Change residential zoning to allow small wind and solar.	Revive the Governor's Mansion wind energy project.	Westar, SAB	0.5%	2011

Implementation Plan and High Impact Items for Finance							
#	Goal	Metric	Strategy	Action	Leaders	Savings	Timeline
1	Topeka has the highest participation rate in the Efficiency Kansas Loan Program of any City in Kansas.	% of Topeka tax payers who have participated in the program.	Establish this metric within the Efficiency Kansas Program.	Set up meeting with the State Energy Office to determine how to measure this outcome.	Unknown	10%	2012
2	Create priority permitting and/or a rebate for the permitting cost of energy efficient buildings.	% of building permits participating in the priority permitting program.	Develop a proposed permitting process as part of the building code adoption.	Develop a proposed permitting process.	Permitting and Code Enforcement	1%	2011
3	Establish a policy that enables city departments to retain a portion of the cost savings resulting from EECS improvements in their department.	Adoption of EECS saving policy.	Lobby City Council to adopt the policy.	Seek out a City Council sponsor.	City Manager	1%	2011
4	Topeka adopts a PACE program to compliment Efficiency Kansas.	Adoption of PACE.	Educate City Council on the benefits of PACE programs.	Seek out a City Council sponsor.	Unknown	10%	2012
5	The KCC adopts incentives for Energy Star Products statewide.	KCC allocates funding for Energy Star rebates and incentives statewide.	Lobby the KCC.	Seek out a City Council sponsor.	Unknown	12.5%	2012