

Sustainable Energy Strategy Implementation Matrix

Project	Energy Efficiency Conservation Block Grant	Clean Renewable Energy Bond	CDBG-R	Conservation Bond	Muni Bond	Green Building Special Revenue Fund	Solar Generations Rebate	SureBet Rebate	Total Investment	Energy Generated/ Saved (kwh/yr)	Value of Energy Generated/ Saved/yr	Annual Operations Cost	Emissions Reduction (Metric Tons)	Payback on Bonded Portion
City Solar Programs	\$ 4,150,000	\$ 5,150,000	\$ 1,276,738	\$ -	\$ -	\$ 600,000	\$ 1,326,000	\$ -	\$ 12,502,738	2,068,122	\$ 206,812	\$ (50,011)	1,594.25	20.05
Retrofits	\$ 780,000	\$ -	\$ -	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ 5,780,000	4,816,667	\$ 578,000	\$ -	3,713.02	8.65
Exterior Lighting	\$ -	\$ -	\$ -	\$ -	\$ 6,750,000	\$ -	\$ -	\$ -	\$ 6,750,000	3,017,647	\$ 301,765	\$ 720,000	2,326.21	6.61
Administrative	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 148,000	\$ -	\$ -	\$ 148,000	-	\$ -	\$ -	-	-
Total Public Facilities	\$ 4,930,000	\$ 5,150,000	\$ 1,276,738	\$ 5,000,000	\$ 6,750,000	\$ 748,000	\$ 1,326,000	\$ -	\$ 25,180,738	9,902,436	\$ 1,086,577	\$ 669,989	7,633.47	9.62
Green Building Program														
Retrofits and Solar	\$ 269,200	\$ -	\$ -	\$ -	\$ -	\$ 1,068,831	\$ -	\$ -	\$ 1,338,031	4,202,000	\$ 540,335		3,239	2.48
Fee Reductions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 385,000	\$ -	\$ -	\$ 385,000	825,000	\$ 106,087		636	3.63
Revolving Loan Fund	\$ 175,000	\$ -	\$ -	\$ 846,000	\$ -	\$ -	\$ -	\$ -	\$ 1,021,000					
Outreach and Education	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ 130,000					
Total Community Programs	\$ 519,200	\$ -	\$ -	\$ 846,000	\$ -	\$ 1,508,831	\$ -	\$ -	\$ 2,874,031	5,027,000	\$ 646,422	\$ -	3,875	
Total All Programs	\$ 5,449,200	\$ 5,150,000	\$ 1,276,738	\$ 5,846,000	\$ 6,750,000	\$ 2,256,831	\$ 1,326,000	\$ -	\$ 28,054,769	14,929,436	\$ 1,732,999	\$ 669,989	11,508	7.38

Mid-2009 SES Implementation Evaluation

CITY OPERATIONS	2009	2010	2011	2015	2020	2030
100% of decisions on major capital projects and new City programs will triple bottom line.	X					
Invest in renewable energy projects.	↑		3 mw	7mw		
Invest 100% of cost savings from renewable energy projects in energy conservation and renewable energy projects.	X					
Reduce City's carbon footprint.	↑		10%		20%	30%
Reduce rate of electricity consumption.	↑		5%			
Achieve renewable energy portfolio standard.	↑		10%		20%	30%
Implement preferential purchasing policy for products that are certified environmentally friendly.	X					
Increase amount of fuel consumed to cleaner-burning, domestically-produced alternative fuel .	X	90%				
Adopt contracting policy consistent with NRS that considers sustainable practices as criteria for awarding contracts.	X					

City of Las Vegas

July 1, 2009



Mid-2009 SES Implementation Evaluation

CITY CODES & REGULATIONS	2009	2010	2011	2015	2020	2030
Adopt form-based sustainability zoning code	↑					
Adopt an energy code 30% more efficient than current code	↑					
Work with Green Council to revise Green Building Program to include incentives and mandates	↑	Launching July 2009				

COMMUNITY INVOLVEMENT

Participate in creating regional Home Performance energy audit and conservation program, and provide incentives to residents who enroll in program	↑	Launching July 2009				
Implement residential solar rebate program	↑	In progress				
Implement indoor water conservation program	↑	In progress				

