

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	2009	2010	2011	2015	2020	2030
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				

