

Loveland Water and Power
Power Supply

GENERATION TYPE		2010 ENERGY		2011 ENERGY		2012 ENERGY		2013 ENERGY		2014 ENERGY	
		MIX IN MWH	% OF TOTAL	MIX IN MWH	% OF TOTAL	MIX IN MWH	% OF TOTAL	MIX IN MWH	% OF TOTAL	MIX IN MWH	% OF TOTAL
GENERATION POWER SUPPLY											
Coal	Coal	503,954	74.77%	491,058	70.74%	535,627	74.90%	564,569	78.08%	554,814	76.73%
Gas	Natural Gas	9,535	1.41%	2,680	0.39%	5,453	0.76%	5,789	0.80%	5,659	0.78%
Other	Market Purchases (not renewable)	20,572	3.05%	9,403	1.35%	28,281	3.95%	9,145	1.26%	14,219	1.97%
Greenswitch - Customer Purchased									0.00%		0.00%
Wind	Medicine Bow Energy (WY)	978	0.15%	597	0.09%	358	0.05%	403	0.06%	331	0.05%
Wind	Silver Sage Energy (WY)	1,575	0.23%	1,806	0.26%	1,099	0.15%	759	0.11%	902	0.12%
Wind	Wind RECs (CO, OK, KS)	2,872	0.43%	3,239	0.47%	3,071	0.43%	1,189	0.16%	1,118	0.15%
	Spring Canyon 2 Energy Center (CO)										
Biomass	Landfill Gas (ID)	331	0.05%	-	0.00%	-	0.00%	-	0.00%		0.00%
Hydro	PRPA Hydro	130,750	19.40%	182,468	26.28%	138,946	19.43%	136,736	18.91%	133,665	18.49%
TOTAL GENERATION POWER SUPPLY RENEWABLES =		136,507	20.25%	188,111	27.10%	143,474	20.06%	139,088	19.24%	136,017	18.81%
DEFAULT MIX =		534,061	79.24%	503,142	72.48%	569,361	79.62%	579,503	80.15%	574,692	79.48%
TOTAL GENERATION POWER SUPPLY =		670,567	99.49%	691,253	99.57%	712,835	99.69%	718,592	99.38%	710,709	98.29%
DISTRIBUTION POWER SUPPLY											
Wind	Greenswitch - City Owned	743	0.11%	958	0.14%		0.00%		0.00%		0.00%
Wind	Medicine Bow Energy (WY)					172	0.02%	762	0.11%	640	0.09%
Wind	Silver Sage Energy (WY)					527	0.07%	1,436	0.20%	1,745	0.24%
Wind	Wind RECs (CO, OK, KS)					1,473	0.21%	2,250	0.31%	2,163	0.30%
Wind	Spring Canyon II						0.00%		0.00%	7,783	1.08%
Hydro	Loveland Hydro Plant	2,674	0.40%	2,000	0.29%	78	0.01%	-	0.00%		0.00%
TOTAL DISTRIBUTION POWER SUPPLY RENEWABLES =		3,417	0.51%	2,957	0.43%	2,250	0.31%	4,448	0.62%	12,331	1.71%
FUTURE ADDITIONS											
Hydro	WTP Hydro	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-	0.00%
Solar	Solar	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-	0.00%
Biomass	Biomass	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-	0.00%