

Appendix F

Energy Data

RSPU Operational Energy Use

	Amount	Units	Electricity ¹ Megawatt- hours/year	Natural Gas ¹ Million Btu/year
Multi-family	6,000	ksf	21,000	47,611
City Park	30	acres	0	0
Office Buildings	4,543	ksf	65,960	47,611
Musiem	180	ksf	2,156	805
KPMC	1,228	ksf	25,135	65,403
Hotel	1,100	rooms	15,844	50,519
MLS Stadium	25,000	seats	6,141	12,219
Retail	905	ksf	10,800	4,045
Total			147,037	228,213

1. Electricity and natural gas consumption estimates were generated using CalEEMod 2013.2.2 model and the methodology described above. See Appendix Air for model outputs and additional details.

Source: ESA, 2016

RSPU Variet Operational Energy Use

	Amount	Units	Electricity ¹ Megawatt- hours/year	Natural Gas ¹ Million Btu/year
Multi-family	7,000	ksf	24,764	55,348
City Park	30	acres	0	0
Office Buildings	5,709	ksf	82,895	59,830
Musiem	180	ksf	2,156	805
Hotel	1,100	rooms	15,844	50,519
Retail	1,272	ksf	15,239	5,686
Total			140,898	172,188

1. Electricity and natural gas consumption estimates were generated using CalEEMod 2013.2.2 model and the methodology described above. See Appendix Air for model outputs and additional details.

Source: ESA, 2016

2007 RSP Operational Energy Use

	Amount	Units	Electricity ¹ Megawatt- hours/year	Natural Gas ¹ Million Btu/year
Multi-family	12,500	ksf	44,222	98,902
City Park	41.2	acres	0	0
Office Buildings	3,268	ksf	47,451	34,249
Musiem	188	ksf	2,252	840
Hotel	1,100	rooms	15,844	50,519
Retail	1,523	ksf	18,246	6,808
Total			128,015	191,318

1. Electricity and natural gas consumption estimates were generated using CalEEMod 2013.2.2 model and the methodology described above. See Appendix Air for model outputs and additional details.

Source: ESA, 2016

Construction Fuel Use

	Diesel Fuel (gallons)	Gasoline (gallons)
RSPU	23,570,857	1,413,221
RSPU Variient	17,873,291	1,067,127
KPMC	808,576	48,479
MLS Stadium	64,581	3,872
Outfall	1,123	67

Assumes worst-case construction fuel use based on the CalEEMod 2013.2.2 model and the methodology described above. See Appendix Air for model outputs and additional details.

Source: ESA, 2016

Operational Fuel Use

	Diesel Fuel (gallons)	Gasoline (gallons)
RSPU	248,114	27,981,778
RSPU Variient	188,140	21,218,000
KPMC	38,145	4,301,889
MLS Stadium	6,734	759,492

Assumes worst-case operational fuel use based on the CalEEMod 2013.2.2 model and the methodology described above. See Appendix Air for model outputs and additional details.

Source: ESA, 2016