



2015 Municipal Energy Balance

(Jan 16 , 2015 - Jan 15, 2016)

DRAFT

Energy Used in City of Spokane Facilities and Vehicles

Type of Fuel	Amount	Unit	Conversion to MMBTU	MMBTU
Electricity	76,682,000	kWh	0.003412	261,649
Natural Gas	845,140	therms	0.1	84,514
Gasoline	398,050	gallons	0.1214524	48,344
Diesel	762,491	gallons	0.138095	105,296
Propane	4,086	gallons	0.090952	371.63
WTE Electricity from 237,214 tons of Municipal Solid Waste Combusted in Boilers	27,826,000	kWh	0.003412	94,942
Upriver Dam Electricity Generation Used for Pumping Water	14,565,960	kWh	0.003412	49,699
RPWRF Biogas Combusted in Boilers	588,652	therms	0.065	38,262
MMBTU Used in City Operations				683,079

Electricity Produced in Industrial Facilities

Facility	Amount	Units	Conversion to MMBTU	MMBTU
Waste-To-Energy Facility	137,954,000	kWh	0.003412	470,699
Upriver Dam	59,776,000	kWh	0.003412	203,956
MMBTU Produced in City Industrial Facilities				674,655

BOTTOM LINE= Amount Used - Amount Produced

(8,424)

Scott Simmons, Director of Public Works and Utilities

Catherine D. Olsen, Environmental and Sustainability Manager

Environmental Programs

2/28/2017