



# UTILITIES

## Water and Sewer

### Water Availability

Major Source	Groundwater and Missouri River
% Population Served from Source	100%

### Water Treatment

Provider	City of St. Charles
Rated Capacity (mgd)	21 MGD (6MGD = EPWTP and 15 MGD = Heritage Pump Station)
Average Daily Demand (mgd)	2012 = 7.819 MGD
Peak Demand (mgd)	15.53 MGD
Chemical Breakdown of Water	See Attached CCR
Cost per 1000 Gallons	City water rate - \$2.89
Water Connection Fee	See Attached Rate Sheet

### Sewer Treatment

Provider	City of St. Charles has a contract with Enviromental Management Corporation (EMC ) for the operation and maintenance of our <b>two sanitary sewer treatment plants and our lift stations</b> . EMC provides management, operation, and maintenance expertise for the day-to-day operation and long-term capital asset management of the City of St. Charles Wastewater Treatment Facilities. These facilities treat the sewage to Federal standards prior to discharge.
Facilities	Mississippi River Facility -- Average Daily Flow - 5.40 MGD; Max Peak Flow - 18.1 MGD Missouri River Facility -- Average Daily Flow - 3.26 MGD; Max Peak Flow - 7.20 MGD Boschertown Lagoon System - 0.3 Million Gallons Per Day 12 Lift Stations
Type of Srvce	See Attached
Rated Capacity (mgd)	See Attached
Average Daily Demand (mgd)	N/A
Peak Demand (mgd)	N/A
Cost Per 1000 Gallons	See Fee Schedule
Sewer Connection Fee	See Permit Fee Schedule

### Electric Power

Company	Ameren Missouri		
Company Total Generating Capacity	10,300 mW		
Generation Capacity Portfolio	Coal (52%), Nuclear (12%), Combustion (24%), Hydro (8%), Renewable (<1%)		
High Transmission ISO Membership	Midwest ISO Reliability Area		
Regulated or De-regulated	Regulated		
Average Cost per kWh (cents)	<b>Small</b> 50 kW & 18,000 kWh	<b>Medium</b> 300 kW & 140,000 kWh	<b>Large</b> 750 kW & 260,000 kWh
Annual \$/kWh (as of Jan. 2013)	8.89 Cents	6.71 Cents	7.46 Cents

### Natural Gas

Company	Laclede Gas Company
Average Cost for Commerical and Industrial Users	PGA rates vary for customers depending on usage and rate classification, ( <a href="http://www.lacledegas.com/rates">www.lacledegas.com/rates</a> )
Large Volume Service Rates	Monthly charge shall consist of a customer charge, a demand charge and a commodity charge ( <a href="http://www.lacledegas.com/rates">www.lacledegas.com/rates</a> )
Interruptible Rate	Monthly charge shall consist of a customer charge, a demand charge and a commodity charge ( <a href="http://www.lacledegas.com/rates">www.lacledegas.com/rates</a> )

<b>Telecommunications</b>	
# of Local Service Providers	2 Wired Providers / Less than 10 Wireless Providers
# Long Distance Service Providers	20
Office of Local Service Provider	AT & T Central Office 402 N. 3rd Street St. Charles, MO 63301
Switch Technology is Digital or Analog	Digital
Fiber Service Provided	YES
Monitored Remotely or On-Site	BOTH
ISDN Availability	YES
ISDN Available from this Switch	YES
ADS2 Available from this Switch	YES
Central Office on Self-Healing Fiber Ring	YES
Dual Feed from 2 Separate Switching Offices Available	YES
<b>Points of Presence (POPs) of Long Distance Carriers</b>	
Carrier - A T & T	
Microwave or Hardware	HARDWIRE
Dual Fiber Fee from Central Switching Office of Local Exchange Carrier	YES
Diverse Routing Available	YES