

Electric Services

Established by the Florida Public Service Commission, UCNSB's electric service area encompasses 71.9 square miles, including 34 square miles inside New Smyrna Beach city limits.

The UCNSB electric system has 115 kV interconnections with Florida Power & Light (FPL) and Progress Energy Florida (PEF) at the Smyrna Substation located west of I-95. There are 3 major substations within UCNSB's territory: Smyrna, Airport, and Field St. substations. From these substations, UCNSB owns and maintains approximately 230 miles of overhead and 40 miles of underground electric circuits.

The power and energy used by UCNSB customers comes from a variety of sources. Ownership interest in FPL's St. Lucie Nuclear Plant and FPC's Crystal River Plant account for approximately 12% of the UCNSB's annual load. The remainder is made up of purchased power contracts with PEF and various other wholesale providers.

UCNSB also has three sites for generating its own power with the use of diesel generators. The facilities are located at the Smith St., Swoope, and Field St. sites. All resources available are evaluated on an hourly basis, and the most economical is dispatched by UCNSB's System Operations staff, 24 hours a day, every day at the Electric Operations Center located on State Route 44.

Did you know...?

- Our **HIGHEST PEAK DAY** for electrical usage was **January 12, 2010** from **7-8 a.m.—109 MW**.
- We have over **12,000 poles** and **4,570 transformers** connecting you to our service.
 - We have **4,800 streetlights** illuminating the city of New Smyrna Beach.
 - UCNSB is one of **33 municipal electric utilities** in Florida.



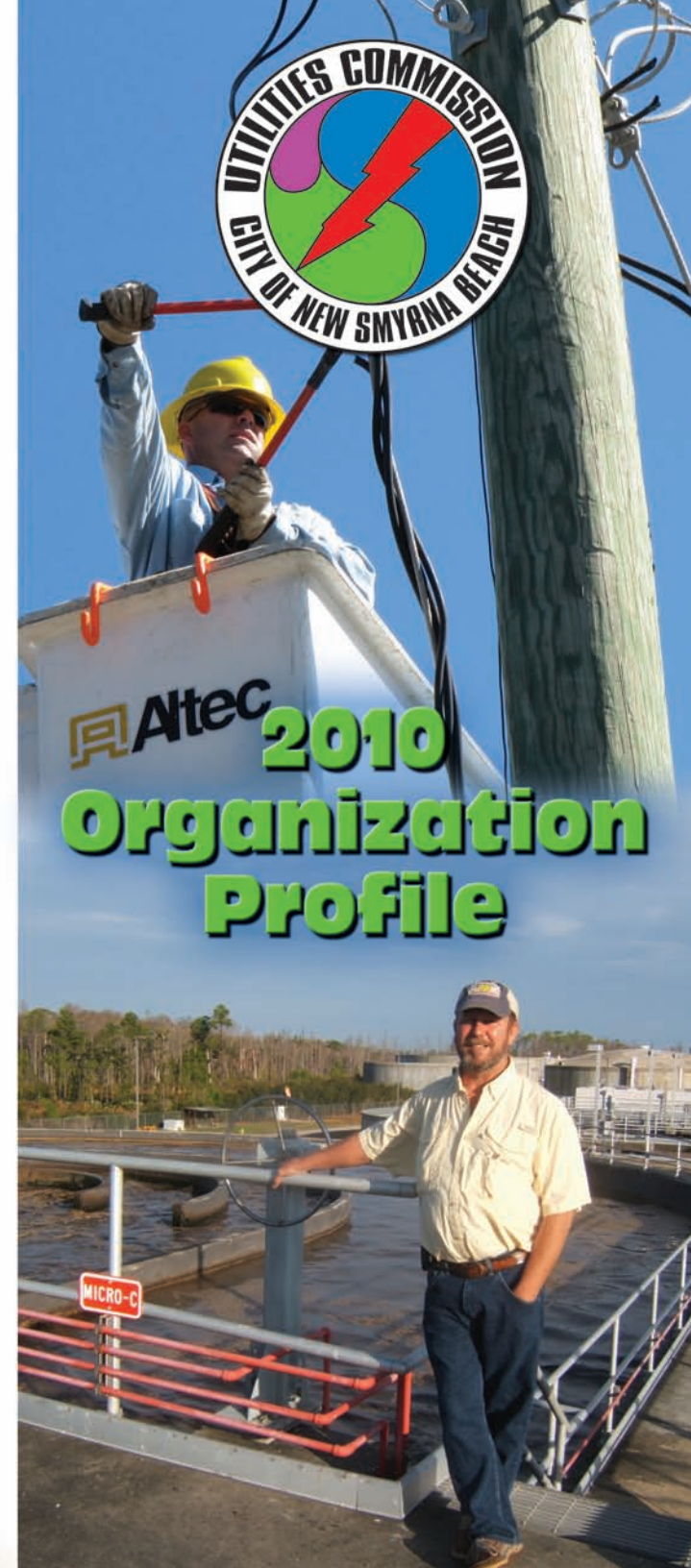
UTILITIES COMMISSION CITY OF NEW SMYRNA BEACH

For more information about
the Utilities Commission,
visit www.ucnsb.org.

*"Connecting You With the Quality of a
New Smyrna Beach Life"*



200 Canal St., NSB, FL 32168
(386) 427-1361 | www.ucnsb.org



About the Utilities Commission

The Utilities Commission, City of New Smyrna Beach, (UCNSB) provides electric, water, wastewater, reuse water and internet service in the greater New Smyrna Beach area.

We have approximately 25,000 electric customers, 23,700 water customers, 19,100 wastewater customers, 895 reuse water customers, and 725 internet customers.

The Utilities Commission is a non-taxing, political subdivision of the State of Florida created by Special Legislative Act, Public Law 67-1754, and as amended by Public Law 85-503.

The Utilities Commission consists of five members who are appointed by the City Commission. Each commissioner is a qualified elector and freeholder in New Smyrna Beach. The Commission meets regularly on the third Monday of the month, at 6 p.m.

The Utilities Commission is funded solely through utility revenues and is not a taxing authority. The FY 2010 (Oct. 1, 2009 to Sept. 30, 2010) budget is \$62.6 million. There are approximately 170 full-time and contract employees directed by a General Manager/CEO who is selected by the Utilities Commission.

Departments at the UC

- Electric Operations
- Engineering
- Executive (includes Public Information)
- Finance (includes Customer Service, Meter, & Purchasing)
- Human Resources
- Information Technology
- System Operations
- Water Resources (includes Potable, Wastewater & Reuse)

Water Resources—Potable

UCNSB serves 23,700 water connections within a service area of 41.3 square miles.

The raw water supply for UCNSB is derived from 19 wells obtaining groundwater from the Floridan aquifer. The consumptive use permit (CUP) from St. Johns River Water Management District is 7.13 million gallons per day (MGD) for 2010.

Did you know...?

- We process approximately 4.6 million gallons per day of water for drinking, and approximately 3.96 MGD of water for reuse on golf courses, medians, and new developments.
- Our HIGHEST water outflow day for 2009 was June 14 — 6.454 MGD.
- Our LOWEST water outflow day for 2009 was November 18— 3.135 MGD.
- We have 290 miles of water pipe, 137 miles of sewer mains, 54.12 miles of force mains and 46 miles of reuse pipe in the ground throughout the city.

Raw water from the well supply is treated at our Class A plant, which is the highest classification level designated by the State. The plant must operate with around the clock personnel 365 days a year. The storage, transmission, and distribution facilities of the water system include over 5 MG of total storage capacity, 5 pumping stations and approximately 234 miles of 6" or larger water mains.

Electric & Water Contact Information

During business hours:

(386) 427-1361

After-hours electric:

(386) 427-1366

After-hours water:

(386) 427-1368

"Ask Curt" water hotline:

(386) 424-3184

Water Resources—Wastewater

Defined by an inter-local agreement with Volusia County, UCNSB has about 19,100 domestic wastewater (sewer) service customers within a service area of 51.1 square miles.

UCNSB'S Class A, 7-MGD Advanced Treatment Water Reclamation Facility (WRF) currently processes approximately 4.1 MGD of wastewater. Most of the highly treated effluent is provided for irrigation in the reuse distribution system. Class B bio-solids produced in the treatment process are used locally as a soil conditioner on approximately 1,200 acres of Florida Dept. of Environmental Protection-permitted sod production fields and pasture land.

The wastewater collection system includes approximately 200 miles of gravity sewer and force mains. There are 91 lift stations operating throughout the collection system. These pump stations are monitored by a computerized SCADA system via radio communications.

Water Resources—Reuse

UCNSB's WRF reuse system consists of:

- 1 high-service pump station
 - Chlorine disinfection system
 - 9 sand filters
 - A 2-million-gallon ground storage tank
 - Approximately 46 miles of transmission/distribution mains
 - A 13-acre reuse storage and distribution pond
- Approximately 895 residential customers, 5 local golf courses, city parks, road right-of-ways/highway medians, and the City's sports complex rely on this product for their irrigation needs.

