

CITY COMMISSION AGENDA  
CITY OF LAKELAND, FLORIDA  
SEPTEMBER 8, 1998

Web Site - <http://www.lakeland.net>

CALL TO ORDER - 9:00 A.M.  
INVOCATION - Rev. Paul Rauscher, Christ Lutheran Church  
SALUTE TO THE FLAG

PROCLAMATIONS - None

PRESENTATIONS - Employee Service Awards  
- Department Report: Cheryl Wahl, Lakeland Fire Department  
Re: Public Education

Consent Agenda: All items listed with an asterisk (\*) are considered to be routine by the City Commission and will be enacted by one motion. There will be no separate discussion of these items unless a City Commissioner or Citizen so requests, in which event the item will be removed from the consent agenda and considered in its normal sequence.

\* Approval of Minutes (with any amendments)

ACTION TAKEN

I. REQUESTS TO APPEAR FROM THE GENERAL PUBLIC

A. Mr. Leslie Grizzard Representing Kiwanis and Rotary Clubs of Lakeland, Presenting Awards Re: COPS Camp

B. Ms. Syble Conner to Discuss Westgate Neighborhood

C. Mr. Sam Sokolik to Discuss Police Radar (Postponed from 8-17-98)

D. Rev. Michael Gaines to Discuss ALMS for Humanity and Other Issues

II. PUBLIC HEARINGS

A. Ordinances (Second Reading)

1. Proposed 98-44; Conditional Use for a Nightclub/Bar at the NE Corner of E. Lemon St. and Kentucky Ave. (1st Rdg. 7-6-98, 2nd Rdg. 7-20-98)

2. Proposed 98-50; Adopting the 1997 Standard Housing Code (As Amended) (1st Rdg. 8-17-98)

B. Public Hearing

1. Proposed Resolution 98-40; Relating to Annexation of Enclaves

III. EQUALIZATION HEARINGS - 10:00 AM

A. Installation of Sidewalk Along South Side of West Carole Street from Lincoln Ave. to Sidewalk East of San Gully Road (Reso. 3868) (Cont'd from 10-20-97 and 4-20-98)  
Continue to 9-21-98

IV. CITY MANAGER

\*

A. Recommendation Concerning The Lakeland Center Restaurant

B. Recommendation to Remove Parking Meters from the Dixieland Parking Lot

\*

C. Report and Recommendation Concerning Lake Bonny Park (tabled from 8-17-98)

\*

D. Recommendation to Contract with Lakeland Regional Medical Center to Provide In-Patient Mental Health Services

E. Stormwater Utility Fee Public Education Program

F. Miscellaneous Reports and Communications

1. Position Vacancies
2. Out-of-State Travel
3. National People's Democratic Uhuru Movement Report Re: LPD (8-17-98)

V. CITY ATTORNEY

A. Ordinances (First Reading)

1. Proposed 98-51; Annexation of 8 Properties Located N. & S. of Drane Field Rd., Lying W. of Ventura Drive West and Kidron Rd.
2. Proposed 98-52; Annexation of Property North and South of Old Tampa Hwy., East of the Polk County Parkway (Pine Valley Dairy)
3. Proposed 98-53; Conditional Use for a Day Care Center at 1736 New Jersey Road (Lakeside Baptist Church)
4. Proposed 98-54; Conditional Use for a Private School and four Modular Classrooms Located at the SW Corner of N. Brunnell Parkway and E. Parker St. (Christ Community Christian Center Church)
5. Proposed 98-55; Modifying a Conditional Use West of Lakeland Hills Blvd. and N. of E. Robson St.
6. Proposed 98-56; Modification to PUD Zoning S. of Fairway Lakes and the 13th Fairway and E. and SE of the 14th Fairway at Grasslands
7. Proposed 98-57; Modification to PUD Zoning East of Harden Blvd. and S. of San Gully Rd.
8. Proposed 98-58; Change in Zoning for Property E. of Harden Blvd. and S. of the Entrance to Sago Grill Restaurant

9. Proposed 98-59; Zoning Property Located S. and W. of Old Combee Rd. Between I-4 and SR 33

10. Proposed 98-60; Amending Section 22.2 of Article II, Division II, Related Laws, of the Charter; Relating to the COL Employees' Pension and Retirement System

11. Proposed 98-61; Amending Section 62-53 & 62-54 of the Code; Relating to the Police Officers' Supplemental Pension & Retirement System

12. Proposed 98-62; Amending Section 42-126 of the Code; Relating to Firefighters' Supplemental Pension Plan

13. Proposed 98-63; Amending Various Sections of Chapter 102 of the Code of the City of Lakeland (Pretreatment)

B. Resolutions

1. Proposed 98-41; Authorizing Execution of a Wireline Crossing Agreement with CSX at the Intersection of Shepherd Road and Old Highway 37

*Line 2*  
*(810) 922-6999*

C. Miscellaneous Reports & Communications

- \*  
1. Memo Re: Recycling Grant Agreement with Polk County
- \*  
2. Memo Re: Task Authorization TEAM-98-01 with Tank Engineering and Management Consultants, Inc.
- \*  
3. Memo Re: Peggy Brown Park - Dedication of City Park and Right of First Refusal
- \*  
4. Memo Re: Development & Disposition Agreement with Geico
- 5. Memo Re: Development Agreement with Foster Wheeler for McIntosh Unit #4
- 6. Memo Re: Engineering and Permitting

Agreement with Foster Wheeler for McIntosh Unit #4 \*

\*  
7. Memo Re: Approval of Short-List for Various Projects for "Electrical Transmission & Distribution Utility Systems Design Services" \*

\*  
8. Memo Re: Task Authorization with Black & Veatch/McIntosh Unit #5 \*

VI. FINANCE DIRECTOR

\*  
A. Appropriation - The Lakeland Center

\*  
B. Increase Estimated Revenue and Appropriation - General Fund (Police)

\*  
C. Increase Estimated Revenue and Appropriation - Lakeland Linder Regional Airport

\*  
D. Increase Estimated Revenue and Appropriation - General Fund, Wastewater Fund, and Lakeland Linder Regional Airport Fund

VII. BOARDS AND COMMITTEES

A. Municipal Boards & Committees (9-4-98)

B. Land Acquisition & Disposition Committee (9-4-98)

VIII. AUDIENCE

## IX. MAYOR AND MEMBERS OF THE CITY COMMISSION

## A. Appointment of Nominees to Community Visioning Steering Committee

## X. CALL FOR ADJOURNMENT

## REMINDER:

September 4            8:00 am            Municipal Boards & Committees Meeting  
(Conf. Rm.)

                         8:30 am            Special-Called City Commission Meeting -  
Canvass Votes (Conf. Rm.)

                         8:35 am            Agenda Study Session (Conf. Rm.)

                         9:30 am            Land Acquisition & Disposition Committee  
(Conf. Rm.)

September 8            (approx).            1:00 pm            Recycling Workshop (Conf. Rm.)

September 9            6:00 pm            Public Hearing Re: Budget/Millage  
(Chambers)

CITY COMMISSION AGENDA  
CITY OF LAKELAND, FLORIDA  
SEPTEMBER 8, 1998  
PAGE 4

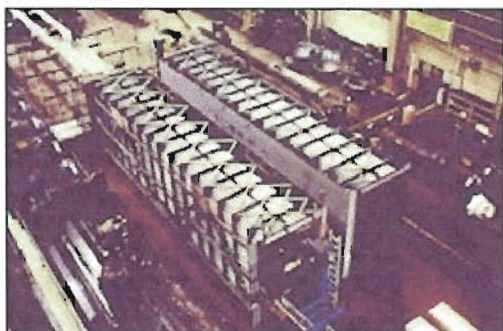
## PRODUCTS WE PRODUCE

[Steam Generators](#) | [Fluidized-Bed Steam Generators](#) | [Auxiliary Power Equipment](#) | [Fired Heaters](#)

### AUXILIARY POWER EQUIPMENT

*Completing the steam-generation picture*

At Foster Wheeler, we know that equipment such as surface condensers, feedwater heaters, and coal pulverizers are integral components of a client's steam-generating system. Our emphasis is on designing this equipment so that it can be incorporated into the overall system with the highest levels of operational and cost efficiency. The same holds true for our NO<sub>x</sub> reduction systems, which can substantially lower emissions of nitrogen oxides from both new and existing power installations.



Foster Wheeler condensers stand apart from the competition because of a proven design philosophy that uses the highest thermal and mechanical standards based on a century of experience. Our feedwater heaters also reflect the highest standards of

design and fabrication.

We've developed two types of highly reliable coal pulverizers to meet the demanding requirements of steam generators fired with pulverized coal: medium-speed vertical roller (MBF) mills and low-speed ball mills. Foster Wheeler MBF roller mills offer low power consumption, reduced maintenance, and high availability. Our low-speed ball mills are especially suitable for pulverizing hard or abrasive fuels with unmatched reliability.

Foster Wheeler is also experienced in the application of systems that can cut NO<sub>x</sub> emissions to very low levels. These systems can be fitted into all types of steam generators, including fluidized-bed units and steam generators in service at waste-to-energy facilities.

---

[Steam Generators](#) | [Fluidized-Bed Steam Generators](#) | [Auxiliary Power Equipment](#) | [Fired Heaters](#)

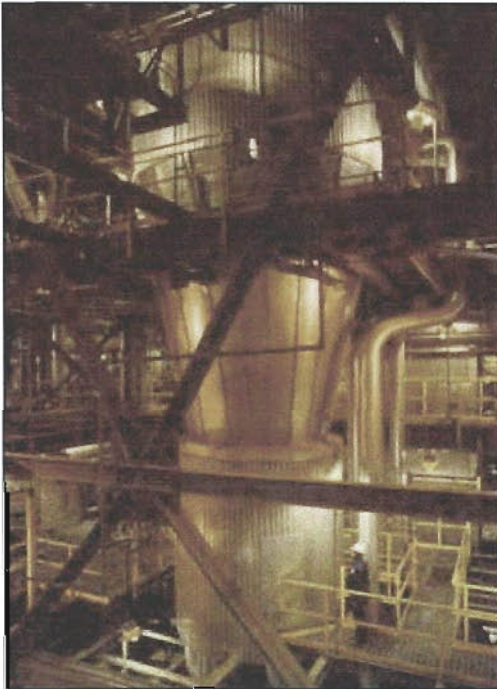
## PRODUCTS WE PRODUCE

Steam Generators | Fluidized-Bed Steam Generators | Auxiliary Power Equipment | Fired Heaters

### FLUIDIZED-BED STEAM GENERATORS

*Cleaner, more efficient power*

Fluidized-bed combustion is fuel efficient and environmentally friendly, making it one of the best approaches to generating steam for utility and industrial applications. Foster Wheeler pioneered the commercial use of fluidized-bed technology, and we have maintained this leadership with our innovative designs for bubbling fluidized-bed (BFB), circulating fluidized-bed (CFB), and pressurized circulating fluidized-bed (PCFB) steam generators.



Bubbling fluidized-bed units are particularly efficient when firing fuels with low heating value and high moisture and ash content. Circulating fluidized-bed technology is a very flexible option for the clean combustion of many fuels, including waste coals, petroleum coke, and even shredded automobile tires. Installed at chemical plants, steel plants, and other industrial facilities around the world, our BFB and CFB designs have an unparalleled record of reliability, easy operation, and low maintenance.

Today, Foster Wheeler has the largest share of the market for circulating fluidized-bed steam generators. Our CFB units incorporate numerous unique features based on our unmatched research, design, operating, and manufacturing experience. In size, our CFB steam generators range from relatively small industrial units to large "utility-scale" installations rated at hundreds of megawatts. Foster Wheeler utility-scale CFB steam generators with reheat are now in service at locations worldwide.

Looking to the future, Foster Wheeler is developing combined-cycle PCFB systems that will be able to operate with efficiencies exceeding those of many conventional power plants firing pulverized coal. This technology has the potential to reduce the cost of energy and further cut the emission of acid-rain gases in utility and industrial applications. In addition to minimizing emissions of sulfur dioxide and nitrogen oxides, combined-cycle



[Return to 1998 News Releases](#)

## NEWS RELEASES

### **FOSTER WHEELER RECEIVES LETTER OF INTENT FROM CITY OF LAKELAND FOR AN ADVANCED COAL-FIRED POWER PLANT**

CLINTON, N.J., September 14, 1998-Foster Wheeler Corporation announced that the City of Lakeland, Florida, has issued a Letter of Intent to Foster Wheeler Energy International, Inc. for engineering and permit support of a new type of coal-fired power plant. The plant will be the first to use Foster Wheeler's Advanced Circulating Fluidized Bed Combined Cycle (ACFBCC) technology to generate electricity with high efficiency and reduced stack gas emissions. This environmentally clean source of electrical power is part of the federal government's Clean Coal Technology Program. The United States Department of Energy and the City of Lakeland will share the cost of the approximately \$390 million plant addition to the City of Lakeland's McIntosh Power Station.

Commenting on the award of this contract, Mr. Henry E. Bartoli, Chairman and CEO of Foster Wheeler Energy International, Inc., said: "The uniqueness of the ACFBCC is its efficiency, which is the highest of any solid fuel technology, as well as its fuel flexibility. Future economic and environmental needs of the power industry will be met by this technology. The Lakeland project strategically positions Foster Wheeler to lead the power industry in the U.S. and abroad into the twenty-first century."

The ACFBCC process incorporates the best features of coal gasification and coal combustion technologies. The plant partially gasifies coal to produce a clean combustible gas that can be fired hot to fuel the most advanced gas turbines. The coal char residue from the partial gasification step is burned in a pressurized circulating fluidized-bed boiler that generates hot air for the gas turbine and steam for a steam turbine. Depending on the gas turbine size and efficiency, this combined gas turbine- steam turbine plant will generate electricity with efficiencies between 40-46 percent (36 percent is typical of present-day coal-fired plants) and at about a 20 percent lower cost of electricity. The process can utilize a wide range of fuels ranging from low quality petroleum coke to high sulfur coal, all with high efficiency, minimum emissions, and reduced capital costs.

The technology was developed by Foster Wheeler in the last 10 years with the assistance of the U.S. Department of Energy through phased demonstrations at Foster Wheeler's research facilities followed by a scaled-up facility at Wilsonville, Alabama. Since the plant is fueled by our nation's most abundant source of energy, coal, it eliminates concerns for the future availability and price of natural gas and, with its high efficiency, it will greatly reduce power station greenhouse gas emissions.

The scope of the Letter of Intent includes permitting support, detailed engineering and initial procurement to finalize the project cost. These efforts will start immediately and the plant is scheduled to be completed in 2003. The project is being supported by Foster Wheeler's engineering, procurement and construction company, Foster Wheeler USA Corporation; steam generator supply company, Foster Wheeler Energy Corporation; and research and development company, Foster Wheeler Development Corporation.

Foster Wheeler Energy International, Inc. designs and fabricates steam-generating equipment for electric utilities, industrial users and public authorities globally. The company is a world leader in the supply of fluidized-bed boilers.

Foster Wheeler Corporation is a global company offering a broad range of design, engineering, construction, manufacturing, project development and management, research, plant operations and environmental services. The Corporation's headquarters are at Clinton, N.J. For more information about Foster Wheeler, visit our World-Wide Web site at [www.fwc.com](http://www.fwc.com).

Contact Alastair Davie at 908-730-4444 for further information, or e-mail to [alastair\\_davie@fwc.com](mailto:alastair_davie@fwc.com).

[Return to top](#)

---

[1996 News Releases](#) | [1997 News Releases](#) | [1998 News Releases](#)

[Return to 1998 News Releases](#)

## NEWS RELEASES

### **FOSTER WHEELER IS AWARDED CONTRACT TO SUPPLY CIRCULATING FLUIDIZED-BED BOILER IN SWEDEN**

CLINTON, N.J., July 9, 1998--Foster Wheeler Corporation announced that Sweden's Stockholm Energi had awarded a contract valued at approximately \$20 million to Foster Wheeler Energia Oy for a circulating fluidized-bed (CFB) boiler to be installed at the company's power plant in Hogdalen, Sweden.

Foster Wheeler Energia Oy, based in Finland, is an operating company of United States-based Foster Wheeler Energy International, Inc.

The CFB, rated at 90 MWth, will be fueled by wood waste and recycled paper. Work on the project, scheduled for completion at the beginning of 2000, will begin immediately.

The Hogdalen power plant, which provides district heating, presently has three boilers fired by recycled refuse and an output of 24 MW of electricity and 154 MW of heat. When first put into operation, the Foster Wheeler CFB will be used only to produce heat, although a turbine will be added later.

The addition of the CFB will increase the facility's heat output by 300 GWh/a to a total of 1000 GWh/a.

The new CFB will represent state-of-the-art technology, including Foster Wheeler's integrated water-cooled separator. This separator, joined to the furnace without expansion joints, is fabricated with flat walls constructed from conventional water-cooled membrane panels and covered with a thin refractory lining. This construction requires less room and has significantly lighter refractory and thus lighter overall weight.

The Hogdalen CFB is designed to meet the stringent emissions levels mandated for recycled fuel, levels based on the standards of the European Union.

Foster Wheeler Energia Oy, which is the leading supplier of recycled-fuel and bio-fueled boilers in Scandinavia, has delivered more than 20 fluidized-bed boilers to clients in Sweden. Nine of these boilers were CFBs.

Foster Wheeler Energy International, Inc. designs and fabricates steam-generating equipment for electric utilities, industrial users and public authorities globally. The company is the world's leading supplier of circulating fluidized-bed boilers.

Foster Wheeler Corporation is a global company offering a broad range of design, engineering, construction, manufacturing, project development and management, research, plant operations and environmental services. The Corporation's headquarters are at Clinton, N.J. For more information about Foster Wheeler, visit our World-Wide Web site at [www.fwc.com](http://www.fwc.com).

Contact Alastair Davie at 908-730-4444 for further information, or e-mail to

[alastair\\_davie@fwc.com](mailto:alastair_davie@fwc.com).

[Return to top](#)

---

[1996 News Releases](#) | [1997 News Releases](#) | [1998 News Releases](#)

[Return to 1998 News Releases](#)

## NEWS RELEASES

### **FOSTER WHEELER WILL SUPPLY LARGEST CFB IN JAPAN FOR NEW IPP POWER PROJECT OF NIPPON CEMENT K.K.**

CLINTON, N.J., July 8, 1998--Foster Wheeler Corporation announced that Foster Wheeler K.K., based in Japan, has been awarded a contract by Sumitomo Heavy Industries, Ltd. for the design and supply of a 149 MWe circulating fluidized-bed (CFB) steam generator.

The new clean-burning CFB, which will be the largest in Japan, will fire a wide variety of solid fuels including bituminous coal, anthracite coals, and petroleum coke. It will be installed at a new independent power production plant of Nippon Cement K.K. in Itoigawa, Niigata Province.

Sumitomo Heavy Industries is the prime contractor for the Nippon Cement IPP project. Other project participants include Fuji Electric Co., Ltd. and Marubeni Corporation. The plant is scheduled for commercial operation in June 2001, with a total engineering-procurement-construction (EPC) price of 14 billion yen that includes civil works, building, and other related services.

Nippon Cement is one of three major cement manufacturers in Japan. Following its planned merger with Chichibu Onoda Cement K.K. in October of this year, it will become the largest cement supplier--with a market share of 40%--in that country. Nippon Cement was granted independent power producer (IPP) status for the new Itoigawa power plant, its first IPP project, in 1997 from Tohoku Electric K.K. under competitive bidding as part of Japan's expanding IPP program.

The Foster Wheeler steam generator will produce steam at a pressure of 16.9 MPa (2460 psi) and a main steam temperature of 569 °C (1055°F), and will utilize a reheat steam cycle with a reheat temperature of 541 °C (1005°F) for high unit efficiency.

In announcing the contract award, Henry E. Bartoli, Chairman and CEO of Foster Wheeler Energy International, Inc., said: "This order is very important to Foster Wheeler because of the strategic value we place on the Japanese market. Foster Wheeler enjoys a unique position in this market, particularly in view of Foster Wheeler K.K.'s 12 years of experience with key sectors of Japan's evolving independent power industry and its proven leadership position in circulating fluidized-bed technology.

"This order also carries special significance to Foster Wheeler because it is a repeat order from Nippon Cement, a valued customer with unusually broad experience in the operation of CFB technology."

Foster Wheeler K.K., a major Japanese subsidiary of Foster Wheeler Energy International, Inc., designs and supplies steam generators and auxiliary equipment for electric utilities, independent power producers, and industrial users. Foster Wheeler K.K. is a leader in the supply of circulating fluidizedbed technology in Japan, holding a market share of 45% of the CFB generating capacity in Japan.

Foster Wheeler Energy International, Inc., designs and supplies steam generators and auxiliary equipment for electric utilities, independent power producers, and industrial users

worldwide. The company is the world's leading supplier of circulating fluidized bed technology.

Foster Wheeler Corporation is a global company offering a broad range of design, engineering, construction, manufacturing, project development and management, research, plant operations and environmental services. The Corporation's headquarters are at Clinton, N.J. For more information about Foster Wheeler, visit our World-Wide Web site at [www.fwc.com](http://www.fwc.com).

Contact Alastair Davie, Public Relations Manager, at 908-730-4444 for further information, or e-mail to [alastair\\_davie@fwc.com](mailto:alastair_davie@fwc.com).

[Return to top](#)

---

[1996 News Releases](#) | [1997 News Releases](#) | [1998 News Releases](#)