



Ms. Blanca Bayo
Division of Records & Reporting
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee 32399-0850

June 5, 1998

Re: 1998 Ten Year Site Plan Errata Sheets

Dear Ms. Bayo:

Please find enclosed, 25 copies of Schedules 7.1, 7.2, 8.0, 9.1 and 9.2 for the City of Lakeland's 1998 Ten Year Site Plan. These copies are corrections to what was originally submitted by Lakeland in April. We regret any inconvenience that this may cause.

If you have questions please contact me as 941-499-6531.

Respectfully,

Paul H. Elwing

- ACK _____
- AFA _____
- APP _____
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- CMU _____ Enclosures
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Revised 6-05-98

| Schedule 7.1 Forecast of Capacity, Demand, and Scheduled Maintenance at time of Summer Peak | | | | | | | | | | | |
|--|--------------------------------|----------------------------|----------------------------|-----|--------------------------------|----------------------------------|---|-----|--------------------------|--|-----------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Year | Total Installed Capacity | Firm Capacity Import | Firm Capacity Export | QF | Total Capacity Available | System Firm Peak Demand | Reserve Margin Before Maintenance | | Scheduled Maintenance | Reserve Margin Before Maintenance | Percentage of Peak |
| | MW | MW | MW | MW | MW | MW | MW | % | MW | MW | % |
| 1998 | 604 | 20 | 0 | 0 | 624 | 497 | 127 | 26 | 0 | 127 | 26 |
| 1999 | 836 | 20 | 0 | 0 | 856 | 510 | 346 | 68 | 0 | 346 | 68 |
| 2000 | 785 | 20 | 0 | 0 | 811 | 524 | 281 | 54 | 0 | 281 | 54 |
| 2001 | 785 | 20 | 0 | 0 | 811 | 535 | 270 | 51 | 0 | 270 | 51 |
| 2002 | 785 | 0 | 0 | 0 | 785 | 548 | 237 | 43 | 0 | 237 | 43 |
| 2003 | 968 | 0 | 0 | 0 | 968 | 560 | 408 | 73 | 0 | 408 | 73 |
| 2004 | 968 | 0 | 0 | 0 | 968 | 571 | 397 | 70 | 0 | 397 | 70 |
| 2005 | 970 | 0 | 0 | 0 | 970 | 584 | 386 | 66 | 0 | 386 | 66 |
| 2006 | 970 | 0 | 0 | 0 | 970 | 594 | 376 | 63 | 0 | 376 | 63 |
| 2007 | 970 | 0 | 0 | 0 | 970 | 607 | 363 | 60 | 0 | 363 | 60 |

Revised 6-05-98

| Schedule 7.2 | | | | | | | | | | | |
|--|--------------------------------|----------------------------|----------------------------|-----|--------------------------------|----------------------------------|---|-----|--------------------------|--|-----------------------|
| Forecast of Capacity, Demand, and Scheduled Maintenance at time of Winter Peak | | | | | | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Year | Total Installed Capacity | Firm Capacity Import | Firm Capacity Export | QF | Total Capacity Available | System Firm Peak Demand | Reserve Margin Before Maintenance | | Scheduled Maintenance | Reserve Margin Before Maintenance | Percentage of Peak |
| | MW | MW | MW | MW | MW | MW | MW | % | MW | MW | % |
| 1998 | 649 | 80 | 0 | 0 | 729 | 570 | 159 | 28 | 0 | 159 | 28 |
| 1999 | 894 | 20 | 0 | 0 | 914 | 588 | 326 | 55 | 0 | 326 | 55 |
| 2000 | 839 | 20 | 0 | 0 | 859 | 607 | 252 | 42 | 0 | 252 | 42 |
| 2001 | 839 | 20 | 0 | 0 | 859 | 626 | 233 | 37 | 0 | 233 | 37 |
| 2002 | 839 | 0 | 0 | 0 | 839 | 645 | 194 | 30 | 0 | 194 | 30 |
| 2003 | 839 | 0 | 0 | 0 | 839 | 663 | 176 | 27 | 0 | 176 | 27 |
| 2004 | 1,022 | 0 | 0 | 0 | 1,022 | 682 | 340 | 50 | 0 | 340 | 50 |
| 2005 | 1,022 | 0 | 0 | 0 | 1,022 | 701 | 321 | 46 | 0 | 321 | 46 |
| 2006 | 1,024 | 0 | 0 | 0 | 1,024 | 720 | 304 | 42 | 0 | 304 | 42 |
| 2007 | 1,024 | 0 | 0 | 0 | 1,024 | 739 | 285 | 39 | 0 | 285 | 39 |

Revised 6-05-98

| Schedule 8.0 Planned and Prospective Generating Facility Additions and Changes | | | | | | | | | | | | | | |
|---|----------|-------------|-----------|---------|------|----------------|------|-------------|-----------------------|---------------------|-------------------|----------------|--------|---------|
| (1) | (2) | (3) | (4) | (5) (6) | | (7) (8) | | (9) | (10) | (11) | (12) | (13) (14) | | (15) |
| Plant Name | Unit No. | Location | Unit Type | Fuel | | Fuel Transport | | Const Start | Commercial In-Service | Expected Retirement | Gen Max Nameplate | Net Capability | | Status |
| | | | | Pri. | Alt. | Pri. | Alt. | Mo/Yr | Mo/Yr | Mo/Yr | kW | Sum MW | Win MW | |
| Charles Larsen Memorial | 1 | Polk County | ST | FO6 | NG | TK | PL | | | 06/99 | 11,500 | 10 | 14 | Planned |
| | 7 | Polk County | ST | NG | FO6 | PL | TK | | | 06/99 | 50,000 | 41.5 | 41.5 | Planned |
| C.D. McIntosh | 501G | Polk County | CT | NG | FO6 | PL | TK | 6/98 | | * 06/99 | 245,000 | 232 | 245 | Planned |
| | DOE PFCB | Polk County | ST | Coal | PC | RR | TK | | | 05/03 | 185,000 | 185 | 185 | Planned |

* This unit is expected to be available to serve load in January 1999 for the winter peak, but will not be declared commercial until June due to manufacturer requested testing period.

| Revised 6-05-98 | | Schedule 9.1 |
|--|---|------------------------------------|
| Status Report and Specifications of Proposed Generating Facilities | | |
| (1) | Plant Name and Unit Number: | Westinghouse 501G, McIntosh Unit 5 |
| (2) | Capacity: | |
| (3) | Summer MW | 232 |
| (4) | Winter MW | 245 |
| (5) | Technology Type: | Simple Cycle |
| (6) | Anticipated Construction Timing: | |
| (7) | Field Construction Start-date: | 06/1998 |
| (8) | Commercial In-Service date: | 06/1999 |
| (9) | Fuel | |
| (10) | Primary | Natural Gas |
| (11) | Alternate | FO2 |
| (12) | Air Pollution Control Strategy: | Low Nox burners |
| (13) | Cooling Method: | N/A |
| (14) | Total Site Area: | |
| (15) | Construction Status: | Planned |
| (16) | Certification Status: | Planned |
| (17) | Status with Federal Agencies: | Permits In Progress |
| (18) | Projected Unit Performance Data: | |
| (19) | Planned Outage Factor (POF): | 3.83 percent |
| (20) | Forced Outage Factor (FOF): | 10.00 percent |
| (21) | Equivalent Availability Factor (EAF): | 13.83 percent |
| (22) | Resulting Capacity Factor (%): | 86.16 percent |
| (23) | Average Net Operating Heat Rate (ANOHR): | 9,486 |
| (24) | Projected Unit Financial Data: | |
| (25) | Book Life: | 25 |
| (26) | Total Installed Cost (In-Service year \$/kW): | 216 |
| (27) | Direct Construction Cost (\$/kW): | |
| (28) | AFUDC Amount (\$/kW): | |
| (29) | Escalation (\$/kW): | |
| (30) | Fixed O&M (\$/kW-yr): | 920 |
| (31) | Variable O&M (\$/MWh): | 0.85 |

| Revised 6-05-98 | | Schedule 9.2 |
|--|--|--------------|
| Status Report and Specifications of Proposed Generating Facilities | | |
| (1) Plant Name and Unit Number: | DOE PCFB, McIntosh Unit 4 | |
| (2) Capacity: | | |
| (3) Summer MW | 183 / 185 Phase I / II | |
| (4) Winter MW | 183 / 185 Phase I / II | |
| (5) Technology Type: | Pressurized Circulating Fluidized Bed | |
| (6) Anticipated Construction Timing: | | |
| (7) Field Construction Start-date: | Undetermined | |
| (8) Commercial In-Service date: | 05/2003 | |
| (9) Fuel | | |
| (10) Primary | Coal | |
| (11) Alternate | Petroleum Coke | |
| (12) Air Pollution Control Strategy: | Cofire Limestone, Ammonia, ceramic air filters | |
| (13) Cooling Method: | Cooling Towers w/ sewage effluent makeup | |
| (14) Total Site Area: | | |
| (15) Construction Status: | Planned | |
| (16) Certification Status: | Not started | |
| (17) Status with Federal Agencies: | Not started | |
| (18) Projected Unit Performance Data: | | |
| (19) Planned Outage Factor (POF): | 7.67 percent | |
| (20) Forced Outage Factor (FOF): | 13.4 percent | |
| (21) Equivalent Availability Factor (EAF): | 21.07 percent | |
| (22) Resulting Capacity Factor (%): | 79.03 percent | |
| (23) Average Net Operating Heat Rate (ANOHR): | 9,600 | |
| (24) Projected Unit Financial Data: | | |
| (25) Book Life: | 25 | |
| (26) Total Installed Cost (In-Service year \$/kW): | 535.14 | |
| (27) Direct Construction Cost (\$/kW): | | |
| (28) AFUDC Amount (\$/kW): | | |
| (29) Escalation (\$/kW): | | |
| (30) Fixed O&M (\$/kW-yr): | 22.61 | |
| (31) Variable O&M (\$/MWh): | 1.73 | |