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February 23, 1999

Ms. Blanca Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Florida Administrative Code, Rule 25-6.0455, Annual Distribution Service Reliability Report

Dear Ms. Bayo:

Pursuant to Florida Administrative Code Rule 25-6.0455, enclosed for filing are the original and 15 copies of Tampa Electric Company's Distribution Service Reliability Report for 1998.

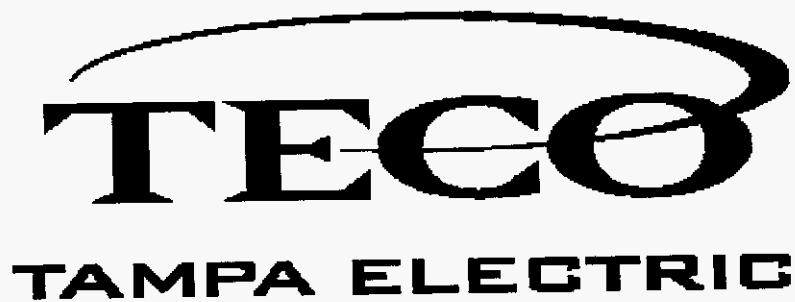
If you have any question, please call me at (813) 228-1752.

Sincerely,

Angela L. Llewellyn
Angela L. Llewellyn
Administrator
Regulatory Coordination

ICK _____
IFA _____
APP _____
CAF _____
CMU _____
CTR _____ Enclosure
EAB _____
LEG _____ cc: J. D. Beasley (w/enclosure)
LIN _____ TAMPA ELECTRIC COMPANY
OPC _____ P.O. BOX 111
RCH _____ TAMPA, FL 33601-0111
SEC _____ 1 HILLSBOROUGH COUNTY 223-0800
WAS _____ OUTSIDE OF HILLSBOROUGH COUNTY 1-888-223-0800
OTH _____ HTTP://WWW.TECOENERGY.COM
AN EQUAL OPPORTUNITY COMPANY

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FPSC-RECORDS/REPORTING



1998 DISTRIBUTION SERVICE
RELIABILITY REPORT
TO THE
FLORIDA PUBLIC SERVICE COMMISSION
AS DESCRIBED IN RULE 25-6.0455

DISTRIBUTION INTERRUPTIONS
BY
CATEGORY

1998 DISTRIBUTION INTERRUPTIONS

| INTERRUPTION TYPE | NUMBER OF INTERRUPTIONS | | |
|--------------------------|-------------------------|-------------|-------|
| | Overhead | Underground | Total |
| Weather and Lightning | 2,509 | 257 | 2,766 |
| Tree or Limb on Line | 880 | 15 | 895 |
| Animals | 1,646 | 78 | 1,724 |
| Cars and Public | 233 | 45 | 278 |
| Dig-In | N/A | 30 | 30 |
| Substation Outage | 33 | N/A | 33 |
| Line Transformer Failure | 357 | N/A | 357 |
| Salt Spray on Insulator | N/A | N/A | N/A |
| Corrosion | 53 | N/A | 53 |
| Other | 1,891 | N/A | 1,891 |
| Unknown | 1,336 | 167 | 1,503 |

| | | | |
|----------------------------|-------|-----|-------|
| Interruptions per Category | 8,938 | 592 | 9,530 |
|----------------------------|-------|-----|-------|

| | |
|-------------------------------------------|--------|
| Average Length of Interruptions (Minutes) | 109.99 |
|-------------------------------------------|--------|

| | |
|----------------------------|----------------------------|
| Distribution Only Indices: | |
| SAIFI | 0.83276 |
| SAIDI | 0.70728 or 42 min. 26 sec. |
| CAIDI | 0.84932 or 50 min. 58 sec. |
| MAIFle | 13.09 |

**THREE PERCENT
HIGHEST INTERRUPTED
DISTRIBUTION CIRCUITS**

1998 Three Percent Highest Interrupted Distribution Circuits

| Circuit | Substation | Service Area | Residential Customers * | Commercial Customers * | Industrial Customers * | Number of Interruptions | Avg. Length (L-Bar) Minutes |
|---------|----------------|--------------|-------------------------|------------------------|------------------------|-------------------------|-----------------------------|
| 14050 | POLK POWER | PC | 498 | 54 | 8 | 9 | 61.8 |
| 13405 | KEYSTONE | WSA | 1305 | 158 | 16 | 6 | 42.8 |
| 13442 | LAKE REGION | WH | 1304 | 56 | 4 | 6 | 22.5 |
| 13382 | PLANT AVENUE | WSA | 1134 | 102 | 24 | 6 | 12.2 |
| 13391 | KIRKLAND | PC | 1607 | 151 | 10 | 4 | 67.5 |
| 13512 | GEORGE ROAD | WSA | 2572 | 174 | 14 | 4 | 53.3 |
| 13064 | HIMES | WSA | 1435 | 105 | 20 | 4 | 50.3 |
| 13482 | WOODLANDS | WSA | 1482 | 245 | 37 | 4 | 46.3 |
| 13117 | LAKE ALFRED | WH | 1106 | 96 | 11 | 4 | 25.5 |
| 13044 | FERN STREET | CSA | 1329 | 105 | 15 | 4 | 21.5 |
| 13924 | LAKE GUM | WH | 458 | 92 | 13 | 4 | 18.5 |
| 13084 | ORIENT PARK | ESA | 24 | 120 | 51 | 4 | 13.5 |
| 13589 | DALE MABRY | WSA | 1328 | 92 | 9 | 3 | 62.7 |
| 13256 | GULF CITY | SH | 1051 | 262 | 15 | 3 | 53.3 |
| 13220 | HABANA | WSA | 683 | 114 | 12 | 3 | 47.3 |
| 13431 | SAN ANTONIO | DC | 1045 | 196 | 15 | 3 | 46.0 |
| 13010 | MULBERRY | PC | 1237 | 137 | 26 | 3 | 44.7 |
| 4056 | MATANZAS | WSA | 263 | 57 | 7 | 3 | 43.3 |
| 13123 | ALEXANDER ROAD | PC | 753 | 195 | 27 | 3 | 39.0 |
| 13206 | LOIS AVENUE | WSA | 1327 | 104 | 13 | 3 | 37.3 |

*Number of Customers by class are estimates

Service Areas:

- 1 - Western
- 2 - Eastern
- 3 - Central

- 4 - Plant City
- 5 - South Hillsborough
- 6 - Winter Haven

7 - Dade City