



Control Number: 30613



Item Number: 13

Addendum StartPage: 0

RECEIVED  
07 FEB 16 PM 2:53  
PUBLIC UTILITY COMMISSION  
FILING CLERK

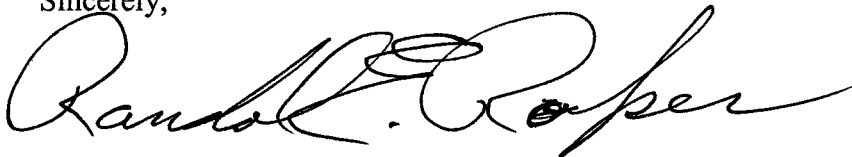
February 16, 2005

Mr. Larry Reed  
Electric Division, Commission Staff  
Public Utility Commission of Texas  
1701 N. Congress  
Austin, TX 78711

Dear Mr. Reed,

Attached please find the Reliability and Continuity of Service Report for the reporting year 2004 for Southwestern Electric Power Company (SWEPCO) for its Texas system. This report is filed in accordance with Substantive Rule Section 25.81, Project 30613. I was working on exceptions to the PFD in Docket No. 25157 that relates to the service quality reports for SWEPCO yesterday and failed to get the attached filed before the end of the day. I apologize for the filing being a day late.

Sincerely,



Randal E. Roper  
Regulatory Case Manager, AEP Texas Regulatory Services

Attachment

**§25.52. -- Reliability and Continuity of Service.**

<http://www.puc.state.tx.us/rules/subrules/electric/25.52/25.52.doc>

**Application.** This section applies to all electric utilities as defined by the Public Utility Regulatory Act (PURA) §31.002(6) and all transmission and distribution utilities as defined by PURA §31.002(19). The term "utility" as used in this section shall mean an electric utility and a transmission and distribution utility.

**Public Utility Regulatory Act §31.002**

<http://www.puc.state.tx.us/rules/statutes/index.cfm>

**DEFINITIONS.**

The term "Electric utility" does not include a municipally owned utility or an electric cooperative.

Information typed in highlighted cells will appear on following sheets.

|                 |  |
|-----------------|--|
| <b>Utility:</b> | Type Name of Utility in the Cell Below<br><b>AEP Southwestern Electric Power</b>                                 |
| <b>Feeders:</b> | Type Total Number of Distribution Feeders in the Cell Below<br><b>252</b>  |
| <b>Due:</b>     | <b>February 15, 2004</b>   |
| <b>File:</b>    | <b>Five Printed Copies and<br/>One Electronic Copy of This Excel File</b>  |
| <b>Project:</b> | <b>30613</b>   |
| <b>Address:</b> | <b>Attn: Filing Clerk<br/>Public Utility Commission of Texas<br/>P.O. Box 13326<br/>Austin, Texas 78711-3326</b> |

If you have any questions, please contact:

Larry Reed  
Electric Division  
Commission Staff

Voice: 512 936 7357

Fax: 512 936 7428

E-mail: <mailto:larry.reed@puc.state.tx.us>

**Service Quality Report**  
**To The**  
**Public Utility Commission of Texas**  
**In Accordance With**  
**Substantive Rule §25.81**  
**2004 Reporting Year**

**AEP Southwestern Electric Power**

**Project 30613**

# Service Quality Report to the Public Utility Commission of Texas

## AEP Southwestern Electric Power

| System SAIFI   | Annual | Jan  | Feb  | March | April | May  | June | July | Aug  | Sept | Oct  | Nov  | Dec  |
|----------------|--------|------|------|-------|-------|------|------|------|------|------|------|------|------|
| Forced         |        |      |      |       |       |      |      |      |      |      |      |      |      |
| 2004           | 1.41   | 0.05 | 0.06 | 0.06  | 0.14  | 0.14 | 0.20 | 0.06 | 0.14 | 0.15 | 0.12 | 0.13 | 0.18 |
| Scheduled      |        |      |      |       |       |      |      |      |      |      |      |      |      |
| 2004           | 0.01   | 0.00 | 0.00 | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| Outside Causes |        |      |      |       |       |      |      |      |      |      |      |      |      |
| 2004           | 0.09   | 0.00 | 0.00 | 0.00  | 0.00  | 0.04 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 |
| Major Events   |        |      |      |       |       |      |      |      |      |      |      |      |      |
| 2004           | 0.47   | 0.00 | 0.00 | 0.00  | 0.00  | 0.00 | 0.47 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| With Storms    | 1.51   |      |      |       |       |      |      |      |      |      |      |      |      |
| Without Storms | 1.99   |      |      |       |       |      |      |      |      |      |      |      |      |

# Service Quality Report to the Public Utility Commission of Texas

## AEP Southwestern Electric Power

| System SAIDI           | Annual | Jan | Feb | March | April | May  | June  | July | Aug  | Sept | Oct | Nov  | Dec  |
|------------------------|--------|-----|-----|-------|-------|------|-------|------|------|------|-----|------|------|
| Forced<br>2004         | 129.3  | 4.5 | 2.7 | 4.7   | 10.9  | 17.1 | 19.3  | 3.6  | 10.1 | 13.3 | 9.5 | 18.2 | 15.6 |
| Scheduled<br>2004      | 0.3    | 0.0 | 0.0 | 0.0   | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  | 0.1  | 0.0 | 0.1  | 0.0  |
| Outside Causes<br>2004 | 11.2   | 0.0 | 0.0 | 0.4   | 0.1   | 1.0  | 4.9   | 2.1  | 0.0  | 0.1  | 0.0 | 1.5  | 1.3  |
| Major Events<br>2004   | 287.3  | 0.0 | 0.0 | 0.0   | 0.0   | 0.2  | 287.1 | 0.0  | 0.0  | 0.1  | 0.0 | 0.0  | 0.0  |

With Storms 140.7  
Without Storms 428.0

# Service Quality Report to the Public Utility Commission of Texas

## Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or More Customers

252

Add or Delete Rows as Necessary

### AEP Southwestern Electric Power

| 2004 SAIFI Ranking | 2003 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 1                  | 16                 | TURNERTOWN                | 1B10                  | 33                  | 8.45             |
| 2                  | 89                 | TEXARKANA PLANT           | 6570                  | 84                  | 7.38             |
| 3                  | 228                | HOWELL                    | 2B60                  | 1,042               | 6.48             |
| 4                  | 143                | SPRINGHILL                | 8190                  | 607                 | 5.55             |
| 5                  | 83                 | 39TH STREET               | 1V70                  | 70                  | 5.04             |
| 6                  | 57                 | HARRISON ROAD             | 11880                 | 3,136               | 4.73             |
| 7                  | 130                | SABINE                    | 5130                  | 1,184               | 4.58             |
| 8                  | 37                 | LONDON                    | 5940                  | 297                 | 4.55             |
| 9                  | 3                  | LEVERETTS CHAPEL          | 5700                  | 125                 | 4.51             |
| 10                 | 218                | LAKE LAMOND               | 4070                  | 1,791               | 4.32             |
| 11                 | 26                 | POYNTER                   | 7590                  | 913                 | 4.24             |
| 12                 | 129                | HARRISON ROAD             | 11870                 | 305                 | 3.97             |
| 13                 | 239                | MT PLEASANT               | 5360                  | 1,118               | 3.83             |
| 14                 | 11                 | FRIARS SWITCH             | 1900                  | 163                 | 3.83             |
| 15                 | 104                | FRIARS SWITCH             | 5790                  | 345                 | 3.73             |
| 16                 | 111                | 12TH STREET               | 2230                  | 103                 | 3.69             |
| 17                 | 2                  | LONDON                    | 5950                  | 268                 | 3.69             |
| 18                 | 55                 | EVENSIDE                  | 1G00                  | 787                 | 3.55             |
| 19                 | 48                 | GILMER                    | 2450                  | 793                 | 3.46             |
| 20                 | 1                  | CENTER                    | 2190                  | 979                 | 3.40             |
| 21                 | 160                | GRAND SALINE              | 7120                  | 859                 | 3.35             |
| 22                 | 108                | GRAND SALINE              | 7110                  | 1,432               | 3.24             |
| 23                 | 8                  | HAWKINS                   | 2530                  | 85                  | 3.14             |
| 24                 | 80                 | NORTH MARSHALL            | 7600                  | 565                 | 3.07             |
| 25                 | 199                | PLILER ROAD               | 10370                 | 2,446               | 3.01             |
| 26                 | 165                | POYNTER                   | 7800                  | 142                 | 2.96             |
| 27                 | 222                | MT PLEASANT               | 5370                  | 343                 | 2.94             |
| 28                 | 112                | GREGGTON                  | 1F50                  | 251                 | 2.84             |
| 29                 | 68                 | KILGORE                   | 3090                  | 342                 | 2.78             |
| 30                 | 12                 | SUGAR HILL                | 2370                  | 259                 | 2.76             |
| 31                 | 138                | HAWKINS                   | 2520                  | 360                 | 2.76             |
| 32                 | 36                 | LOUISIANA PACIFIC         | 8030                  | 193                 | 2.73             |
| 33                 | 149                | LEVERETTS CHAPEL          | 10850                 | 303                 | 2.72             |
| 34                 | 196                | WASKOM                    | 7900                  | 283                 | 2.65             |
| 35                 | 126                | CLARKSVILLE               | 9210                  | 1,025               | 2.64             |
| 36                 | 50                 | KILGORE                   | 7850                  | 99                  | 2.60             |
| 37                 | 33                 | CENTER                    | 9520                  | 867                 | 2.60             |
| 38                 | 45                 | MARSHALL                  | 2000                  | 228                 | 2.57             |
| 39                 | 82                 | NORTH LANEVILLE           | 10660                 | 410                 | 2.57             |
| 40                 | 31                 | WASKOM                    | 7890                  | 483                 | 2.53             |
| 41                 | 72                 | LAKE LAMOND               | 8570                  | 726                 | 2.49             |
| 42                 | 169                | NAPLES                    | 8730                  | 871                 | 2.44             |
| 43                 | 202                | PILGRIMS PRIDE            | 6150                  | 831                 | 2.42             |

# Service Quality Report to the Public Utility Commission of Texas

## AEP Southwestern Electric Power

| 2004 SAIFI Ranking | 2003 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 44                 | 151                | SPRINGHILL                | 6870                  | 736                 | 2.42             |
| 45                 | 69                 | DAINGERFIELD              | 1960                  | 899                 | 2.39             |
| 46                 | 17                 | CENTER                    | 8140                  | 913                 | 2.38             |
| 47                 | 15                 | SPRINGHILL                | 8200                  | 480                 | 2.37             |
| 48                 | 190                | GREGGTON                  | 2A90                  | 513                 | 2.34             |
| 49                 | 94                 | LONGVIEW                  | 5520                  | 1,156               | 2.33             |
| 50                 | 172                | BIG SANDY                 | 7300                  | 641                 | 2.31             |
| 51                 | 54                 | CLARKSVILLE               | 9200                  | 678                 | 2.29             |
| 52                 | 30                 | FRIARS SWITCH             | 5780                  | 141                 | 2.28             |
| 53                 | 9                  | SABINE                    | 5120                  | 27                  | 2.22             |
| 54                 | 120                | HOOKS                     | 10950                 | 495                 | 2.19             |
| 55                 | 134                | LOUISIANA PACIFIC         | 2260                  | 525                 | 2.10             |
| 56                 | 221                | MT VERNON                 | 9140                  | 349                 | 2.10             |
| 57                 | 53                 | NEW GLADEWATER            | 11980                 | 1,006               | 2.09             |
| 58                 | 162                | POYNTER                   | 7680                  | 869                 | 2.08             |
| 59                 | 7                  | GILMER                    | 2490                  | 1,529               | 2.07             |
| 60                 | 42                 | SUGAR HILL                | 2690                  | 1,459               | 2.03             |
| 61                 | 211                | TURNERTOWN                | 1B00                  | 19                  | 2.00             |
| 62                 | 39                 | ATLANTA                   | 2150                  | 572                 | 1.99             |
| 63                 | 43                 | SOUTHEAST LONGVIEW        | 1780                  | 519                 | 1.97             |
| 64                 | 27                 | CLARKSVILLE               | 3660                  | 329                 | 1.96             |
| 65                 | 81                 | AIRLINE                   | 1N30                  | 1,489               | 1.94             |
| 66                 | 60                 | KINGS HWY                 | 9040                  | 1,547               | 1.92             |
| 67                 | 22                 | HALLSVILLE                | 5720                  | 1,077               | 1.88             |
| 68                 | 49                 | ATLANTA                   | 8070                  | 270                 | 1.86             |
| 69                 | 74                 | IPC JEFFERSON             | 8020                  | 882                 | 1.83             |
| 70                 | 63                 | TURNERTOWN                | 1B20                  | 348                 | 1.81             |
| 71                 | 123                | KILGORE                   | 7860                  | 331                 | 1.80             |
| 72                 | 193                | MINEOLA                   | 3680                  | 355                 | 1.74             |
| 73                 | 127                | RICHMOND ROAD             | 6980                  | 977                 | 1.67             |
| 74                 | 66                 | BIG SANDY                 | 7310                  | 583                 | 1.63             |
| 75                 | 145                | CARTHAGE                  | 10240                 | 823                 | 1.61             |
| 76                 | 178                | PLILER ROAD               | 10380                 | 2,894               | 1.60             |
| 77                 | 105                | LONGVIEW HEIGHTS          | 8430                  | 721                 | 1.56             |
| 78                 | 46                 | WESTWOOD                  | 3710                  | 44                  | 1.55             |
| 79                 | 131                | TAYLOR STREET             | 7920                  | 396                 | 1.54             |
| 80                 | 155                | NAPLES                    | 8720                  | 208                 | 1.53             |
| 81                 | 208                | HAWKINS                   | 9410                  | 206                 | 1.52             |
| 82                 | 231                | TEXARKANA OPERATIONS      | 1S80                  | 1,005               | 1.51             |
| 83                 | 191                | ATLANTA                   | 1U80                  | 659                 | 1.51             |
| 84                 | 243                | WASKOM                    | 8180                  | 905                 | 1.51             |
| 85                 | 173                | RICHMOND ROAD             | 5290                  | 1,197               | 1.50             |
| 86                 | 205                | WHITNEY                   | 1480                  | 1,651               | 1.49             |
| 87                 | 21                 | ATLANTA                   | 4460                  | 1,057               | 1.43             |
| 88                 | 70                 | DAINGERFIELD              | 1970                  | 666                 | 1.42             |
| 89                 | 235                | MARSHALL                  | 4630                  | 495                 | 1.42             |
| 90                 | 156                | LONDON                    | 5930                  | 432                 | 1.42             |
| 91                 | 92                 | NEW BOSTON                | 5140                  | 1,331               | 1.41             |



# Service Quality Report to the Public Utility Commission of Texas

## AEP Southwestern Electric Power

| 2004 SAIFI Ranking | 2003 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 92                 | 135                | SOUTHEAST MARSHALL        | 7580                  | 923                 | 1.38             |
| 93                 | 176                | TATUM                     | 10840                 | 629                 | 1.37             |
| 94                 | 216                | WINNSBORO                 | 1P00                  | 762                 | 1.37             |
| 95                 | 124                | SCOTTSVILLE               | 1J30                  | 412                 | 1.36             |
| 96                 | 13                 | DAINGERFIELD              | 1950                  | 146                 | 1.36             |
| 97                 | 47                 | PETTY                     | 11460                 | 812                 | 1.33             |
| 98                 | 147                | KINGS HWY                 | 9030                  | 933                 | 1.33             |
| 99                 | 227                | TAYLOR STREET             | 220                   | 1,052               | 1.32             |
| 100                | 113                | NORTH MARSHALL            | 9800                  | 1,297               | 1.32             |
| 101                | 140                | HOWELL                    | 2B90                  | 242                 | 1.31             |
| 102                | 34                 | HAWKINS                   | 6310                  | 109                 | 1.30             |
| 103                | 223                | MT PLEASANT               | 5190                  | 609                 | 1.29             |
| 104                | 98                 | MT PLEASANT               | 1920                  | 860                 | 1.28             |
| 105                | 215                | KILGORE                   | 3150                  | 586                 | 1.28             |
| 106                | 64                 | PLILER ROAD               | 12470                 | 1,257               | 1.27             |
| 107                | 198                | GILMER                    | 2480                  | 596                 | 1.26             |
| 108                | 24                 | TEXARKANA OPERATIONS      | 7240                  | 1,458               | 1.26             |
| 109                | 101                | SOUTHEAST MARSHALL        | 10160                 | 1,579               | 1.19             |
| 110                | 10                 | JEFFERSON 69KV            | 9340                  | 944                 | 1.19             |
| 111                | 212                | LONGVIEW                  | 5530                  | 120                 | 1.18             |
| 112                | 109                | FRIARS SWITCH             | 5920                  | 203                 | 1.18             |
| 113                | 25                 | NEW BOSTON                | 1620                  | 915                 | 1.18             |
| 114                | 5                  | NEW BOSTON                | 9610                  | 862                 | 1.18             |
| 115                | 44                 | GATES STREET              | 1X70                  | 286                 | 1.17             |
| 116                | 207                | LAKE LAMOND               | 6850                  | 531                 | 1.17             |
| 117                | 181                | NORTH MARSHALL            | 8670                  | 811                 | 1.17             |
| 118                | 163                | AIRLINE                   | 1F10                  | 369                 | 1.16             |
| 119                | 61                 | NORTH MARSHALL            | 8660                  | 527                 | 1.16             |
| 120                | 119                | HUGHES SPRINGS            | 5650                  | 546                 | 1.14             |
| 121                | 187                | NAPLES                    | 3290                  | 511                 | 1.13             |
| 122                | 141                | ATLANTA                   | 2140                  | 1,732               | 1.13             |
| 123                | 62                 | SABINE                    | 5110                  | 72                  | 1.13             |
| 124                | 183                | MINEOLA                   | 9360                  | 512                 | 1.11             |
| 125                | 142                | HOOKS                     | 10960                 | 1,277               | 1.11             |
| 126                | 78                 | ALBA                      | 12400                 | 536                 | 1.10             |
| 127                | 195                | KILGORE                   | 7880                  | 1,006               | 1.09             |
| 128                | 100                | MT PLEASANT               | 1930                  | 240                 | 1.07             |
| 129                | 188                | MARSHALL                  | 590                   | 432                 | 1.05             |
| 130                | 244                | WEST MT PLEASANT          | 1G90                  | 78                  | 1.04             |
| 131                | 75                 | CENTER                    | 2180                  | 13                  | 1.00             |
| 132                | 153                | COOKVILLE                 | 1E70                  | 171                 | 0.98             |
| 133                | 41                 | WHITNEY                   | 4420                  | 489                 | 0.97             |
| 134                | 245                | NORTH MINEOLA             | 5380                  | 202                 | 0.97             |
| 135                | 154                | LONGVIEW                  | 6770                  | 999                 | 0.97             |
| 136                | new                | LOGANSPOUT                | 5770                  | 358                 | 0.94             |
| 137                | 233                | POYNTER                   | 9550                  | 342                 | 0.92             |
| 138                | 133                | CARTHAGE                  | 3370                  | 677                 | 0.91             |
| 139                | 132                | NEW GLADEWATER            | 11970                 | 1,527               | 0.89             |

# Service Quality Report to the Public Utility Commission of Texas

## AEP Southwestern Electric Power

| 2004 SAIFI Ranking | 2003 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 140                | 175                | GREGGTON                  | 1V20                  | 1,473               | 0.88             |
| 141                | 238                | LONGVIEW HEIGHTS          | 8440                  | 32                  | 0.88             |
| 142                | 99                 | HALLSVILLE                | 2380                  | 596                 | 0.87             |
| 143                | 247                | KNOX LEE                  | 1U90                  | 146                 | 0.86             |
| 144                | 110                | EVENSIDE                  | 1F90                  | 1,095               | 0.84             |
| 145                | 158                | KINGS HWY                 | 9540                  | 1,283               | 0.83             |
| 146                | 56                 | NEW HOPE                  | 2120                  | 98                  | 0.83             |
| 147                | 6                  | RICHMOND ROAD             | 1L40                  | 648                 | 0.80             |
| 148                | 146                | SCOTTSVILLE               | 1J10                  | 628                 | 0.80             |
| 149                | 177                | POYNTER                   | 3270                  | 696                 | 0.78             |
| 150                | 171                | SOUTHEAST MARSHALL        | 10170                 | 1,555               | 0.77             |
| 151                | 88                 | 39TH STREET               | 2640                  | 556                 | 0.74             |
| 152                | new                | RODESSA                   | 2700                  | 820                 | 0.70             |
| 153                | 4                  | LONE STAR POWER PLANT     | 6120                  | 20                  | 0.70             |
| 154                | 84                 | BECKVILLE                 | 9120                  | 269                 | 0.70             |
| 155                | 125                | HOWELL                    | 2B80                  | 1,303               | 0.69             |
| 156                | 35                 | CLARKSVILLE               | 9190                  | 938                 | 0.68             |
| 157                | 206                | TENAH                     | 2510                  | 298                 | 0.67             |
| 158                | 242                | WINNSBORO                 | 2040                  | 402                 | 0.67             |
| 159                | 152                | LINDEN                    | 10020                 | 333                 | 0.66             |
| 160                | 166                | BECKVILLE                 | 1U50                  | 330                 | 0.65             |
| 161                | 185                | CARTHAGE                  | 3350                  | 509                 | 0.65             |
| 162                | 91                 | HARRISON ROAD             | 8040                  | 47                  | 0.64             |
| 163                | 58                 | AIRLINE                   | 1S30                  | 131                 | 0.63             |
| 164                | 204                | TEXARKANA PLANT           | 7960                  | 1,525               | 0.61             |
| 165                | 38                 | MINEOLA                   | 7130                  | 1,221               | 0.60             |
| 166                | 96                 | TEXARKANA PLANT           | 7980                  | 232                 | 0.59             |
| 167                | 114                | DEKALB                    | 3200                  | 342                 | 0.58             |
| 168                | 32                 | LIBERTY CITY              | 7990                  | 742                 | 0.57             |
| 169                | 128                | MARSHALL                  | 580                   | 868                 | 0.56             |
| 170                | 161                | KILGORE                   | 7190                  | 659                 | 0.55             |
| 171                | 18                 | NEW HOPE                  | 8000                  | 1,216               | 0.54             |
| 172                | 77                 | WHITNEY                   | 4080                  | 874                 | 0.50             |
| 173                | 121                | CARTHAGE                  | 3360                  | 339                 | 0.50             |
| 174                | 65                 | 39TH STREET               | 2630                  | 1,317               | 0.49             |
| 175                | 139                | DEKALB                    | 2440                  | 546                 | 0.49             |
| 176                | 168                | LAKE LAMOND               | 4400                  | 662                 | 0.48             |
| 177                | 159                | IPC 69KV                  | 1R60                  | 36                  | 0.47             |
| 178                | 106                | 39TH STREET               | 2610                  | 113                 | 0.47             |
| 179                | 102                | TAYLOR STREET             | 9510                  | 1,064               | 0.47             |
| 180                | 224                | CARTHAGE                  | 5760                  | 797                 | 0.46             |
| 181                | 174                | PETTY                     | 11470                 | 1,035               | 0.45             |
| 182                | 73                 | SOUTHEAST MARSHALL        | 10180                 | 1,298               | 0.43             |
| 183                | 67                 | TENAH                     | 2500                  | 380                 | 0.42             |
| 184                | 144                | PITTSBURG                 | 5450                  | 992                 | 0.42             |
| 185                | 180                | CLARKSVILLE               | 9180                  | 387                 | 0.42             |
| 186                | 51                 | TEXARKANA PLANT           | 6710                  | 1,568               | 0.42             |
| 187                | 137                | DEKALB                    | 2430                  | 865                 | 0.42             |

# Service Quality Report to the Public Utility Commission of Texas

## AEP Southwestern Electric Power

| 2004 SAIFI Ranking | 2003 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 188                | 115                | GATES STREET              | 1X40                  | 739                 | 0.41             |
| 189                | 213                | LAKE LAMOND               | 1380                  | 1,742               | 0.40             |
| 190                | 229                | WHITNEY                   | 1A00                  | 628                 | 0.40             |
| 191                | 87                 | KILGORE                   | 7870                  | 352                 | 0.38             |
| 192                | 117                | WINFIELD                  | 4100                  | 102                 | 0.38             |
| 193                | 76                 | KILGORE                   | 4650                  | 516                 | 0.38             |
| 194                | 95                 | TAYLOR STREET             | 4290                  | 946                 | 0.38             |
| 195                | 225                | MONROE CORNERS            | 6510                  | 48                  | 0.38             |
| 196                | 29                 | GREGGTON                  | 1F70                  | 1,684               | 0.37             |
| 197                | 201                | TAYLOR STREET             | 6760                  | 1,152               | 0.36             |
| 198                | 167                | NEW BOSTON                | 9620                  | 364                 | 0.36             |
| 199                | 157                | TAYLOR STREET             | 5080                  | 536                 | 0.36             |
| 200                | 179                | TEXARKANA OPERATIONS      | 7830                  | 891                 | 0.34             |
| 201                | 194                | AIRLINE                   | 1E90                  | 1,159               | 0.33             |
| 202                | 122                | MINEOLA                   | 10990                 | 1,053               | 0.33             |
| 203                | 214                | PITTSBURG                 | 8680                  | 257                 | 0.32             |
| 204                | 40                 | MT VERNON                 | 12760                 | 859                 | 0.31             |
| 205                | 19                 | WHITNEY                   | 1490                  | 1,596               | 0.30             |
| 206                | 20                 | TEXARKANA OPERATIONS      | 11630                 | 549                 | 0.29             |
| 207                | 103                | LONGVIEW HEIGHTS          | 1B40                  | 1,010               | 0.29             |
| 208                | 93                 | EVENSIDE                  | 1G10                  | 1,047               | 0.28             |
| 209                | 189                | LAKE LAMOND               | 9430                  | 527                 | 0.28             |
| 210                | 219                | BLOOMBURG                 | 7350                  | 334                 | 0.27             |
| 211                | 86                 | 39TH STREET               | 1V60                  | 951                 | 0.26             |
| 212                | 182                | LONGVIEW HEIGHTS          | 9240                  | 805                 | 0.26             |
| 213                | 150                | RICHMOND ROAD             | 4020                  | 777                 | 0.26             |
| 214                | 230                | AIRLINE                   | 1F00                  | 1,170               | 0.25             |
| 215                | 14                 | LEVERETTS CHAPEL          | 5200                  | 432                 | 0.25             |
| 216                | 236                | TEXARKANA OPERATIONS      | 1S90                  | 500                 | 0.22             |
| 217                | 184                | WHITNEY                   | 4090                  | 337                 | 0.22             |
| 218                | 148                | SOUTHEAST MARSHALL        | 10920                 | 718                 | 0.22             |
| 219                | 59                 | COOKVILLE                 | 1E60                  | 115                 | 0.22             |
| 220                | 85                 | PITTSBURG                 | 5460                  | 1,312               | 0.21             |
| 221                | 71                 | LINDEN                    | 2540                  | 967                 | 0.20             |
| 222                | 220                | LONGVIEW HEIGHTS          | 9000                  | 509                 | 0.19             |
| 223                | 164                | GREGGTON                  | 1F60                  | 83                  | 0.18             |
| 224                | 23                 | WINFIELD                  | 2B70                  | 500                 | 0.17             |
| 225                | 197                | LAKE LAMOND               | 9770                  | 260                 | 0.17             |
| 226                | 97                 | WINNSBORO                 | 2050                  | 1,026               | 0.17             |
| 227                | 234                | RICHMOND ROAD             | 8050                  | 1,051               | 0.17             |
| 228                | 79                 | LAKE LAMOND               | 6860                  | 35                  | 0.14             |
| 229                | 210                | PETTY                     | 8370                  | 90                  | 0.13             |
| 230                | 28                 | CLARKSVILLE               | 3670                  | 425                 | 0.12             |
| 231                | 209                | LONGVIEW                  | 5510                  | 858                 | 0.12             |
| 232                | 52                 | LONGVIEW                  | 5550                  | 123                 | 0.12             |
| 233                | 203                | HUGHES SPRINGS            | 1Z00                  | 738                 | 0.12             |
| 234                | 118                | LAKE LAMOND               | 9440                  | 361                 | 0.12             |
| 235                | 226                | MARSHALL UPTOWN           | 3210                  | 226                 | 0.11             |

## Service Quality Report to the Public Utility Commission of Texas

### AEP Southwestern Electric Power

| 2004 SAIFI Ranking | 2003 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 236                | 186                | MT VERNON                 | 9130                  | 367                 | 0.10             |
| 237                | 237                | BALDWIN                   | 2200                  | 11                  | 0.09             |
| 238                | 90                 | JEFFERSON 69KV            | 9350                  | 124                 | 0.09             |
| 239                | 136                | WEST MT PLEASANT          | 1L00                  | 421                 | 0.08             |
| 240                | new                | SUPERIOR                  | 3750                  | 32                  | 0.06             |
| 241                | 170                | MONROE CORNERS            | 6520                  | 152                 | 0.05             |
| 242                | new                | VIVIAN                    | 8990                  | 734                 | 0.04             |
| 243                | 192                | PLEASANT HILL             | 11894                 | 23                  | 0.04             |
| 244                | 217                | WEST MT PLEASANT          | 1G70                  | 95                  | 0.04             |
| 245                | 116                | LONGVIEW                  | 5540                  | 105                 | 0.03             |
| 246                | 246                | SOUTHEAST LONGVIEW        | 4190                  | 51                  | 0.02             |
| 247                | 107                | GATES STREET              | 1X60                  | 314                 | 0.02             |
| 248                | new                | VIVIAN                    | 8980                  | 620                 | 0.02             |
| 249                | 240                | MARSHALL UPTOWN           | 3220                  | 98                  | 0.01             |
| 250                | 232                | TEXARKANA PLANT           | 7970                  | 1,669               | 0.00             |
| 251                | new                | 12TH STREET               | 6180                  | 31                  | 0.00             |
| 252                | new                | NETTLETON                 | 6130                  | 208                 | 0.00             |

# Service Quality Report to the Public Utility Commission of Texas

## Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

Total Number of Feeders

With 10 or More Customers

**252**

Add or Delete Rows as Necessary

## **AEP Southwestern Electric Power**

| 2004 SAIDI Ranking | 2003 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 1                  | 218                | HOWELL                    | 2B60                  | 1,042               | 1,448.8          |
| 2                  | 16                 | TURNERTOWN                | 1B10                  | 33                  | 901.2            |
| 3                  | 56                 | KILGORE                   | 3090                  | 342                 | 653.3            |
| 4                  | 135                | POYNTER                   | 7800                  | 142                 | 638.5            |
| 5                  | 80                 | SPRINGHILL                | 8190                  | 607                 | 534.3            |
| 6                  | 52                 | WESTWOOD                  | 3710                  | 44                  | 494.5            |
| 7                  | 64                 | HARRISON ROAD             | 11880                 | 3,136               | 488.7            |
| 8                  | 1                  | SABINE                    | 5120                  | 27                  | 481.0            |
| 9                  | 109                | 12TH STREET               | 2230                  | 103                 | 468.8            |
| 10                 | 17                 | FRIARS SWITCH             | 1900                  | 163                 | 455.9            |
| 11                 | 96                 | TEXARKANA PLANT           | 6570                  | 84                  | 435.5            |
| 12                 | 24                 | LONDON                    | 5940                  | 297                 | 424.1            |
| 13                 | 120                | LEVERETTS CHAPEL          | 10850                 | 303                 | 413.7            |
| 14                 | 102                | GILMER                    | 2450                  | 793                 | 407.3            |
| 15                 | 115                | HARRISON ROAD             | 11870                 | 305                 | 407.0            |
| 16                 | 49                 | PLILER ROAD               | 12470                 | 1,257               | 377.5            |
| 17                 | 101                | HOOKS                     | 10950                 | 495                 | 373.7            |
| 18                 | 7                  | LONDON                    | 5950                  | 268                 | 370.3            |
| 19                 | 5                  | CENTER                    | 8140                  | 913                 | 368.6            |
| 20                 | 154                | BIG SANDY                 | 7300                  | 641                 | 351.7            |
| 21                 | 185                | POYNTER                   | 7680                  | 869                 | 350.6            |
| 22                 | 28                 | KILGORE                   | 7850                  | 99                  | 332.6            |
| 23                 | 63                 | SABINE                    | 5130                  | 1,184               | 330.2            |
| 24                 | 216                | LAKE LAMOND               | 6850                  | 531                 | 322.0            |
| 25                 | 4                  | LEVERETTS CHAPEL          | 5700                  | 125                 | 318.2            |
| 26                 | 121                | FRIARS SWITCH             | 5920                  | 203                 | 293.3            |
| 27                 | 9                  | HAWKINS                   | 2530                  | 85                  | 286.2            |
| 28                 | 30                 | WASKOM                    | 7890                  | 483                 | 284.6            |
| 29                 | 242                | MT PLEASANT               | 5360                  | 1,118               | 272.4            |
| 30                 | 73                 | GREGGTON                  | 1F50                  | 251                 | 264.5            |
| 31                 | 198                | MINEOLA                   | 9360                  | 512                 | 264.3            |
| 32                 | 239                | NORTH MINEOLA             | 5380                  | 202                 | 258.0            |
| 33                 | 112                | GRAND SALINE              | 7110                  | 1,432               | 254.5            |
| 34                 | 113                | 39TH STREET               | 1V70                  | 70                  | 253.2            |
| 35                 | 110                | WASKOM                    | 7900                  | 283                 | 253.1            |
| 36                 | 199                | LAKE LAMOND               | 4070                  | 1,791               | 252.2            |
| 37                 | 18                 | NORTH LANEVILLE           | 10660                 | 410                 | 248.0            |
| 38                 | 40                 | TURNERTOWN                | 1B20                  | 348                 | 238.8            |
| 39                 | 77                 | FRIARS SWITCH             | 5790                  | 345                 | 238.8            |
| 40                 | 29                 | CLARKSVILLE               | 3660                  | 329                 | 237.6            |
| 41                 | new                | LOGANSPORT                | 5770                  | 358                 | 230.0            |
| 42                 | 48                 | SUGAR HILL                | 2370                  | 259                 | 229.3            |
| 43                 | 21                 | MARSHALL                  | 2000                  | 228                 | 223.5            |

## Service Quality Report to the Public Utility Commission of Texas

### AEP Southwestern Electric Power

| 2004 SAIDI Ranking | 2003 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 44                 | 50                 | CLARKSVILLE               | 9200                  | 678                 | 219.7            |
| 45                 | 158                | PLILER ROAD               | 10370                 | 2,446               | 215.6            |
| 46                 | 13                 | CENTER                    | 9520                  | 867                 | 215.0            |
| 47                 | 26                 | BIG SANDY                 | 7310                  | 583                 | 214.7            |
| 48                 | 3                  | CENTER                    | 2190                  | 979                 | 212.8            |
| 49                 | 178                | GRAND SALINE              | 7120                  | 859                 | 210.6            |
| 50                 | 72                 | ATLANTA                   | 2150                  | 572                 | 210.3            |
| 51                 | 27                 | LOUISIANA PACIFIC         | 8030                  | 193                 | 206.6            |
| 52                 | 74                 | RICHMOND ROAD             | 6980                  | 977                 | 205.1            |
| 53                 | 210                | MT PLEASANT               | 5370                  | 343                 | 203.0            |
| 54                 | 132                | NAPLES                    | 8730                  | 871                 | 203.0            |
| 55                 | 33                 | SUGAR HILL                | 2690                  | 1,459               | 202.5            |
| 56                 | 123                | HAWKINS                   | 2520                  | 360                 | 201.4            |
| 57                 | 176                | POYNTER                   | 3270                  | 696                 | 200.0            |
| 58                 | 124                | LOUISIANA PACIFIC         | 2260                  | 525                 | 195.1            |
| 59                 | 2                  | DAINGERFIELD              | 1950                  | 146                 | 191.9            |
| 60                 | 196                | GREGGTON                  | 2A90                  | 513                 | 189.3            |
| 61                 | 37                 | GILMER                    | 2490                  | 1,529               | 188.2            |
| 62                 | 14                 | CENTER                    | 2180                  | 13                  | 186.0            |
| 63                 | 220                | MT VERNON                 | 9140                  | 349                 | 182.0            |
| 64                 | 138                | LAKE LAMOND               | 8570                  | 726                 | 180.0            |
| 65                 | 142                | LONGVIEW                  | 5520                  | 1,156               | 179.2            |
| 66                 | 62                 | CLARKSVILLE               | 9210                  | 1,025               | 174.7            |
| 67                 | 19                 | SPRINGHILL                | 8200                  | 480                 | 174.0            |
| 68                 | 207                | PILGRIMS PRIDE            | 6150                  | 831                 | 171.7            |
| 69                 | 86                 | DAINGERFIELD              | 1960                  | 899                 | 171.5            |
| 70                 | 169                | SPRINGHILL                | 6870                  | 736                 | 170.7            |
| 71                 | 23                 | EVENSIDE                  | 1G00                  | 787                 | 168.7            |
| 72                 | 35                 | FRIARS SWITCH             | 5780                  | 141                 | 167.5            |
| 73                 | 83                 | NEW GLADEWATER            | 11980                 | 1,006               | 166.7            |
| 74                 | 186                | LONDON                    | 5930                  | 432                 | 166.2            |
| 75                 | 104                | SOUTHEAST LONGVIEW        | 1780                  | 519                 | 166.0            |
| 76                 | 78                 | LONGVIEW HEIGHTS          | 8430                  | 721                 | 164.3            |
| 77                 | 75                 | HALLSVILLE                | 5720                  | 1,077               | 160.3            |
| 78                 | 182                | PLILER ROAD               | 10380                 | 2,894               | 157.0            |
| 79                 | 6                  | LONE STAR POWER PLANT     | 6120                  | 20                  | 157.0            |
| 80                 | 161                | KINGS HWY                 | 9030                  | 933                 | 156.3            |
| 81                 | 87                 | KILGORE                   | 7860                  | 331                 | 155.6            |
| 82                 | 164                | TAYLOR STREET             | 7920                  | 396                 | 154.5            |
| 83                 | 38                 | NEW HOPE                  | 2120                  | 98                  | 153.5            |
| 84                 | 225                | WINNSBORO                 | 1P00                  | 762                 | 149.6            |
| 85                 | 204                | GILMER                    | 2480                  | 596                 | 145.1            |
| 86                 | 82                 | ALBA                      | 12400                 | 536                 | 143.7            |
| 87                 | 55                 | POYNTER                   | 7590                  | 913                 | 143.3            |
| 88                 | 116                | CARTHAGE                  | 10240                 | 823                 | 137.4            |
| 89                 | 95                 | AIRLINE                   | 1N30                  | 1,489               | 135.7            |
| 90                 | 206                | ATLANTA                   | 1U80                  | 659                 | 132.4            |
| 91                 | 39                 | ATLANTA                   | 8070                  | 270                 | 131.3            |

# Service Quality Report to the Public Utility Commission of Texas

## AEP Southwestern Electric Power

| 2004 SAIDI Ranking | 2003 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 92                 | 25                 | PETTY                     | 11460                 | 812                 | 131.2            |
| 93                 | 189                | TURNERTOWN                | 1B00                  | 19                  | 126.1            |
| 94                 | 126                | MT PLEASANT               | 1920                  | 860                 | 122.3            |
| 95                 | 12                 | COOKVILLE                 | 1E60                  | 115                 | 122.2            |
| 96                 | 188                | RICHMOND ROAD             | 5290                  | 1,197               | 121.0            |
| 97                 | 195                | KILGORE                   | 7880                  | 1,006               | 119.3            |
| 98                 | 245                | WEST MT PLEASANT          | 1G90                  | 78                  | 117.5            |
| 99                 | 94                 | BECKVILLE                 | 9120                  | 269                 | 114.3            |
| 100                | 184                | TEXARKANA PLANT           | 7960                  | 1,525               | 111.8            |
| 101                | 163                | NAPLES                    | 8720                  | 208                 | 110.6            |
| 102                | 145                | NORTH MARSHALL            | 7600                  | 565                 | 108.6            |
| 103                | 139                | NAPLES                    | 3290                  | 511                 | 107.7            |
| 104                | 36                 | ATLANTA                   | 4460                  | 1,057               | 106.8            |
| 105                | 42                 | IPC JEFFERSON             | 8020                  | 882                 | 106.8            |
| 106                | 133                | TATUM                     | 10840                 | 629                 | 106.1            |
| 107                | 174                | SCOTTSVILLE               | 1J10                  | 628                 | 103.8            |
| 108                | 114                | NEW BOSTON                | 5140                  | 1,331               | 102.8            |
| 109                | 217                | MT PLEASANT               | 5190                  | 609                 | 102.4            |
| 110                | 162                | ATLANTA                   | 2140                  | 1,732               | 101.7            |
| 111                | 221                | MARSHALL                  | 590                   | 432                 | 100.8            |
| 112                | 60                 | KINGS HWY                 | 9040                  | 1,547               | 97.8             |
| 113                | 200                | WHITNEY                   | 1480                  | 1,651               | 97.5             |
| 114                | 46                 | GATES STREET              | 1X70                  | 286                 | 97.4             |
| 115                | 146                | COOKVILLE                 | 1E70                  | 171                 | 97.1             |
| 116                | 32                 | WHITNEY                   | 4080                  | 874                 | 93.6             |
| 117                | 203                | AIRLINE                   | 1F10                  | 369                 | 90.8             |
| 118                | 98                 | 39TH STREET               | 2640                  | 556                 | 90.4             |
| 119                | 208                | SOUTHEAST MARSHALL        | 10160                 | 1,579               | 86.6             |
| 120                | 160                | HOOKS                     | 10960                 | 1,277               | 86.5             |
| 121                | 201                | MINEOLA                   | 3680                  | 355                 | 83.9             |
| 122                | 153                | TENAHA                    | 2510                  | 298                 | 83.4             |
| 123                | 194                | KINGS HWY                 | 9540                  | 1,283               | 82.3             |
| 124                | 76                 | LINDEN                    | 10020                 | 333                 | 81.3             |
| 125                | 129                | NEW GLADEWATER            | 11970                 | 1,527               | 81.0             |
| 126                | 67                 | DAINGERFIELD              | 1970                  | 666                 | 80.7             |
| 127                | new                | SUPERIOR                  | 3750                  | 32                  | 80.1             |
| 128                | new                | RODESSA                   | 2700                  | 820                 | 80.1             |
| 129                | 59                 | MT PLEASANT               | 1930                  | 240                 | 78.2             |
| 130                | 79                 | LONGVIEW                  | 6770                  | 999                 | 75.8             |
| 131                | 47                 | AIRLINE                   | 1S30                  | 131                 | 74.9             |
| 132                | 31                 | HAWKINS                   | 6310                  | 109                 | 74.4             |
| 133                | 20                 | NEW BOSTON                | 9610                  | 862                 | 73.2             |
| 134                | 84                 | SCOTTSVILLE               | 1J30                  | 412                 | 72.8             |
| 135                | 85                 | LIBERTY CITY              | 7990                  | 742                 | 72.6             |
| 136                | 237                | POYNTER                   | 9550                  | 342                 | 72.1             |
| 137                | 130                | EVENSIDE                  | 1F90                  | 1,095               | 70.5             |
| 138                | 125                | NORTH MARSHALL            | 9800                  | 1,297               | 70.1             |
| 139                | 214                | KILGORE                   | 3150                  | 586                 | 69.4             |

# Service Quality Report to the Public Utility Commission of Texas

## AEP Southwestern Electric Power

| 2004 SAIDI Ranking | 2003 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 140                | 168                | GREGGTON                  | 1V20                  | 1,473               | 68.2             |
| 141                | 43                 | SABINE                    | 5110                  | 72                  | 67.9             |
| 142                | 223                | TAYLOR STREET             | 220                   | 1,052               | 67.7             |
| 143                | 122                | CARTHAGE                  | 3370                  | 677                 | 66.5             |
| 144                | 183                | BECKVILLE                 | 1U50                  | 330                 | 65.7             |
| 145                | 230                | MARSHALL                  | 4630                  | 495                 | 64.4             |
| 146                | 10                 | NEW HOPE                  | 8000                  | 1,216               | 63.4             |
| 147                | 150                | LONGVIEW                  | 5530                  | 120                 | 63.0             |
| 148                | 8                  | RICHMOND ROAD             | 1L40                  | 648                 | 62.7             |
| 149                | 69                 | HOWELL                    | 2B80                  | 1,303               | 62.0             |
| 150                | 170                | TEXARKANA OPERATIONS      | 7830                  | 891                 | 61.6             |
| 151                | 235                | TEXARKANA OPERATIONS      | 1S80                  | 1,005               | 61.4             |
| 152                | 171                | DEKALB                    | 2440                  | 546                 | 61.3             |
| 153                | 173                | SOUTHEAST MARSHALL        | 10170                 | 1,555               | 59.4             |
| 154                | 15                 | JEFFERSON 69KV            | 9340                  | 944                 | 58.2             |
| 155                | 224                | HAWKINS                   | 9410                  | 206                 | 58.2             |
| 156                | 119                | HALLSVILLE                | 2380                  | 596                 | 57.9             |
| 157                | 137                | DEKALB                    | 3200                  | 342                 | 57.4             |
| 158                | 34                 | CLARKSVILLE               | 9190                  | 938                 | 57.2             |
| 159                | 243                | WASKOM                    | 8180                  | 905                 | 55.4             |
| 160                | 141                | HUGHES SPRINGS            | 5650                  | 546                 | 55.1             |
| 161                | 165                | SOUTHEAST MARSHALL        | 7580                  | 923                 | 54.4             |
| 162                | 247                | KNOX LEE                  | 1U90                  | 146                 | 52.2             |
| 163                | 106                | MARSHALL                  | 580                   | 868                 | 52.1             |
| 164                | 180                | LAKE LAMOND               | 4400                  | 662                 | 51.4             |
| 165                | 51                 | MT VERNON                 | 12760                 | 859                 | 51.0             |
| 166                | 159                | GREGGTON                  | 1F60                  | 83                  | 50.7             |
| 167                | 147                | PITTSBURG                 | 5450                  | 992                 | 50.4             |
| 168                | 22                 | NEW BOSTON                | 1620                  | 915                 | 50.4             |
| 169                | 61                 | WHITNEY                   | 1490                  | 1,596               | 49.0             |
| 170                | 192                | CARTHAGE                  | 3350                  | 509                 | 48.0             |
| 171                | 45                 | TEXARKANA PLANT           | 7980                  | 232                 | 46.3             |
| 172                | 105                | GATES STREET              | 1X40                  | 739                 | 44.3             |
| 173                | 233                | PITTSBURG                 | 8680                  | 257                 | 44.1             |
| 174                | 70                 | WHITNEY                   | 4420                  | 489                 | 43.0             |
| 175                | 187                | IPC 69KV                  | 1R60                  | 36                  | 42.8             |
| 176                | 68                 | TENAHA                    | 2500                  | 380                 | 41.5             |
| 177                | 197                | PETTY                     | 11470                 | 1,035               | 40.6             |
| 178                | 229                | WINNSBORO                 | 2040                  | 402                 | 40.3             |
| 179                | 143                | KILGORE                   | 7190                  | 659                 | 40.0             |
| 180                | 227                | MONROE CORNERS            | 6510                  | 48                  | 39.6             |
| 181                | 89                 | HARRISON ROAD             | 8040                  | 47                  | 38.2             |
| 182                | 202                | LAKE LAMOND               | 1380                  | 1,742               | 37.6             |
| 183                | 65                 | TEXARKANA OPERATIONS      | 7240                  | 1,458               | 37.1             |
| 184                | 44                 | EVENSIDE                  | 1G10                  | 1,047               | 37.0             |
| 185                | 177                | NEW BOSTON                | 9620                  | 364                 | 37.0             |
| 186                | 90                 | MINEOLA                   | 7130                  | 1,221               | 36.2             |
| 187                | 107                | CARTHAGE                  | 3360                  | 339                 | 34.4             |



# Service Quality Report to the Public Utility Commission of Texas

## AEP Southwestern Electric Power

| 2004 SAIDI Ranking | 2003 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 188                | 66                 | GREGGTON                  | 1F70                  | 1,684               | 34.0             |
| 189                | 175                | LONGVIEW HEIGHTS          | 9240                  | 805                 | 32.6             |
| 190                | 127                | DEKALB                    | 2430                  | 865                 | 32.4             |
| 191                | 53                 | KILGORE                   | 7870                  | 352                 | 32.0             |
| 192                | 211                | WHITNEY                   | 1A00                  | 628                 | 31.6             |
| 193                | 219                | CLARKSVILLE               | 9180                  | 387                 | 31.4             |
| 194                | 108                | SOUTHEAST MARSHALL        | 10180                 | 1,298               | 31.1             |
| 195                | 57                 | WINFIELD                  | 4100                  | 102                 | 31.1             |
| 196                | 11                 | LEVERETTS CHAPEL          | 5200                  | 432                 | 30.8             |
| 197                | 205                | TAYLOR STREET             | 5080                  | 536                 | 30.2             |
| 198                | 157                | NORTH MARSHALL            | 8670                  | 811                 | 29.9             |
| 199                | 166                | AIRLINE                   | 1E90                  | 1,159               | 29.5             |
| 200                | 222                | LONGVIEW HEIGHTS          | 9000                  | 509                 | 29.4             |
| 201                | 92                 | KILGORE                   | 4650                  | 516                 | 29.4             |
| 202                | 117                | NORTH MARSHALL            | 8660                  | 527                 | 26.9             |
| 203                | 152                | HOWELL                    | 2B90                  | 242                 | 26.5             |
| 204                | 215                | CARTHAGE                  | 5760                  | 797                 | 25.8             |
| 205                | 111                | LINDEN                    | 2540                  | 967                 | 25.4             |
| 206                | 99                 | 39TH STREET               | 2630                  | 1,317               | 25.3             |
| 207                | 226                | AIRLINE                   | 1F00                  | 1,170               | 25.0             |
| 208                | 81                 | TAYLOR STREET             | 9510                  | 1,064               | 24.4             |
| 209                | 118                | 39TH STREET               | 1V60                  | 951                 | 24.2             |
| 210                | 41                 | WINFIELD                  | 2B70                  | 500                 | 24.0             |
| 211                | 97                 | LAKE LAMOND               | 9770                  | 260                 | 22.6             |
| 212                | 241                | RICHMOND ROAD             | 8050                  | 1,051               | 22.5             |
| 213                | 54                 | TEXARKANA PLANT           | 6710                  | 1,568               | 22.1             |
| 214                | 58                 | TEXARKANA OPERATIONS      | 11630                 | 549                 | 21.7             |
| 215                | 128                | LAKE LAMOND               | 6860                  | 35                  | 19.7             |
| 216                | 191                | BLOOMBURG                 | 7350                  | 334                 | 19.7             |
| 217                | 181                | TAYLOR STREET             | 4290                  | 946                 | 19.6             |
| 218                | 151                | MINEOLA                   | 10990                 | 1,053               | 19.1             |
| 219                | 172                | LONGVIEW HEIGHTS          | 1B40                  | 1,010               | 18.4             |
| 220                | 134                | 39TH STREET               | 2610                  | 113                 | 17.8             |
| 221                | 190                | WHITNEY                   | 4090                  | 337                 | 17.4             |
| 222                | 155                | MT VERNON                 | 9130                  | 367                 | 17.3             |
| 223                | 213                | LAKE LAMOND               | 9430                  | 527                 | 16.5             |
| 224                | 167                | RICHMOND ROAD             | 4020                  | 777                 | 14.8             |
| 225                | 212                | TAYLOR STREET             | 6760                  | 1,152               | 14.6             |
| 226                | 131                | LONGVIEW                  | 5550                  | 123                 | 14.2             |
| 227                | 88                 | JEFFERSON 69KV            | 9350                  | 124                 | 13.9             |
| 228                | 179                | LONGVIEW                  | 5510                  | 858                 | 13.5             |
| 229                | 231                | TEXARKANA OPERATIONS      | 1S90                  | 500                 | 13.4             |
| 230                | 91                 | CLARKSVILLE               | 3670                  | 425                 | 13.0             |
| 231                | 148                | PITTSBURG                 | 5460                  | 1,312               | 12.1             |
| 232                | 156                | MONROE CORNERS            | 6520                  | 152                 | 11.6             |
| 233                | 149                | SOUTHEAST MARSHALL        | 10920                 | 718                 | 10.7             |
| 234                | 93                 | WINNSBORO                 | 2050                  | 1,026               | 10.5             |
| 235                | 71                 | LAKE LAMOND               | 9440                  | 361                 | 10.5             |

## Service Quality Report to the Public Utility Commission of Texas

### AEP Southwestern Electric Power

| 2004 SAIDI Ranking | 2003 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2004 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 236                | 144                | WEST MT PLEASANT          | 1L00                  | 421                 | 10.3             |
| 237                | 193                | MARSHALL UPTOWN           | 3210                  | 226                 | 9.3              |
| 238                | 103                | PLEASANT HILL             | 11894                 | 23                  | 6.4              |
| 239                | 232                | BALDWIN                   | 2200                  | 11                  | 5.8              |
| 240                | 244                | LONGVIEW HEIGHTS          | 8440                  | 32                  | 5.3              |
| 241                | 100                | HUGHES SPRINGS            | 1Z00                  | 738                 | 5.2              |
| 242                | new                | VIVIAN                    | 8990                  | 734                 | 4.2              |
| 243                | 236                | PETTY                     | 8370                  | 90                  | 3.3              |
| 244                | 136                | LONGVIEW                  | 5540                  | 105                 | 2.5              |
| 245                | 234                | WEST MT PLEASANT          | 1G70                  | 95                  | 2.2              |
| 246                | new                | VIVIAN                    | 8980                  | 620                 | 1.0              |
| 247                | 140                | GATES STREET              | 1X60                  | 314                 | 0.7              |
| 248                | 246                | SOUTHEAST LONGVIEW        | 4190                  | 51                  | 0.5              |
| 249                | 240                | MARSHALL UPTOWN           | 3220                  | 98                  | 0.4              |
| 250                | 228                | TEXARKANA PLANT           | 7970                  | 1,669               | 0.2              |
| 251                | new                | 12TH STREET               | 6180                  | 31                  | 0.0              |
| 252                | new                | NETTLETON                 | 6130                  | 208                 | 0.0              |

Service Quality Report to the Public Utility Commission of Texas

**AEP Southwestern Electric Power**

**FORCED INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2004 Reporting Year

| <b>Causes of Forced Interruptions</b>  | <b>Percentage</b> |
|--|-------------------|
| Animals and Birds                      | 19.73%            |
| Other                                  | 2.13%             |
| People (Including cars and farm equip) | 3.08%             |
| Unknown                                | 0.86%             |
| Utility-owned Equipment                | 9.78%             |
| Vegetation                             | 36.77%            |
| Weather (Including Lightning)          | 27.66%            |