



Control Number: 27270



Item Number: 13

Addendum StartPage: 0

**§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>Austin Energy</b>   |
| <b>Feeders:</b> | Type Total Number of Distribution Feeders in the Cell Below<br><b>255 with &gt; 10</b>                           |
| <b>Due:</b>     | <b>February 14, 2003</b>   |
| <b>File:</b>    | <b>Five Printed Copies and<br/>One Electronic Copy of This Excel File</b>  |
| <b>Project:</b> | <b><u>27270</u></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> |

PUBLIC UTILITY COMMISSION  
FILING CLERK  
2003 JUL 31 PM 12:44

If you have any questions, please contact:

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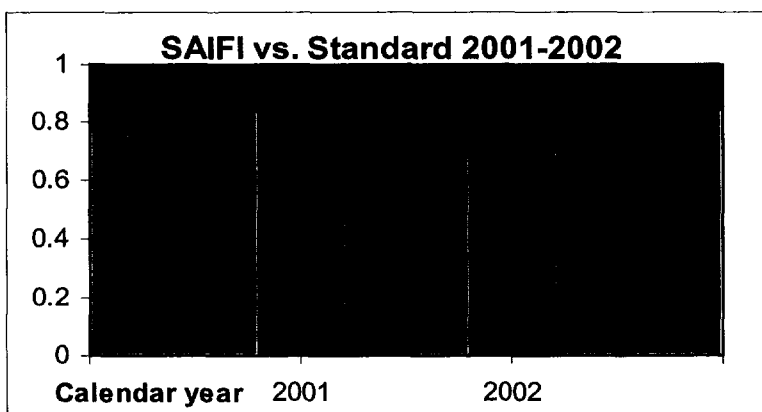
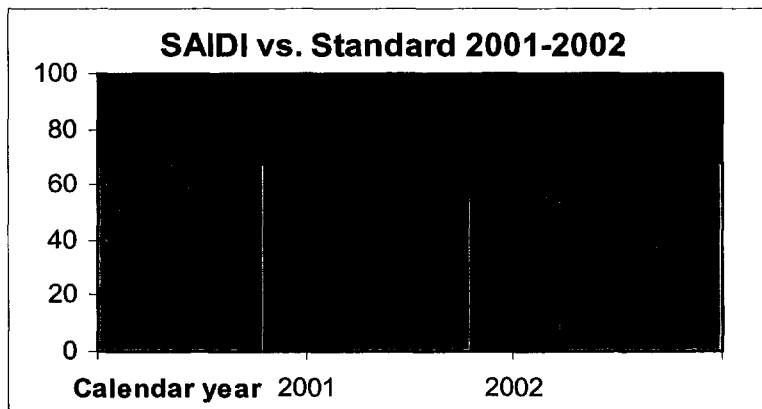
**Service Quality Report**  
**To The**  
**Public Utility Commission of Texas**  
**In Accordance With**  
**Substantive Rule §25.81**  
**2002 Reporting Year**

**Austin Energy**

**Project 27270**

Austin Energy was delayed in submitting this report due to the implementation of a new outage system at the end of September 2002.

The charts below depict Austin Energy's 2001 and 2002 SAIDI and SAIFI performance compared to the standard set for Austin Energy from 1998 – 2000.



Analysis of distribution feeder performance goals shows 4 feeders in the top 10% of SAIFI in 2001 and 2002, HC01, JV04, JV05 and SK03. Tree trimming and inspection of these circuits has resulted in substantial improvement by July of 2003 of JV04 and JV05. Trimming was completed in May of 2002 on HC01 and in June of 2003 on SK03.

Only one feeder, WL01, continued in the top 10% of SAIDI for 2002. With tree trimming and inspection completed in May of 2002, WL01 has shown fewer outages affecting more than 20 customers and no circuit lockouts through 6/2003.

No Austin Energy feeders fall into the category of two consecutive years with a SAIDI or SAIFI 300% greater than the system average of all feeders.

# Service Quality Report to the Public Utility Commission of Texas

## **Austin Energy**

| <b>System SAIFI</b>   | <b>Annual</b> | <b>Jan</b> | <b>Feb</b> | <b>March</b> | <b>April</b> | <b>May</b> | <b>June</b> | <b>July</b> | <b>Aug</b> | <b>Sept</b> | <b>Oct</b> | <b>Nov</b> | <b>Dec</b> |
|-----------------------|---------------|------------|------------|--------------|--------------|------------|-------------|-------------|------------|-------------|------------|------------|------------|
| <b>Forced</b>         | 0.67489       | 0.02331    | 0.02365    | 0.03591      | 0.03794      | 0.07408    | 0.12829     | 0.09831     | 0.07716    | 0.03533     | 0.04633    | 0.05359    | 0.04099    |
| <b>2002</b>           |               |            |            |              |              |            |             |             |            |             |            |            |            |
| <b>Scheduled</b>      | 0.02871       | 0.00138    | 0.00199    | 0.00277      | 0.00162      | 0.00329    | 0.00108     | 0.00459     | 0.00677    | 0.0019      | 0.00099    | 0.0009     | 0.00142    |
| <b>2002</b>           |               |            |            |              |              |            |             |             |            |             |            |            |            |
| <b>Outside Causes</b> | 0.31486       | 0.01525    | 0.01709    | 0.05595      | 0.02535      | 0.03626    | 0.04692     | 0.0671      | 0.0059     | 0.01188     | 0.00546    | 0.01198    | 0.01571    |
| <b>2002</b>           |               |            |            |              |              |            |             |             |            |             |            |            |            |
| <b>Major Events</b>   | 0.00          | 0.00       | 0.00       | 0.00         | 0.00         | 0.00       | 0.00        | 0.00        | 0.00       | 0.00        | 0.00       | 0.00       | 0.00       |
| <b>2002</b>           |               |            |            |              |              |            |             |             |            |             |            |            |            |

# Service Quality Report to the Public Utility Commission of Texas

## **Austin Energy**

| <b>System SAIDI</b>            | <b>Annual</b> | <b>Jan</b> | <b>Feb</b> | <b>March</b> | <b>April</b> | <b>May</b> | <b>June</b> | <b>July</b> | <b>Aug</b> | <b>Sept</b> | <b>Oct</b> | <b>Nov</b> | <b>Dec</b> |
|--------------------------------|---------------|------------|------------|--------------|--------------|------------|-------------|-------------|------------|-------------|------------|------------|------------|
| <b>Forced<br/>2002</b>         | 53.2079       | 1.6229     | 2.5266     | 2.4677       | 3.3350       | 4.4715     | 13.5142     | 6.0300      | 7.6492     | 3.0841      | 2.7803     | 2.9277     | 2.7987     |
| <b>Scheduled<br/>2002</b>      | 2.97619       | 0.12455    | 0.16651    | 0.30035      | 0.18486      | 0.4323     | 0.14766     | 0.18458     | 0.58309    | 0.34168     | 0.10221    | 0.18505    | 0.22334    |
| <b>Outside Causes<br/>2002</b> | 22.1171       | 1.18138    | 0.73287    | 4.40029      | 1.21525      | 1.53461    | 5.19362     | 5.43322     | 0.67597    | 0.46379     | 0.41182    | 0.29164    | 0.58262    |
| <b>Major Events<br/>2002</b>   | 0.00          | 0.00       | 0.00       | 0.00         | 0.00         | 0.00       | 0.00        | 0.00        | 0.00       | 0.00        | 0.00       | 0.00       | 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

With More Than 10 Customers

Add or Delete Rows as Necessary

Total Number of Feeders

**255 with > 10**

### Austin Energy

| 2002 SAIFI Ranking | 2001 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 1                  | 62                 | Hi-Cross                  | HC09                  | 1815                | 5.4413           |
| 2                  | 41                 | Dessau                    | DE01                  | 1793                | 4.3664           |
| 3                  | 117                | Seaholm Plant             | SP02                  | 1006                | 4.1620           |
| 4                  | 72                 | Hi-Cross                  | HC05                  | 3483                | 3.0985           |
| 5                  | 54                 | Barton                    | BA01                  | 37                  | 2.8649           |
| 6                  | 3                  | Hi-Cross                  | HC01                  | 2879                | 2.5238           |
| 7                  | 125                | Commons Ford              | CF01                  | 627                 | 2.4625           |
| 8                  | 36                 | Wheless Lane              | WL01                  | 1883                | 2.3946           |
| 9                  | 192                | Angus Valley              | AG04                  | 2783                | 2.3723           |
| 10                 | 133                | Northland                 | NL08                  | 2372                | 2.3103           |
| 11                 | 71                 | Warren                    | WA06                  | 1834                | 2.2874           |
| 12                 | 95                 | Barton                    | BA07                  | 94                  | 2.2660           |
| 13                 | 202                | Burleson                  | BU03                  | 2084                | 2.2207           |
| 14                 | 12                 | Jollyville                | JV04                  | 1911                | 2.1784           |
| 15                 | 158                | Slaughter Lane            | SL01                  | 3437                | 2.1737           |
| 16                 | 220                | Hamilton                  | HM06                  | 369                 | 2.1084           |
| 17                 | not in service     | Patton Lane               | PL07                  | 208                 | 2.1010           |
| 18                 | 14                 | Sprinkle                  | SK03                  | 799                 | 2.0926           |
| 19                 | 28                 | Oak Hill                  | OH09                  | 2553                | 2.0697           |
| 20                 | 60                 | Seaholm Plant             | SP11                  | 408                 | 2.0221           |
| 21                 | 16                 | Jollyville                | JV05                  | 1515                | 2.0073           |
| 22                 | not in service     | Summit                    | SU09                  | 1531                | 2.0000           |
| 23                 | 152                | Koenig Lane               | KL03                  | 1413                | 1.9731           |
| 24                 | 127                | Northland                 | NL11                  | 2413                | 1.8259           |
| 25                 | 27                 | Seaholm Plant             | SP10                  | 496                 | 1.6633           |
| 26                 | 91                 | Koenig Lane               | KL12                  | 460                 | 1.6174           |
| 27                 | 178                | Patton Lane               | PL02                  | 1093                | 1.6157           |
| 28                 | 5                  | Seaholm Plant             | SP01                  | 1753                | 1.5938           |
| 29                 | 108                | Bergstrom                 | BE05                  | 1607                | 1.5638           |
| 30                 | 47                 | Wheless Lane              | WL04                  | 1589                | 1.5274           |
| 31                 | 37                 | Bergstrom                 | BE02                  | 277                 | 1.4477           |
| 32                 | 50                 | Carson Creek              | CC05                  | 1450                | 1.4462           |
| 33                 | 81                 | Steck                     | ST06                  | 1042                | 1.4347           |
| 34                 | 121                | Magnesium                 | MP05                  | 2036                | 1.4278           |
| 35                 | 184                | Daffin Gin                | DG01                  | 3427                | 1.4144           |
| 36                 | 97                 | Commons Ford              | CF02                  | 1528                | 1.3829           |
| 37                 | 112                | Steck                     | ST01                  | 2563                | 1.3820           |
| 38                 | 11                 | Bee Creek                 | BC03                  | 1370                | 1.3737           |
| 39                 | 6                  | Bee Creek                 | BC05                  | 2127                | 1.3545           |
| 40                 | 217                | Williamson                | WI09                  | 995                 | 1.3276           |
| 41                 | 53                 | Salem Walk                | SW05                  | 2310                | 1.3121           |
| 42                 | 17                 | Lakeway                   | LW03                  | 812                 | 1.2845           |
| 43                 | 82                 | Williamson                | WI11                  | 3460                | 1.2777           |

# Service Quality Report to the Public Utility Commission of Texas

## Austin Energy

| 2002 SAIFI Ranking | 2001 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 44                 | 18                 | Lakeway                   | LW02                  | 1335                | 1.2764           |
| 45                 | 234                | Cameron                   | CM03                  | 262                 | 1.2748           |
| 46                 | 205                | Jett                      | JE03                  | 924                 | 1.2738           |
| 47                 | 113                | Walnut Creek              | WC08                  | 707                 | 1.2659           |
| 48                 | 48                 | Brodie Lane               | BL04                  | 2767                | 1.2573           |
| 49                 | 148                | Bee Creek                 | BC06                  | 993                 | 1.2568           |
| 50                 | 31                 | Wheless Lane              | WL02                  | 1434                | 1.2273           |
| 51                 | 69                 | Summit                    | SU06                  | 331                 | 1.2266           |
| 52                 | 195                | Brodie Lane               | BL03                  | 392                 | 1.2194           |
| 53                 | 201                | Brodie Lane               | BL02                  | 690                 | 1.2159           |
| 54                 | 216                | Barton                    | BA04                  | 1181                | 1.2032           |
| 55                 | 235                | Lakeshore                 | LS06                  | 1381                | 1.2006           |
| 56                 | 207                | Kingsbery                 | KB05                  | 441                 | 1.1950           |
| 57                 | 119                | Wheless Lane              | WL06                  | 3343                | 1.1905           |
| 58                 | 138                | Burleson                  | BU01                  | 2283                | 1.1704           |
| 59                 | 186                | Hidden Valley             | HV01                  | 1502                | 1.1651           |
| 60                 | 169                | Pedernales                | PE05                  | 1287                | 1.1647           |
| 61                 | 159                | Lakeway                   | LW04                  | 387                 | 1.1447           |
| 62                 | 110                | Salem Walk                | SW01                  | 2208                | 1.1440           |
| 63                 | not in service     | Fiesta                    | FI01                  | 1739                | 1.1311           |
| 64                 | 229                | Steck                     | ST08                  | 792                 | 1.1301           |
| 65                 | 204                | Angus Valley              | AG03                  | 1203                | 1.1280           |
| 66                 | 84                 | Slaughter Lane            | SL04                  | 922                 | 1.1161           |
| 67                 | not in service     | Onion Creek               | OC01                  | 978                 | 1.1155           |
| 68                 | 221                | Williamson                | WI01                  | 1845                | 1.1062           |
| 69                 | 214                | Dessau                    | DE03                  | 884                 | 1.0995           |
| 70                 | 226                | Carson Creek              | CC03                  | 1820                | 1.0940           |
| 71                 | 154                | Howard Lane               | HL03                  | 1756                | 1.0923           |
| 72                 | 123                | Carson Creek              | CC06                  | 209                 | 1.0813           |
| 73                 | 153                | Howard Lane               | HL02                  | 2029                | 1.0774           |
| 74                 | 124                | Wheless Lane              | WL07                  | 2558                | 1.0645           |
| 75                 | 172                | Seaholm Plant             | SP07                  | 270                 | 1.0556           |
| 76                 | 15                 | Techridge                 | TR02                  | 1682                | 1.0452           |
| 77                 | 26                 | Barton                    | BA09                  | 1956                | 1.0450           |
| 78                 | 33                 | Patton Lane               | PL01                  | 917                 | 1.0414           |
| 79                 | not in service     | Barton                    | BA10                  | 701                 | 1.0271           |
| 80                 | 88                 | Jett                      | JE04                  | 1006                | 1.0139           |
| 81                 | 106                | Steck                     | ST04                  | 1123                | 1.0000           |
| 82                 | 32                 | Warren                    | WA05                  | 663                 | 0.9668           |
| 83                 | 130                | Trading Post              | TP01                  | 306                 | 0.9608           |
| 84                 | 109                | Commons Ford              | CF04                  | 1536                | 0.9082           |
| 85                 | not in service     | Onion Creek               | OC02                  | 1403                | 0.9052           |
| 86                 | 68                 | Koenig Lane               | KL01                  | 772                 | 0.8057           |
| 87                 | 155                | Seaholm Plant             | SP09                  | 1608                | 0.7649           |
| 88                 | 187                | Pedernales                | PE02                  | 3305                | 0.7380           |
| 89                 | 21                 | North                     | NO08                  | 364                 | 0.7363           |
| 90                 | 46                 | Northland                 | NL15                  | 1623                | 0.7203           |
| 91                 | 44                 | Slaughter Lane            | SL05                  | 2427                | 0.7070           |



# Service Quality Report to the Public Utility Commission of Texas

## Austin Energy

| 2002 SAIFI Ranking | 2001 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 92                 | 162                | Fiskville                 | FV06                  | 1496                | 0.6925           |
| 93                 | 4                  | Northland                 | NL14                  | 761                 | 0.6754           |
| 94                 | 128                | Commons Ford              | CF05                  | 691                 | 0.6744           |
| 95                 | 198                | Cardinal Lane             | CL08                  | 1176                | 0.6633           |
| 96                 | 38                 | Jollyville                | JV08                  | 839                 | 0.6603           |
| 97                 | 8                  | Howard Lane               | HL01                  | 990                 | 0.6444           |
| 98                 | 140                | Koenig Lane               | KL06                  | 1471                | 0.6383           |
| 99                 | 132                | Northland                 | NL02                  | 975                 | 0.5928           |
| 100                | 77                 | Williamson                | WI02                  | 900                 | 0.5678           |
| 101                | 177                | Daffin Gin                | DG02                  | 169                 | 0.5621           |
| 102                | 157                | Cardinal Lane             | CL01                  | 1461                | 0.5483           |
| 103                | not in service     | Fiesta                    | FI05                  | 2135                | 0.5293           |
| 104                | 45                 | Sprinkle                  | SK01                  | 391                 | 0.5192           |
| 105                | 86                 | Seaholm Plant             | SP12                  | 2444                | 0.5176           |
| 106                | 98                 | Cardinal Lane             | CL07                  | 1237                | 0.5174           |
| 107                | 136                | Austin Dam                | AD02                  | 925                 | 0.5103           |
| 108                | 144                | Hamilton                  | HM05                  | 2831                | 0.5079           |
| 109                | 181                | Oak Hill                  | OH07                  | 1012                | 0.5030           |
| 110                | 129                | Koenig Lane               | KL14                  | 2786                | 0.5029           |
| 111                | 141                | Cardinal Lane             | CL11                  | 2149                | 0.4872           |
| 112                | 146                | Warren                    | WA02                  | 462                 | 0.4848           |
| 113                | 139                | Northland                 | NL13                  | 1737                | 0.4698           |
| 114                | 111                | Hamilton                  | HM01                  | 1361                | 0.4600           |
| 115                | 145                | North                     | NO04                  | 1468                | 0.4571           |
| 116                | 51                 | Lakeshore                 | LS01                  | 1233                | 0.4469           |
| 117                | 99                 | Hamilton                  | HM09                  | 882                 | 0.4365           |
| 118                | 183                | Commons Ford              | CF03                  | 369                 | 0.4201           |
| 119                | 66                 | Hi-Cross                  | HC03                  | 1595                | 0.4182           |
| 120                | 188                | Fiskville                 | FV05                  | 1388                | 0.4128           |
| 121                | not in service     | Summit                    | SU01                  | 172                 | 0.4128           |
| 122                | 161                | Austin Dam                | AD05                  | 1966                | 0.4049           |
| 123                | 34                 | Brodie Lane               | BL01                  | 2477                | 0.4029           |
| 124                | 65                 | Howard Lane               | HL04                  | 3258                | 0.3837           |
| 125                | 151                | Pedernales                | PE09                  | 1217                | 0.3788           |
| 126                | 87                 | Koenig Lane               | KL10                  | 2014                | 0.3729           |
| 127                | 171                | Grove                     | GR07                  | 1331                | 0.3719           |
| 128                | 61                 | Fiskville                 | FV01                  | 2574                | 0.3714           |
| 129                | 166                | Bergstrom                 | BE03                  | 705                 | 0.3560           |
| 130                | 80                 | McNeil                    | MC08                  | 1925                | 0.3512           |
| 131                | 194                | Barton                    | BA05                  | 973                 | 0.3402           |
| 132                | 212                | Summit                    | SU04                  | 1949                | 0.3397           |
| 133                | 92                 | Cameron                   | CM09                  | 1288                | 0.3160           |
| 134                | 150                | Salem Walk                | SW08                  | 2039                | 0.3158           |
| 135                | 76                 | Warren                    | WA01                  | 1892                | 0.3155           |
| 136                | 134                | Warren                    | WA03                  | 965                 | 0.3130           |
| 137                | 248                | Jett                      | JE05                  | 708                 | 0.3121           |

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## Austin Energy

| 2002 SAIFI Ranking | 2001 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 138                | 238                | Kingsbery                 | KB04                  | 631                 | 0.3074           |
| 139                | 83                 | Salem Walk                | SW07                  | 2371                | 0.3070           |
| 140                | 120                | Austin Dam                | AD06                  | 1097                | 0.3045           |
| 141                | 163                | Magnesium Plant           | MP07                  | 2157                | 0.3041           |
| 142                | 182                | Magnesium Plant           | MP09                  | 1121                | 0.3024           |
| 143                | 200                | Salem Walk                | SW02                  | 2760                | 0.2928           |
| 144                | 43                 | Northland                 | NL01                  | 552                 | 0.2917           |
| 145                | 74                 | Trading Post              | TP02                  | 1057                | 0.2914           |
| 146                | 165                | Wheless Lane              | WL05                  | 772                 | 0.2759           |
| 147                | 191                | Zilker                    | ZL02                  | 1321                | 0.2748           |
| 148                | 35                 | Cardinal Lane             | CL03                  | 1742                | 0.2744           |
| 149                | 131                | Cameron                   | CM01                  | 341                 | 0.2727           |
| 150                | 209                | McNeil                    | MC02                  | 2124                | 0.2698           |
| 151                | 55                 | Salem Walk                | SW04                  | 2296                | 0.2635           |
| 152                | 142                | Cardinal Lane             | CL06                  | 1285                | 0.2630           |
| 153                | 67                 | Pedernales                | PE01                  | 1346                | 0.2623           |
| 154                | 10                 | North                     | NO02                  | 2286                | 0.2590           |
| 155                | 20                 | Pedernales                | PE07                  | 2184                | 0.2573           |
| 156                | 193                | Steck                     | ST07                  | 2204                | 0.2491           |
| 157                | 160                | Koenig Lane               | KL07                  | 1738                | 0.2463           |
| 158                | 70                 | Burleson                  | BU08                  | 1342                | 0.2459           |
| 159                | 116                | Zilker                    | ZL03                  | 1471                | 0.2386           |
| 160                | 173                | Steck                     | ST05                  | 1171                | 0.2383           |
| 161                | 23                 | Hi-Cross                  | HC02                  | 371                 | 0.2372           |
| 162                | 208                | Hamilton                  | HM08                  | 1049                | 0.2355           |
| 163                | 218                | Oak Hill                  | OH02                  | 324                 | 0.2346           |
| 164                | 227                | Austin Dam                | AD01                  | 1255                | 0.2343           |
| 165                | 245                | Howard Lane               | HL05                  | 1289                | 0.2312           |
| 166                | 75                 | Bergstrom                 | BE06                  | 326                 | 0.2301           |
| 167                | 56                 | McNeil                    | MC06                  | 2839                | 0.2226           |
| 168                | 7                  | Salem Walk                | SW06                  | 1273                | 0.2223           |
| 169                | 79                 | Kingsbery                 | KB06                  | 2919                | 0.2189           |
| 170                | 73                 | Magnesium Plant           | MP03                  | 1339                | 0.2076           |
| 171                | 246                | Oak Hill                  | OH08                  | 1292                | 0.2067           |
| 172                | 137                | Magnesium Plant           | MP06                  | 3431                | 0.2061           |
| 173                | 96                 | Barton                    | BA02                  | 318                 | 0.2044           |
| 174                |                    |                           | FI04                  | 741                 | 0.2038           |
| 175                | 103                | Brodie Lane               | BL06                  | 1601                | 0.1999           |
| 176                | 94                 | Hi-Cross                  | HC08                  | 1426                | 0.1978           |
| 177                | 197                | Carson Creek              | CC02                  | 158                 | 0.1835           |
| 178                | 114                | Sprinkle                  | SK02                  | 118                 | 0.1780           |
| 179                | 57                 | Walnut Creek              | WC10                  | 2789                | 0.1775           |
| 180                | 185                | Williamson                | WI06                  | 2804                | 0.1769           |
| 181                | not in service     | Summit                    | SU15                  | 170                 | 0.1706           |

# Service Quality Report to the Public Utility Commission of Texas

## Austin Energy

| 2002 SAIFI Ranking | 2001 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 182                | 19                 | Koenig Lane               | KL13                  | 229                 | 0.1703           |
| 183                | 233                | Hamilton                  | HM10                  | 246                 | 0.1667           |
| 184                | 58                 | Kingsbery                 | KB03                  | 4794                | 0.1665           |
| 185                | 168                | North                     | NO06                  | 1103                | 0.1650           |
| 186                | 176                | Summit                    | SU13                  | 964                 | 0.1618           |
| 187                | not in service     | Fiesta                    | FI02                  | 853                 | 0.1618           |
| 188                | 39                 | Summit                    | SU02                  | 2400                | 0.1563           |
| 189                | 78                 | Hi-Cross                  | HC07                  | 1272                | 0.1557           |
| 190                | 190                | McNeil                    | MC11                  | 720                 | 0.1542           |
| 191                | 241                | Angus Valley              | AG05                  | 1985                | 0.1531           |
| 192                | 240                | Burleson                  | BU02                  | 68                  | 0.1471           |
| 193                | 170                | McNeil                    | MC01                  | 2371                | 0.1451           |
| 194                | 164                | Cameron                   | CM04                  | 1625                | 0.1409           |
| 195                | 174                | Bee Creek                 | BC02                  | 618                 | 0.1375           |
| 196                | not in service     | Jollyville                | JV01                  | 1525                | 0.1370           |
| 197                | not in service     | Brodie Lane               | BL07                  | 294                 | 0.1361           |
| 198                | 156                | Cardinal Lane             | CL09                  | 765                 | 0.1333           |
| 199                | 232                | Oak Hill                  | OH03                  | 2061                | 0.1329           |
| 200                | 143                | Northland                 | NL12                  | 2552                | 0.1321           |
| 201                | 100                | Burleson                  | BU09                  | 3306                | 0.1310           |
| 202                | 2                  | North                     | NO01                  | 2184                | 0.1277           |
| 203                | 42                 | Cardinal Lane             | CL12                  | 1991                | 0.1261           |
| 204                | 206                | Steck                     | ST02                  | 1397                | 0.1246           |
| 205                | 219                | Burleson                  | BU06                  | 700                 | 0.1200           |
| 206                | 223                | Patton Lane               | PL03                  | 2417                | 0.1200           |
| 207                | 90                 | North                     | NO07                  | 3014                | 0.1171           |
| 208                | 59                 | Onion Creek               | OC04                  | 805                 | 0.1143           |
| 209                | 85                 | Burleson                  | BU07                  | 243                 | 0.1111           |
| 210                | 40                 | Trading Post              | TP03                  | 754                 | 0.1101           |
| 211                | 199                | Jollyville                | JV03                  | 1604                | 0.1097           |
| 212                | 135                | Walnut Creek              | WC07                  | 443                 | 0.1061           |
| 213                | 211                | Cameron                   | CM07                  | 2421                | 0.1049           |
| 214                | 49                 | Slaughter Lane            | SL02                  | 1988                | 0.1046           |
| 215                | 213                | Magnesium Plant           | MP02                  | 3277                | 0.1031           |
| 216                | 149                | Cameron                   | CM05                  | 2293                | 0.1029           |
| 217                | 230                | Burleson                  | BU04                  | 79                  | 0.1013           |
| 218                | 13                 | Cardinal Lane             | CL04                  | 816                 | 0.0956           |
| 219                | 203                | Fiskville                 | FV03                  | 1623                | 0.0937           |
| 220                | 115                | Warren                    | WA04                  | 203                 | 0.0936           |
| 221                | 63                 | Wheless Lane              | WL08                  | 2185                | 0.0897           |
| 222                | 225                | McNeil                    | MC05                  | 2256                | 0.0891           |
| 223                | 64                 | Jett                      | JE06                  | 225                 | 0.0889           |
| 224                | 126                | Oak Hill                  | OH06                  | 930                 | 0.0828           |
| 225                | 93                 | McNeil                    | MC10                  | 101                 | 0.0792           |
| 226                | 236                | Hidden Valley             | HV02                  | 1668                | 0.0761           |
| 227                | 215                | Kingsbery                 | KB01                  | 321                 | 0.0685           |
| 228                | 179                | Hamilton                  | HM11                  | 2391                | 0.0644           |

# Service Quality Report to the Public Utility Commission of Texas

## Austin Energy

| 2002 SAIFI Ranking | 2001 SAIFI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIFI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 229                | 210                | Lakeshore                 | LS04                  | 64                  | 0.0625           |
| 230                | not in service     | Brodie Lane               | BL08                  | 1460                | 0.0548           |
| 231                | 89                 | McNeil                    | MC07                  | 2621                | 0.0527           |
| 232                | 24                 | Pedernales                | PE04                  | 2155                | 0.0515           |
| 233                | 242                | Grove                     | GR09                  | 39                  | 0.0513           |
| 234                | 9                  | Grove                     | GR08                  | 5720                | 0.0428           |
| 235                | 22                 | Koenig Lane               | KL08                  | 609                 | 0.0427           |
| 236                | not in service     | Fiskville                 | FV02                  | 989                 | 0.0425           |
| 237                | 52                 | Riverplace                | RP05                  | 143                 | 0.0420           |
| 238                | 180                | Techridge                 | TR03                  | 76                  | 0.0395           |
| 239                | not in service     | Angus Valley              | AG02                  | 1190                | 0.0387           |
| 240                | 196                | Jett                      | JE02                  | 1068                | 0.0384           |
| 241                | not in service     | Barton                    | BA11                  | 1616                | 0.0309           |
| 242                | 1                  | Hi-Cross                  | HC06                  | 1244                | 0.0241           |
| 243                | 239                | Kingsbery                 | KB02                  | 87                  | 0.0230           |
| 244                | 101                | Riverplace                | RP04                  | 860                 | 0.0198           |
| 245                | 228                | Burleson                  | BU05                  | 53                  | 0.0189           |
| 246                | not in service     | Barton                    | BA08                  | 253                 | 0.0119           |
| 247                | 247                | Hamilton                  | HM04                  | 733                 | 0.0109           |
| 248                | 244                | Hamilton                  | HM03                  | 1078                | 0.0083           |
| 249                | 25                 | Oak Hill                  | OH05                  | 2168                | 0.0083           |
| 250                | 243                | Jollyville                | JV07                  | 1510                | 0.0079           |
| 251                | 102                | Williamson                | WI08                  | 1922                | 0.0078           |
| 252                | 29                 | Williamson                | WI10                  | 1513                | 0.0073           |
| 253                | 237                | North                     | NO05                  | 490                 | 0.0061           |
| 254                | 107                | Williamson                | WI05                  | 278                 | 0.0036           |
| 255                | 105                | Barton                    | BA03                  | 2004                | 0.0010           |

# Service Quality Report to the Public Utility Commission of Texas

Distribution Feeder Indices for Forced Interruptions

List all Distribution Feeders on Texas System

With More Than 10 Customers

Total Number of Feeders

**255 with > 10**

Add or Delete Rows as Necessary

## **Austin Energy**

| 2002 SAIDI Ranking | 2001 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 1                  | 91                 | Barton                    | BA01                  | 37                  | 434.9189         |
| 2                  | 36                 | Carson Creek              | CC05                  | 1450                | 388.3841         |
| 3                  | 88                 | Hi-Cross                  | HC09                  | 1815                | 290.7361         |
| 4                  | 45                 | Barton                    | BA07                  | 94                  | 267.1809         |
| 5                  | 128                | Patton Lane               | PL02                  | 1093                | 261.3074         |
| 6                  | 60                 | Dessau                    | DE01                  | 1793                | 209.9610         |
| 7                  | 116                | Steck                     | ST04                  | 1123                | 209.0000         |
| 8                  | 42                 | Techridge                 | TR02                  | 1682                | 202.2283         |
| 9                  | 177                | Angus Valley              | AG04                  | 2783                | 198.6985         |
| 10                 | 46                 | Sprinkle                  | SK03                  | 799                 | 198.0488         |
| 11                 | 57                 | Commons Ford              | CF04                  | 1536                | 197.8359         |
| 12                 | 25                 | Wheless Lane              | WL01                  | 1883                | 187.6314         |
| 13                 | 92                 | Oak Hill                  | OH09                  | 2553                | 184.2025         |
| 14                 | 27                 | Patton Lane               | PL01                  | 917                 | 182.0622         |
| 15                 | 78                 | Jollyville                | JV04                  | 1911                | 176.3407         |
| 16                 | 84                 | Commons Ford              | CF01                  | 627                 | 175.5981         |
| 17                 | 105                | Northland                 | NL08                  | 2372                | 175.4043         |
| 18                 | not in service     | Patton Lane               | PL07                  | 208                 | 175.3317         |
| 19                 | 62                 | Lakeway                   | LW02                  | 1335                | 173.9805         |
| 20                 | 109                | Slaughter Lane            | SL04                  | 922                 | 166.3818         |
| 21                 | 50                 | Bergstrom                 | BE02                  | 277                 | 163.0939         |
| 22                 | 67                 | North                     | NO08                  | 364                 | 157.9643         |
| 23                 | 74                 | Koenig Lane               | KL12                  | 460                 | 154.1413         |
| 24                 | 118                | Summit                    | SU06                  | 331                 | 153.1360         |
| 25                 | 80                 | Koenig Lane               | KL01                  | 772                 | 152.7461         |
| 26                 | 1                  | Seaholm Plant             | SP11                  | 408                 | 142.5564         |
| 27                 | 101                | Koenig Lane               | KL03                  | 1413                | 141.2378         |
| 28                 | 181                | Jett                      | JE03                  | 924                 | 138.9524         |
| 29                 | 217                | Hamilton                  | HM06                  | 369                 | 136.9702         |
| 30                 | 83                 | Warren                    | WA06                  | 1834                | 136.1603         |
| 31                 | 53                 | Wheless Lane              | WL04                  | 1589                | 135.8641         |
| 32                 | 142                | Daffin Gin                | DG01                  | 3427                | 134.4660         |
| 33                 | 47                 | Carson Creek              | CC06                  | 209                 | 130.6890         |
| 34                 | 12                 | Lakeway                   | LW03                  | 812                 | 119.7352         |
| 35                 | 68                 | Slaughter Lane            | SL05                  | 2427                | 115.5023         |
| 36                 | 21                 | Salem Walk                | SW05                  | 2310                | 111.2823         |
| 37                 | 9                  | Jollyville                | JV08                  | 839                 | 106.9726         |
| 38                 | 123                | Slaughter Lane            | SL01                  | 3437                | 105.9054         |
| 39                 | not in service     | Summit                    | SU09                  | 1531                | 105.5931         |
| 40                 | 99                 | Bee Creek                 | BC06                  | 993                 | 103.6455         |
| 41                 | 111                | Hi-Cross                  | HC05                  | 3483                | 103.6012         |
| 42                 | 106                | Williamson                | WI02                  | 900                 | 103.5489         |
| 43                 | 40                 | Walnut Creek              | WC08                  | 707                 | 99.8430          |

# Service Quality Report to the Public Utility Commission of Texas

## Austin Energy

| 2002 SAIDI Ranking | 2001 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 44                 | 141                | Howard Lane               | HL03                  | 1756                | 99.3252          |
| 45                 | 24                 | Bee Creek                 | BC03                  | 1370                | 98.8876          |
| 46                 | 125                | Northland                 | NL11                  | 2413                | 98.6084          |
| 47                 | 15                 | Hi-Cross                  | HC01                  | 2879                | 98.3911          |
| 48                 | 148                | Trading Post              | TP01                  | 306                 | 96.3170          |
| 49                 | 51                 | Williamson                | WI11                  | 3460                | 96.0329          |
| 50                 | not in service     | Onion Creek               | OC02                  | 1403                | 91.6671          |
| 51                 | 120                | Northland                 | NL13                  | 1737                | 91.0541          |
| 52                 | 193                | Brodie Lane               | BL03                  | 392                 | 90.4872          |
| 53                 | 216                | Williamson                | WI09                  | 995                 | 89.7407          |
| 54                 | 11                 | Warren                    | WA05                  | 663                 | 89.3198          |
| 55                 | 89                 | Northland                 | NL15                  | 1623                | 88.4707          |
| 56                 | 34                 | Bergstrom                 | BE05                  | 1607                | 85.8836          |
| 57                 | 119                | Magnesium                 | MP05                  | 2036                | 85.0584          |
| 58                 | 61                 | Commons Ford              | CF05                  | 691                 | 80.7786          |
| 59                 | 39                 | Steck                     | ST06                  | 1042                | 79.9914          |
| 60                 | 194                | Oak Hill                  | OH07                  | 1012                | 78.2302          |
| 61                 | 96                 | Seaholm Plant             | SP02                  | 1006                | 77.4105          |
| 62                 | 63                 | Commons Ford              | CF02                  | 1528                | 76.4450          |
| 63                 | 43                 | Seaholm Plant             | SP01                  | 1753                | 75.5014          |
| 64                 | 17                 | Brodie Lane               | BL01                  | 2477                | 72.7820          |
| 65                 | 126                | Austin Dam                | AD02                  | 925                 | 72.1449          |
| 66                 | 205                | Kingsbery                 | KB05                  | 441                 | 66.9048          |
| 67                 | 133                | Cardinal Lane             | CL07                  | 1237                | 65.5618          |
| 68                 | 130                | Jett                      | JE04                  | 1006                | 65.4493          |
| 69                 | 207                | Barton                    | BA04                  | 1181                | 63.2337          |
| 70                 | 110                | Wheless Lane              | WL07                  | 2558                | 63.1228          |
| 71                 | 33                 | Northland                 | NL14                  | 761                 | 62.9842          |
| 72                 | 22                 | Seaholm Plant             | SP10                  | 496                 | 60.6815          |
| 73                 | 23                 | Jollyville                | JV05                  | 1515                | 60.3267          |
| 74                 | 166                | Seaholm Plant             | SP09                  | 1608                | 59.9148          |
| 75                 | 169                | Warren                    | WA02                  | 462                 | 59.9048          |
| 76                 | 172                | Pedernales                | PE05                  | 1287                | 59.4235          |
| 77                 | 196                | Cardinal Lane             | CL08                  | 1176                | 59.0935          |
| 78                 | 132                | Brodie Lane               | BL04                  | 2767                | 58.7842          |
| 79                 | 95                 | Salem Walk                | SW01                  | 2208                | 57.9697          |
| 80                 | 235                | Cameron                   | CM03                  | 262                 | 56.7099          |
| 81                 | 230                | Lakeshore                 | LS06                  | 1381                | 56.2426          |
| 82                 | not in service     | Fiesta                    | FI05                  | 2135                | 56.0047          |
| 83                 | 201                | Fiskville                 | FV05                  | 1388                | 54.9114          |
| 84                 | 76                 | Northland                 | NL02                  | 975                 | 54.8215          |
| 85                 | 195                | Pedernales                | PE02                  | 3305                | 52.6418          |
| 86                 | 185                | Grove                     | GR07                  | 1331                | 52.6221          |
| 87                 | 71                 | Hamilton                  | HM01                  | 1361                | 51.7392          |
| 88                 | not in service     | Fiesta                    | FI01                  | 1739                | 50.0851          |
| 89                 | 147                | Daffin Gin                | DG02                  | 169                 | 49.3077          |
| 90                 | 7                  | Howard Lane               | HL01                  | 990                 | 48.9051          |
| 91                 | 155                | North                     | NO04                  | 1468                | 48.2759          |

# Service Quality Report to the Public Utility Commission of Texas

## Austin Energy

| 2002 SAIDI Ranking | 2001 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 92                 | 3                  | Barton                    | BA09                  | 1956                | 47.9780          |
| 93                 | 184                | Steck                     | ST07                  | 2204                | 46.1157          |
| 94                 | 2                  | Bee Creek                 | BC05                  | 2127                | 45.5233          |
| 95                 | 90                 | Bergstrom                 | BE03                  | 705                 | 45.4085          |
| 96                 | 72                 | Cameron                   | CM09                  | 1288                | 45.3540          |
| 97                 | 231                | Hidden Valley             | HV02                  | 1668                | 45.2578          |
| 98                 | 179                | Austin Dam                | AD05                  | 1966                | 45.1968          |
| 99                 | 82                 | Howard Lane               | HL02                  | 2029                | 45.1252          |
| 100                | 167                | Commons Ford              | CF03                  | 369                 | 44.8753          |
| 101                | 127                | Cardinal Lane             | CL01                  | 1461                | 44.8597          |
| 102                | 64                 | Sprinkle                  | SK01                  | 391                 | 44.5371          |
| 103                | 223                | Oak Hill                  | OH02                  | 324                 | 44.1975          |
| 104                | 139                | Seaholm Plant             | SP07                  | 270                 | 44.0519          |
| 105                | not in service     | Barton                    | BA10                  | 701                 | 43.8060          |
| 106                | 73                 | Steck                     | ST01                  | 2563                | 43.3160          |
| 107                | 170                | Wheless Lane              | WL05                  | 772                 | 42.9793          |
| 108                | 18                 | Seaholm Plant             | SP12                  | 2444                | 41.8372          |
| 109                | 156                | Fiskville                 | FV06                  | 1496                | 41.4826          |
| 110                | 174                | Hidden Valley             | HV01                  | 1502                | 41.4521          |
| 111                | 52                 | Lakeshore                 | LS01                  | 1233                | 40.4793          |
| 112                | 204                | Zilker                    | ZL02                  | 1321                | 40.2021          |
| 113                | 70                 | Koenig Lane               | KL10                  | 2014                | 40.1758          |
| 114                | 113                | Koenig Lane               | KL14                  | 2786                | 39.8475          |
| 115                | 85                 | McNeil                    | MC08                  | 1925                | 39.8332          |
| 116                | 218                | Dessau                    | DE03                  | 884                 | 39.4842          |
| 117                | not in service     | Onion Creek               | OC01                  | 978                 | 39.2249          |
| 118                | 153                | Lakeway                   | LW04                  | 387                 | 38.1214          |
| 119                | 26                 | Wheless Lane              | WL02                  | 1434                | 37.9135          |
| 120                | 117                | Fiskville                 | FV01                  | 2574                | 37.6931          |
| 121                | 227                | Oak Hill                  | OH03                  | 2061                | 36.5066          |
| 122                | 215                | Steck                     | ST08                  | 792                 | 34.5303          |
| 123                | 203                | Summit                    | SU04                  | 1949                | 34.4402          |
| 124                | 178                | Williamson                | WI06                  | 2804                | 34.2835          |
| 125                | 107                | Hi-Cross                  | HC03                  | 1595                | 33.6784          |
| 126                | 131                | Koenig Lane               | KL06                  | 1471                | 32.5207          |
| 127                | 224                | Williamson                | WI01                  | 1845                | 31.9203          |
| 128                | 20                 | Salem Walk                | SW04                  | 2296                | 31.6864          |
| 129                | 197                | Salem Walk                | SW02                  | 2760                | 31.6435          |
| 130                | 5                  | North                     | NO02                  | 2286                | 30.9007          |
| 131                | 198                | Burleson                  | BU03                  | 2084                | 30.8642          |
| 132                | 134                | Hi-Cross                  | HC08                  | 1426                | 30.8079          |
| 133                | 124                | Howard Lane               | HL04                  | 3258                | 29.2247          |
| 134                | 154                | Hamilton                  | HM05                  | 2831                | 29.2218          |
| 135                | 245                | Howard Lane               | HL05                  | 1289                | 28.6579          |
| 136                | 160                | Pedernales                | PE09                  | 1217                | 28.1808          |
| 137                | 115                | Trading Post              | TP02                  | 1057                | 28.0643          |
| 138                | 186                | Angus Valley              | AG03                  | 1203                | 27.8371          |
| 139                | 163                | Warren                    | WA03                  | 965                 | 27.2943          |

# Service Quality Report to the Public Utility Commission of Texas

## Austin Energy

| 2002 SAIDI Ranking | 2001 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 140                | 183                | Cardinal Lane             | CL11                  | 2149                | 26.6333          |
| 141                | 189                | Magnesium Plant           | MP09                  | 1121                | 26.3613          |
| 142                | 151                | Salem Walk                | SW08                  | 2039                | 26.2261          |
| 143                |                    |                           | SU01                  | 172                 | 26.1570          |
| 144                | 58                 | Austin Dam                | AD06                  | 1097                | 25.6809          |
| 145                | 220                | Brodie Lane               | BL02                  | 690                 | 25.6101          |
| 146                |                    |                           | SU15                  | 170                 | 25.4588          |
| 147                | 214                | McNeil                    | MC02                  | 2124                | 25.4524          |
| 148                | 146                | Magnesium Plant           | MP07                  | 2157                | 23.9935          |
| 149                | 145                | Burleson                  | BU08                  | 1342                | 23.8234          |
| 150                | 49                 | Hamilton                  | HM09                  | 882                 | 23.5363          |
| 151                | 152                | Barton                    | BA05                  | 973                 | 23.3350          |
| 152                | 234                | Kingsbery                 | KB04                  | 631                 | 23.0301          |
| 153                | 182                | Bee Creek                 | BC02                  | 618                 | 23.0129          |
| 154                | 248                | Jett                      | JE05                  | 708                 | 22.7006          |
| 155                | 228                | Carson Creek              | CC03                  | 1820                | 22.5176          |
| 156                | 66                 | Zilker                    | ZL03                  | 1471                | 22.4242          |
| 157                | 135                | Sprinkle                  | SK02                  | 118                 | 22.0932          |
| 158                | 4                  | Summit                    | SU02                  | 2400                | 21.9138          |
| 159                | 28                 | Cardinal Lane             | CL03                  | 1742                | 21.6401          |
| 160                | 202                | Hamilton                  | HM08                  | 1049                | 21.2745          |
| 161                | 200                | Carson Creek              | CC02                  | 158                 | 21.0696          |
| 162                | 171                | Bergstrom                 | BE06                  | 326                 | 20.7086          |
| 163                | 129                | Cardinal Lane             | CL06                  | 1285                | 20.6848          |
| 164                | 164                | Steck                     | ST02                  | 1397                | 20.4653          |
| 165                | 143                | Warren                    | WA01                  | 1892                | 20.4012          |
| 166                | 144                | Salem Walk                | SW07                  | 2371                | 20.3914          |
| 167                | 246                | Oak Hill                  | OH08                  | 1292                | 20.1084          |
| 168                | 75                 | Wheless Lane              | WL06                  | 3343                | 20.1032          |
| 169                | 176                | McNeil                    | MC01                  | 2371                | 19.9954          |
| 170                | 56                 | Kingsbery                 | KB06                  | 2919                | 18.8503          |
| 171                | 140                | Burleson                  | BU01                  | 2283                | 18.5686          |
| 172                | 112                | North                     | NO07                  | 3014                | 17.9728          |
| 173                | 229                | Burleson                  | BU06                  | 700                 | 17.8529          |
| 174                | 44                 | McNeil                    | MC06                  | 2839                | 17.5569          |
| 175                | 86                 | Magnesium Plant           | MP03                  | 1339                | 17.2293          |
| 176                | 138                | Steck                     | ST05                  | 1171                | 17.1708          |
| 177                | 102                | Cameron                   | CM01                  | 341                 | 16.9795          |
| 178                | 121                | Pedernales                | PE07                  | 2184                | 16.7706          |
| 179                | 87                 | Kingsbery                 | KB03                  | 4794                | 16.7551          |
| 180                | 221                | Austin Dam                | AD01                  | 1255                | 16.5076          |
| 181                | 94                 | Pedernales                | PE01                  | 1346                | 15.9235          |
| 182                | 54                 | Burleson                  | BU07                  | 243                 | 15.6502          |
| 183                | 69                 | Walnut Creek              | WC10                  | 2789                | 15.5518          |
| 184                | 232                | Hamilton                  | HM10                  | 246                 | 15.4797          |



# Service Quality Report to the Public Utility Commission of Texas

## Austin Energy

| 2002 SAIDI Ranking | 2001 SAIDI Ranking | Substation Identification | Feeder Identification | Number of Customers | 2002 SAIDI Value |
|--------------------|--------------------|---------------------------|-----------------------|---------------------|------------------|
| 185                | not in service     | Brodie Lane               | BL07                  | 294                 | 15.3741          |
| 186                | 35                 | Burleson                  | BU09                  | 3306                | 15.2780          |
| 187                | 41                 | Northland                 | NL01                  | 552                 | 14.6504          |
| 188                | 165                | Magnesium Plant           | MP06                  | 3431                | 14.5899          |
| 189                | 19                 | Hi-Cross                  | HC02                  | 371                 | 13.7574          |
| 190                | not in service     | Jollyville                | JV01                  | 1525                | 13.5121          |
| 191                | 161                | North                     | NO06                  | 1103                | 12.9583          |
| 192                | 150                | Koenig Lane               | KL07                  | 1738                | 12.8619          |
| 193                | 37                 | Trading Post              | TP03                  | 754                 | 12.8462          |
| 194                | 226                | Patton Lane               | PL03                  | 2417                | 12.7336          |
| 195                | 212                | Magnesium Plant           | MP02                  | 3277                | 12.2634          |
| 196                | 187                | Barton                    | BA02                  | 318                 | 12.1918          |
| 197                | 81                 | Brodie Lane               | BL06                  | 1601                | 12.1393          |
| 198                | 48                 | Koenig Lane               | KL08                  | 609                 | 12.0640          |
| 199                | 65                 | Onion Creek               | OC04                  | 805                 | 11.9193          |
| 200                | 191                | Jett                      | JE02                  | 1068                | 11.7828          |
| 201                | not in service     | Fiesta                    | FI04                  | 741                 | 11.5709          |
| 202                | 6                  | North                     | NO01                  | 2184                | 11.5183          |
| 203                | 137                | Northland                 | NL12                  | 2552                | 11.2923          |
| 204                | 241                | Angus Valley              | AG05                  | 1985                | 11.0247          |
| 205                | 136                | Cameron                   | CM05                  | 2293                | 10.9381          |
| 206                | 8                  | Salem Walk                | SW06                  | 1273                | 10.7824          |
| 207                | 31                 | Koenig Lane               | KL13                  | 229                 | 10.7642          |
| 208                | not in service     | Fiskville                 | FV02                  | 989                 | 10.5521          |
| 209                | 93                 | Summit                    | SU13                  | 964                 | 10.3568          |
| 210                | not in service     | Fiesta                    | FI02                  | 853                 | 10.1993          |
| 211                | 114                | Hi-Cross                  | HC07                  | 1272                | 10.1006          |
| 212                | 208                | McNeil                    | MC11                  | 720                 | 9.3222           |
| 213                | 29                 | Wheless Lane              | WL08                  | 2185                | 9.1799           |
| 214                | 188                | Cardinal Lane             | CL09                  | 765                 | 9.1399           |
| 215                | 30                 | Warren                    | WA04                  | 203                 | 8.9507           |
| 216                | 100                | Cardinal Lane             | CL12                  | 1991                | 8.4561           |
| 217                | 38                 | Grove                     | GR08                  | 5720                | 8.3734           |
| 218                | 210                | Cameron                   | CM07                  | 2421                | 8.2995           |
| 219                | 162                | Cameron                   | CM04                  | 1625                | 8.0689           |
| 220                | 168                | Walnut Creek              | WC07                  | 443                 | 7.8578           |
| 221                | 158                | Hamilton                  | HM11                  | 2391                | 7.5404           |
| 222                | 55                 | Slaughter Lane            | SL02                  | 1988                | 7.5362           |
| 223                | 238                | Burleson                  | BU02                  | 68                  | 7.0735           |
| 224                | 190                | Jollyville                | JV03                  | 1604                | 6.9838           |
| 225                | 59                 | Riverplace                | RP05                  | 143                 | 6.9161           |
| 226                | 173                | Jett                      | JE06                  | 225                 | 6.4578           |
| 227                | 149                | McNeil                    | MC10                  | 101                 | 6.1386           |
| 228                | 122                | Cardinal Lane             | CL04                  | 816                 | 5.7402           |
| 229                | 199                | Fiskville                 | FV03                  | 1623                | 5.7036           |
| 230                | 213                | Kingsbery                 | KB01                  | 321                 | 5.4393           |

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

### **Austin Energy**

| <b>2002 SAIDI Ranking</b> | <b>2001 SAIDI Ranking</b> | <b>Substation Identification</b> | <b>Feeder Identification</b> | <b>Number of Customers</b> | <b>2002 SAIDI Value</b> |
|---------------------------|---------------------------|----------------------------------|------------------------------|----------------------------|-------------------------|
| 231                       | 175                       | Oak Hill                         | OH06                         | 930                        | 5.4376                  |
| 232                       | 237                       | Burleson                         | BU04                         | 79                         | 4.7848                  |
| 233                       | 225                       | McNeil                           | MC05                         | 2256                       | 4.6618                  |
| 234                       | 242                       | Grove                            | GR09                         | 39                         | 4.5897                  |
| 235                       | 103                       | McNeil                           | MC07                         | 2621                       | 4.5368                  |
| 236                       | 13                        | Hi-Cross                         | HC06                         | 1244                       | 4.3939                  |
| 237                       | 209                       | Lakeshore                        | LS04                         | 64                         | 4.1563                  |
| 238                       | not in service            | Brodie Lane                      | BL08                         | 1460                       | 3.7863                  |
| 239                       | 104                       | Pedernales                       | PE04                         | 2155                       | 3.6515                  |
| 240                       | 157                       | Techridge                        | TR03                         | 76                         | 3.2763                  |
| 241                       | not in service            | Barton                           | BA11                         | 1616                       | 2.4610                  |
| 242                       | 10                        | Riverplace                       | RP04                         | 860                        | 2.3035                  |
| 243                       | not in service            | Angus Valley                     | AG02                         | 1190                       | 2.2916                  |
| 244                       | 240                       | Kingsbery                        | KB02                         | 87                         | 1.8621                  |
| 245                       | not in service            | Barton                           | BA08                         | 253                        | 1.5020                  |
| 246                       | 14                        | Williamson                       | WI10                         | 1513                       | 1.4646                  |
| 247                       | 247                       | Hamilton                         | HM04                         | 733                        | 1.1023                  |
| 248                       | 236                       | Burleson                         | BU05                         | 53                         | 1.0566                  |
| 249                       | 32                        | Oak Hill                         | OH05                         | 2168                       | 0.8529                  |
| 250                       | 243                       | Jollyville                       | JV07                         | 1510                       | 0.7927                  |
| 251                       | 108                       | Williamson                       | WI08                         | 1922                       | 0.5468                  |
| 252                       | 159                       | Williamson                       | WI05                         | 278                        | 0.5252                  |
| 253                       | 244                       | Hamilton                         | HM03                         | 1078                       | 0.2644                  |
| 254                       | 239                       | North                            | NO05                         | 490                        | 0.1347                  |
| 255                       | 206                       | Barton                           | BA03                         | 2004                       | 0.0324                  |

Service Quality Report to the Public Utility Commission of Texas

**Austin Energy**

**INTERRUPTION CAUSES**

Provide the percentage of interruptions attributable to each cause.

2002 Reporting Year

| <b>Causes of Forced Interruptions</b>  | <b>Percentage</b> |
|--|-------------------|
| Weather (Including Lightning)          | 12.15%            |
| Vegetation                             | 11.75%            |
| Animals and Birds                      | 25.46%            |
| People (Including cars and farm equip) | 5.69%             |
| Utility-owned Equipment                | 26.76%            |
| Other                                  |                   |
| Unknown                                | 18.20%            |