

Electricity Industry Code
Minimum Service Standards & Guaranteed Service Levels

Quarterly Report

December Quarter 2007
Revised 31 May 2008



everything in our power

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#### **ADMINISTRATIVE DATA**

| ITEM NO. | <u>MEASURE</u>                        | <u>UNIT</u> | <u>VALUE</u>                        |
|----------|---------------------------------------|-------------|-------------------------------------|
| 1.1      | Distribution Network Service Provider | name        | Ergon Energy<br>Corporation Limited |
| 1.2      | First day of reporting period         | date        | 01-10-2007                          |
| 1.3      | Last day of reporting period          | date        | 31-12-2007                          |

#### **NETWORK PERFORMANCE**

(Reporting obligations under clause 2.6.2(a)(i) (A), (B), (C), (D) & (E) of the Queensland Electricity Industry Code, Third Edition effective 1 July 2007 ('The Code'))

### Reliability Measures - 3 Months to December 2007 (Revised Results effective as at 14 May 2008, for the period ending 31 December 2007)

| ITEM NO. | <u>MEASURE</u>                                      | <u>UNIT</u> | ACTUAL NETWORK PERFORMANCE | NETWORK<br>PERFORMANCE<br>LESS EXCLUSIONS |
|----------|---|-------------|----------------------------|---|
|          | System Average Interruption Duration Index (SAIDI)  |             |                            |   |
|          | Distribution system – total                         |             |                            |   |
|          | Urban   | Minutes     | 92.16                      | 52.79                                     |
|          | Short Rural   | Minutes     | 190.19                     | 122.80                                    |
|          | Long Rural  | Minutes     | 467.69                     | 371.31                                    |
|          | Distribution system – planned                       |             |                            |   |
|          | Urban   | Minutes     | 12.46                      | 12.10                                     |
|          | Short Rural   | Minutes     | 28.00                      | 26.62                                     |
|          | Long Rural  | Minutes     | 57.94                      | 55.15                                     |
|          | Distribution system – unplanned                     |             |                            |   |
|          | Urban   | Minutes     | 79.70                      | 40.69                                     |
|          | Short Rural   | Minutes     | 162.19                     | 96.17                                     |
|          | Long Rural  | Minutes     | 409.75                     | 316.16                                    |
|          | System Average Interruption Frequency Index (SAIFI) |             |                            |   |
|          | Distribution system – total                         |             |                            |   |
|          | Urban   | Number      | 0.78                       | 0.53                                      |
|          | Short Rural   | Number      | 1.46                       | 1.05                                      |
|          | Long Rural  | Number      | 2.72                       | 2.22                                      |
|          | Distribution system – planned                       |             |                            |   |
|          | Urban   | Number      | 0.06                       | 0.05                                      |
|          | Short Rural   | Number      | 0.17                       | 0.16                                      |
|          | Long Rural  | Number      | 0.31                       | 0.28                                      |
|          | Distribution system – unplanned                     |             |                            |   |
|          | Urban   | Number      | 0.73                       | 0.47                                      |
|          | Short Rural   | Number      | 1.29                       | 0.90                                      |
|          | Long Rural  | Number      | 2.41                       | 1.94                                      |



## Reliability Measures – Financial Year to Date (1 July 2007 to 31 December 2007) (Revised Results effective as at 14 May 2008, for the period ending 31 December 2007)

| ITEM NO. | <u>MEASURE</u>                                      | <u>UNIT</u> | ACTUAL NETWORK PERFORMANCE | NETWORK PERFORMANCE LESS EXCLUSIONS |
|----------|---|-------------|----------------------------|-------------------------------------|
|          | System Average Interruption Duration Index (SAIDI)  |             |                            |                                     |
|          | Distribution system – total                         |             |                            |                                     |
|          | Urban   | Minutes     | 130.57                     | 84.91                               |
|          | Short Rural   | Minutes     | 297.25                     | 212.23                              |
|          | Long Rural  | Minutes     | 701.96                     | 572.11                              |
|          | Distribution system – planned                       |             |                            |                                     |
|          | Urban   | Minutes     | 29.20                      | 28.80                               |
|          | Short Rural   | Minutes     | 60.95                      | 59.38                               |
|          | Long Rural  | Minutes     | 123.25                     | 120.16                              |
|          | Distribution system – unplanned                     |             |                            |                                     |
|          | Urban   | Minutes     | 101.37                     | 56.11                               |
|          | Short Rural   | Minutes     | 236.31                     | 152.85                              |
|          | Long Rural  | Minutes     | 578.71                     | 451.95                              |
|          | System Average Interruption Frequency Index (SAIFI) |             |                            |                                     |
|          | Distribution system – total                         |             |                            |                                     |
|          | Urban   | Number      | 1.12                       | 0.84                                |
|          | Short Rural   | Number      | 2.20                       | 1.73                                |
|          | Long Rural  | Number      | 4.00                       | 3.33                                |
|          | Distribution system – planned                       |             |                            |                                     |
|          | Urban   | Number      | 0.14                       | 0.14                                |
|          | Short Rural   | Number      | 0.37                       | 0.35                                |
|          | Long Rural  | Number      | 0.66                       | 0.62                                |
|          | Distribution system – unplanned                     |             |                            |                                     |
|          | Urban   | Number      | 0.98                       | 0.70                                |
|          | Short Rural   | Number      | 1.84                       | 1.39                                |
|          | Long Rural  | Number      | 3.34                       | 2.70                                |



## **Details of Interruptions excluded 3 Months to December 2007** (Revised Results effective as at 14 May 2008, for the period ending 31 December 2007)

| EXCLUSION MEASURE  |       | TOTAL           |       |  |  |
|--|-------|-----------------|-------|--|--|
| System Average Interruption Duration Index (SAIDI)   | Urban | SR<br>(minutes) | LR    |  |  |
| (a) an interruption of a duration of one minute or less;   | 0.00  | 0.00            | 0.00  |  |  |
| (b) an interruption resulting from:  |       |                 |       |  |  |
| (i) load shedding due to a shortfall in generation;  | 0.04  | 0.24            | 0.21  |  |  |
| (ii) a direction by NEMMCO, a system operator or any other body exercising a similar function under the Electricity Act, National Electricity Code or National Electricity Law;  | 0.00  | 0.00            | 0.00  |  |  |
| (iii) automatic shedding of load under the control of under frequency relays following the occurrence of a power system under-frequency condition described in the power system security and reliability standards; or | 0.00  | 0.00            | 0.00  |  |  |
| (iv) a failure of the shared transmission grid; or   | 0.00  | 0.11            | 0.00  |  |  |
| (v) a direction by a police officer or another authorised person exercising powers in relation to public safety;   | 0.00  | 0.00            | 0.00  |  |  |
| (c) any interruption to the supply of electricity on a distribution entity's supply network which commences on a major event day; and  | 36.86 | 64.86           | 91.02 |  |  |
| (d) an interruption caused by a customer's electrical installation or failure of that electrical installation.   | 2.48  | 2.18            | 5.16  |  |  |
| Total SAIDI for all Exclusion Events   | 39.38 | 67.39           | 96.39 |  |  |
| System Average Interruption Frequency Index (SAIFI)  |       | (number)        |       |  |  |
| (a) an interruption of a duration of one minute or less;   | 0.00  | 0.00            | 0.00  |  |  |
| (b) an interruption resulting from:  |       |                 |       |  |  |
| (i) load shedding due to a shortfall in generation;  | 0.00  | 0.01            | 0.02  |  |  |
| (ii) a direction by NEMMCO, a system operator or any other body exercising a similar function under the Electricity Act, National Electricity Code or National Electricity Law;  | 0.00  | 0.00            | 0.00  |  |  |
| (iii) automatic shedding of load under the control of under frequency relays following the occurrence of a power system under-frequency condition described in the power system security and reliability standards; or | 0.00  | 0.00            | 0.00  |  |  |
| (iv) a failure of the shared transmission grid; or   | 0.01  | 0.02            | 0.02  |  |  |
| (v) a direction by a police officer or another authorised person exercising powers in relation to public safety;   | 0.00  | 0.00            | 0.00  |  |  |
| (c) any interruption to the supply of electricity on a distribution entity's supply network which commences on a major event day; and  | 0.24  | 0.36            | 0.46  |  |  |
| (d) an interruption caused by a customer's electrical installation or failure of that electrical installation.   | 0.01  | 0.01            | 0.01  |  |  |
| Total SAIFI for all Exclusion Events   | 0.26  | 0.41            | 0.50  |  |  |

Note: Ergon Energy does not currently record momentary (<1 minute) outages.



## Details of Interruptions excluded for the Financial Year to Date (1 July 2007 to 31 December 2007) (Revised Results effective as at 14 May 2008, for the period ending 31 December 2007)

| EVOLUCION MEACURE  |       | TOTAL     |        |
|--|-------|-----------|--------|
| EXCLUSION MEASURE  | Urban | SR        | LR     |
| System Average Interruption Duration Index (SAIDI)   |       | (minutes) |        |
| (a) an interruption of a duration of one minute or less;   | 0.00  | 0.00      | 0.00   |
| (b) an interruption resulting from:  |       |           |        |
| (i) load shedding due to a shortfall in generation;  | 0.04  | 0.24      | 0.21   |
| (ii) a direction by NEMMCO, a system operator or any other<br>body exercising a similar function under the Electricity Act,<br>National Electricity Code or National Electricity Law;                                  | 0.00  | 0.00      | 0.00   |
| (iii) automatic shedding of load under the control of under frequency relays following the occurrence of a power system under-frequency condition described in the power system security and reliability standards; or | 0.00  | 0.00      | 0.00   |
| (iv) a failure of the shared transmission grid; or   | 0.06  | 0.24      | 0.60   |
| (v) a direction by a police officer or another authorised person exercising powers in relation to public safety;   | 0.00  | 0.00      | 0.00   |
| (c) any interruption to the supply of electricity on a distribution entity's supply network which commences on a major event day; and  | 41.92 | 80.64     | 120.18 |
| (d) an interruption caused by a customer's electrical installation or failure of that electrical installation.   | 3.63  | 3.90      | 8.86   |
| Total SAIDI for all Exclusion Events   | 45.66 | 85.02     | 129.85 |
|  |       |           |        |
| System Average Interruption Frequency Index (SAIFI)  |       | (number)  |        |
| (a) an interruption of a duration of one minute or less;   | 0.00  | 0.00      | 0.00   |
| (b) an interruption resulting from:  |       |           |        |
| (i) load shedding due to a shortfall in generation;  | 0.00  | 0.01      | 0.02   |
| (ii) a direction by NEMMCO, a system operator or any other<br>body exercising a similar function under the Electricity Act,<br>National Electricity Code or National Electricity Law;                                  | 0.00  | 0.00      | 0.00   |
| (iii) automatic shedding of load under the control of under frequency relays following the occurrence of a power system under-frequency condition described in the power system security and reliability standards; or | 0.00  | 0.00      | 0.00   |
| (iv) a failure of the shared transmission grid; or   | 0.02  | 0.04      | 0.09   |
| (v) a direction by a police officer or another authorised person exercising powers in relation to public safety;   | 0.00  | 0.00      | 0.00   |
| (c) any interruption to the supply of electricity on a distribution entity's supply network which commences on a major event day; and  | 0.25  | 0.41      | 0.55   |
|  |       |           |        |
| (d) an interruption caused by a customer's electrical installation or failure of that electrical installation.   | 0.01  | 0.02      | 0.02   |

Note: Ergon Energy does not currently record momentary (<1 minute) outages.



#### Description of any major event days

During the December quarter there was a substantial number of acutely aggressive storm cells spread across the Central and Southern regions of Ergon Energy's service area which caused widespread damage. Ergon Energy registered four major Event Days (MED) during the quarter using the 2.5 beta exclusion event method, which requires a MED to be any day with a daily SAIDI value greater than the 2007-08 MED Threshold (TMED) of 9.94 system minutes. The Major Event Days occurred on the 10<sup>th</sup>, 12<sup>th</sup> and 29<sup>th</sup> of October and the 30<sup>th</sup> of November.

## Explanation of reasons for exceeding minimum service standards and proposals to improve performance

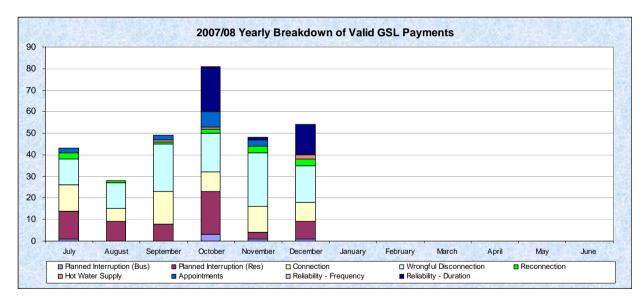
Ergon Energy's year to date reliability performance for both SAIDI and SAIFI are tracking favourably to the 2007-08 MSS targets for all three feeder categories. The performance results are more favourable to the MSS targets compared to December 2007. The long rural feeders also have shown the sign of performance improvement for year to date figures after the adverse weather conditions and wide-spread damage associated with the storms in the Ergon Energy's Service areas during October and November. The storms resulted into a record number of three Major Event Days (MED) in the month of October and one MED in November.

#### **GSL (GUARANTEED SERVICE LEVEL)**

(Reporting obligations under clause 2.6.2(a)(ii) (A), (B) & (C) of The Code)

Valid GSL Claims - Claim Type Breakdown for the Financial Year to Date

| Yearly Breakdown of Valid GSL Payments for Ergon Energy – 2007/2008 Financial Year |      |        |           |         |          |          |         |          |       |       |     |      |                     |
|--|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-----|------|---------------------|
| Type of GSL  | July | August | September | October | November | December | January | February | March | April | May | June | Cumulative<br>Total |
| Planned Interruption (Bus)   | 1    | 0      | 0         | 3       | 1        | 1        |         |          |       |       |     |      | 6                   |
| Planned Interruption (Res)   | 13   | 9      | 8         | 20      | 3        | 8        |         |          |       |       |     |      | 61                  |
| Connection   | 12   | 6      | 15        | 9       | 12       | 9        |         |          |       |       |     |      | 63                  |
| Wrongful Disconnection   | 12   | 12     | 22        | 18      | 25       | 17       |         |          |       |       |     |      | 106                 |
| Reconnection   | 3    | 1      | 1         | 2       | 3        | 3        |         |          |       |       |     |      | 13                  |
| Hot Water Supply   | 0    | 0      | 1         | 1       | 0        | 2        |         |          |       |       |     |      | 4                   |
| Appointments   | 2    | 0      | 2         | 7       | 3        | 0        |         |          |       |       |     |      | 14                  |
| Reliability - Frequency  | 0    | 0      | 0         | 0       | 0        | 0        |         |          |       |       |     |      | 0                   |
| Reliability - Duration   | 0    | 0      | 0         | 21      | 1        | 14       |         |          |       |       |     |      | 36                  |
| Monthly Total  | 43   | 28     | 49        | 81      | 48       | 54       |         |          |       |       |     |      | 303                 |



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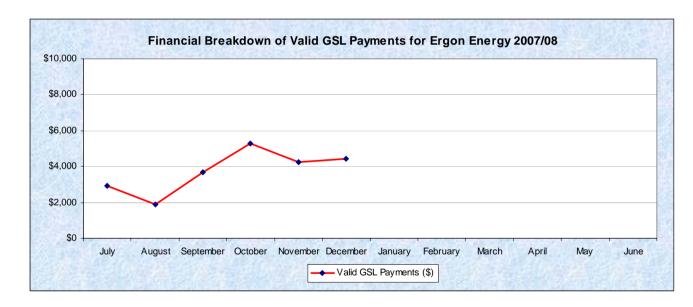
The above figures represent the total number of valid GSL claims paid for the quarter as defined under the Electricity Industry Code (the Code).

During the December quarter, Ergon Energy paid an additional 33 ex-gratia claims (\$2,640 in payments), relating to wild storms in the Wide Bay area on the 23-25 August 2007. The storms were later declared as an eligible disaster under the Natural Disaster Relief Arrangements (NDRRA) by the Queensland Minister for Emergency Services, alleviating Ergon Energy's obligation to pay related reliability GSL claims.

As Ergon Energy had already commenced paying GSLs to customers, as a gesture of good will Ergon Energy continued to accept and honour outstanding GSL claims up until the 25<sup>th</sup> October 2007. GSLs relating to the event were then converted and reported as ex-gratia payments and excluded from valid GSL claim statistics.

Valid GSL Claims - Financial Claim Breakdown for the Financial Year to Date

| Financial Breakdown of Valid GSL Payments for Ergon Energy - 2007/2008 Financial Year |            |            |            |            |            |            |         |          |       |       |     |      |                     |
|---|------------|------------|------------|------------|------------|------------|---------|----------|-------|-------|-----|------|---------------------|
| Type of GSL   | July       | August     | September  | October    | November   | December   | January | February | March | April | May | June | Cumulative<br>Total |
| Planned Interruption (Bus)  | \$50.00    | \$0.00     | \$0.00     | \$150.00   | \$50.00    | \$50.00    |         |          |       |       |     |      | \$300.00            |
| Planned Interruption (Res)  | \$260.00   | \$180.00   | \$160.00   | \$400.00   | \$60.00    | \$160.00   |         |          |       |       |     |      | \$1,220.00          |
| Connection  | \$1,210.00 | \$480.00   | \$1,080.00 | \$840.00   | \$1,320.00 | \$880.00   |         |          |       |       |     |      | \$5,810.00          |
| Wrongful Disconnection  | \$1,200.00 | \$1,200.00 | \$2,200.00 | \$1,800.00 | \$2,500.00 | \$1,700.00 |         |          |       |       |     |      | \$10,600.00         |
| Reconnection  | \$120.00   | \$40.00    | \$40.00    | \$80.00    | \$120.00   | \$280.00   |         |          |       |       |     |      | \$680.00            |
| Hot Water Supply  | \$0.00     | \$0.00     | \$120.00   | \$40.00    | \$0.00     | \$240.00   |         |          |       |       |     |      | \$400.00            |
| Appointments  | \$80.00    | \$0.00     | \$80.00    | \$280.00   | \$120.00   | \$0.00     |         |          |       |       |     |      | \$560.00            |
| Reliability - Frequency   | \$0.00     | \$0.00     | \$0.00     | \$0.00     | \$0.00     | \$0.00     |         |          |       |       |     |      | \$0.00              |
| Reliability - Duration  | \$0.00     | \$0.00     | \$0.00     | \$1,680.00 | \$80.00    | \$1,120.00 |         |          |       |       |     |      | \$2,880.00          |
| Monthly Total   | \$2,920.00 | \$1,900.00 | \$3,680.00 | \$5,270.00 | \$4,250.00 | \$4,430.00 |         |          |       |       |     |      | \$22,450.00         |



The above figures represent the total number of valid GSL claims paid for the quarter as defined under the Electricity Industry Code (the Code).

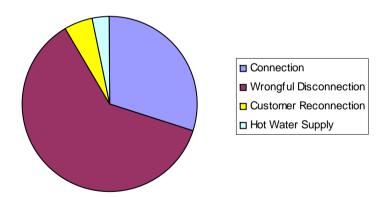
During the December quarter, Ergon Energy paid an additional 33 ex-gratia claims (\$2,640 in payments), relating to wild storms in the Wide Bay area on the 23-25 August 2007. The storms were later declared as an eligible disaster under the Natural Disaster Relief Arrangements (NDRRA) by the Queensland Minister for Emergency Services, alleviating Ergon Energy's obligation to pay related reliability GSL claims.

As Ergon Energy had already commenced paying GSLs to customers, as a gesture of good will Ergon Energy continued to accept and honour outstanding GSL claims up until the 25<sup>th</sup> October 2007. GSLs relating to the event were then converted and reported as ex-gratia payments and excluded from valid GSL claim statistics.

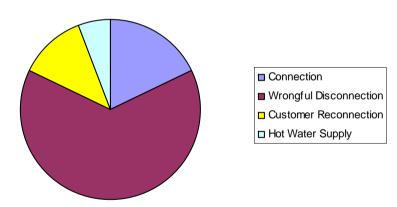
#### **Corporation Initiated GSL Claims Breakdown**

|                        | (                   | October 2007 to    | December 2007                      | 7           | Financial Year to Date |             |                    |             |  |  |
|------------------------|---------------------|--------------------|------------------------------------|-------------|------------------------|-------------|--------------------|-------------|--|--|
| Type of GSL            | Number of<br>Claims | Number<br>Accepted | Investigated<br>Claims Not<br>Paid | Amount Paid | Claims Raised          | Number Paid | Number Not<br>Paid | Amount Paid |  |  |
| Connection             | 32                  | 29                 | 3                                  | \$3,000.00  | 64                     | 61          | 3                  | \$5,720.00  |  |  |
| Wrongful Disconnection | 71                  | 60                 | 11                                 | \$6,000.00  | 126                    | 106         | 20                 | \$10,600.00 |  |  |
| Customer Reconnection  | 7                   | 5                  | 2                                  | \$280.00    | 10                     | 7           | 3                  | \$360.00    |  |  |
| Hot Water Supply       | 4                   | 3                  | 1                                  | \$280.00    | 5                      | 4           | 1                  | \$400.00    |  |  |
| Total                  | 114                 | 97                 | 17                                 | \$9,560.00  | 205                    | 178         | 27                 | \$17,080.00 |  |  |

Corporation Initiated
Valid GSL's - Oct to Dec 2007 Quarter



### Corporation Initiated Claims Not Paid - Oct to Dec 2007 Quarter



#### Corporation Initiated GSL Claims - Rejection Reasons, October 2007 to December 2007

There were 17 Corporation Initiated GSL claims investigated and not paid due to -

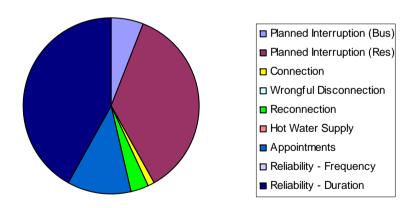
- 3 x Connections Typographical error Incorrect Date inserted when closing Service Order
- 11 x Wrongful Disconnections
  - o 4 Customers correctly disconnected for debt
  - 4 Customers had not made application for supply
  - o 1 Customer did not notify Ergon of premise address change when Units resurveyed and titles separated
  - o 1 Customer requested date change after Final Read/Disconnect was completed
  - 1 Customer did not meet Regulatory Requirements supply was never disconnected
- 2 x Reconnections Typographical error Incorrect Date inserted when closing Service Order
- 1 x Hot Water Typographical error Incorrect Service Order Type raised



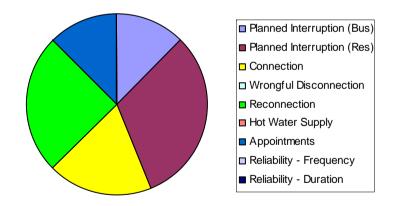
#### **Customer Initiated GSL Claims Breakdown**

|                            | (                   | October 2007 to    | December 2007      | 7           | Financial Year to Date |             |                    |             |  |  |
|----------------------------|---------------------|--------------------|--------------------|-------------|------------------------|-------------|--------------------|-------------|--|--|
| Type of GSL                | Number of<br>Claims | Number<br>Accepted | Number<br>Rejected | Amount Paid | Claims Raised          | Number Paid | Number Not<br>Paid | Amount Paid |  |  |
| Planned Interruption (Bus) | 7                   | 5                  | 2                  | \$250.00    | 9                      | 6           | 3                  | \$300.00    |  |  |
| Planned Interruption (Res) | 36                  | 31                 | 5                  | \$620.00    | 69                     | 61          | 8                  | \$1,220.00  |  |  |
| Connection                 | 4                   | 1                  | 3                  | \$40.00     | 5                      | 2           | 3                  | \$90.00     |  |  |
| Wrongful Disconnection     | 0                   | 0                  | 0                  | \$0.00      | 0                      | 0           | 0                  | \$0.00      |  |  |
| Reconnection               | 7                   | 3                  | 4                  | \$200.00    | 12                     | 6           | 6                  | \$320.00    |  |  |
| Hot Water Supply           | 0                   | 0                  | 0                  | \$0.00      | 0                      | 0           | 0                  | \$0.00      |  |  |
| Appointments               | 12                  | 10                 | 2                  | \$400.00    | 16                     | 14          | 2                  | \$560.00    |  |  |
| Reliability - Frequency    | 0                   | 0                  | 0                  | \$0.00      | 0                      | 0           | 0                  | \$0.00      |  |  |
| Reliability - Duration     | 36                  | 36                 | 0                  | \$2,880.00  | 36                     | 36          | 0                  | \$2,880.00  |  |  |
| Total                      | 102                 | 86                 | 16                 | \$4,390.00  | 147                    | 125         | 22                 | \$5,370.00  |  |  |

### Customer Initiated Valid GSL's - Oct to Dec 2007 Quarter



# Customer Initiated Rejected GSL's - Oct to Dec 2007 Quarter



#### Customer Initiated GSL Claims - Rejection Reasons, October 2007 to December 2007

There were 16 Customer Initiated GSL claims investigated and not paid due to -

- 7 x Planned Interruptions comprising
  - o 4 Planned Interruptions Ergon confirmed that all customers were sent notification via Australia Post for each planned outage. Each of the customers confirmed that the postal address used by Ergon for the notification letters was correct
  - o 2 Planned Interruptions Did not meet Regulatory Requirements submitted duplicate claim for same event
  - 1 Planned Interruptions Did not meet Regulatory Requirements customer not affected by outage
- 3 x Connections Automatically generated and paid as Corporation Initiated GSL claim
- 4 x Reconnections Automatically generated and paid as Corporation Initiated GSL claim
- 2 x Appointments comprising
  - o 1 Appointment did not meet Regulatory Requirements Customer was contacted to reschedule appointment
  - o 1 Appointment did not meet Regulatory Requirements Job was completed at scheduled appointment time

