

22 February 2005

Mr Sebastian Roberts  
 General Manager – Electricity  
 Regulatory Affairs Division  
 Australia Competition and Consumer Commission  
 GPO Box 520J  
 MELBOURNE VIC 3001

Dear Mr Roberts

Re: Murraylink 2004 Service Standards

Please find below a summary of the service standard results for Murraylink during 2004 and for the 84 days of regulated operation in 2003.

|             | (7:00 to 22:00 hours)       |          | (22:00 to 7:00 hours)           |          | <b>SCHEDULED</b> |          |
|-------------|-----------------------------|----------|---------------------------------|----------|------------------|----------|
|             | <b>FORCED PEAK</b><br>HOURS | MINUTES  | <b>FORCED OFF PEAK</b><br>HOURS | MINUTES  | HOURS            | MINUTES  |
| <b>2004</b> |                             | 5795.00  |                                 | 3475.00  |                  | 6496.00  |
|             | 96                          | 35       | 57                              | 55       | 108              | 16       |
|             | % Availability              | 98.88113 | 99.32990                        |          |                  | 98.74969 |
| Incentive   | S2                          | -0.004   | S3                              | -0.00004 | S1               | -0.004   |
| <b>2003</b> |                             | 376.00   |                                 | 540.00   |                  | 3780.00  |
|             | 6                           | 16       | 9                               | 0        | 63               | 0        |
|             | % Availability              | 99.68455 | 99.54753                        |          |                  | 99.27245 |
| Incentive   | S2                          | 0.001573 | S3                              | 0.000692 | S1               | 0.001951 |



for and on behalf of the **Murraylink Transmission Partnership**

In support of the results, I have attached a table listing the details of all our outages.

I will be available to discuss these results with your consultant at any time. Please call myself on (07) 3229 9834, Stuart Dodds on (07) 3229 8825 if you have any questions or comments.

Yours sincerely

Brian Williams (for)

François Roberge  
Chief Executive Officer

Att

**2004 Scheduled outages included in the calculation of the regulated performance measures.**

| TYPE      | START            | FINISH           | TOTAL MINUTES | DURATION | PEAK FORCED | OFF-PEAK FORCED | CAUSE  |
|-----------|------------------|------------------|---------------|----------|-------------|-----------------|--|
| scheduled | 08/02/2004 22:28 | 08/02/2004 23:08 | 40            | 00 : 40  |             |                 | MLRC & MLBI: Outage to reset Valve Control.                    |
| scheduled | 27/02/2004 19:57 | 28/02/2004 05:52 | 595           | 09 : 55  |             |                 | MLRC outage to repair Pole Control fault                       |
| scheduled | 08/03/2004 22:07 | 09/03/2004 02:42 | 275           | 04 : 35  |             |                 | MLRC outage to repair Pole Control fault                       |
| scheduled | 17/03/2004 04:34 | 18/03/2004 02:32 | 1318          | 21 : 58  |             |                 | MLRC & MLBI: outage to replace faulty IGBTs                    |
| scheduled | 09/09/2004 08:03 | 09/09/2004 11:28 | 205           | 03 : 25  |             |                 | MLRC & MLBI: outage for inspection prior to Annual Maintenance |
| scheduled | 08/10/2004 07:59 | 08/10/2004 14:13 | 374           | 06 : 14  |             |                 | MLRC & MLBI: outage to fumigate building.                      |
| scheduled | 12/10/2004 04:33 | 14/10/2004 04:33 | 2880          | 48 : 00  |             |                 | MLRC & MLBI: outage for Annual Maintenance                     |
| scheduled | 01/11/2004 22:05 | 01/11/2004 22:45 | 40            | 00 : 40  |             |                 | MLBI: Control system software changes.                         |
| scheduled | 02/11/2004 22:00 | 02/11/2004 22:29 | 29            | 00 : 29  |             |                 | MLRC: Control system software changes.                         |
| scheduled | 30/12/2004 07:00 | 30/12/2004 19:20 | 740           | 12 : 20  |             |                 | MLRC: Outage to replace faulty IGBTs                           |

**Scheduled** 108 : 16

**2004 Forced outages included in the calculation of the regulated performance measures.**

| TYPE   | START            | FINISH           | TOTAL MINUTES | DURATION | PEAK FORCED | OFF-PEAK FORCED | CAUSE   |
|--------|------------------|------------------|---------------|----------|-------------|-----------------|---|
| forced | 29/01/2004 11:01 | 29/01/2004 12:22 | 81            | 01 : 21  | 01 : 21     | 00 : 00         | MLRC: Trip during fire system testing - testing audible alarms and flashing light.  |
| forced | 13/02/2004 20:17 | 13/02/2004 22:09 | 112           | 01 : 52  | 01 : 43     | 00 : 09         | MLRC: Trip caused by Pole Control fault   |
| forced | 13/02/2004 22:31 | 13/02/2004 23:37 | 66            | 01 : 06  | 00 : 00     | 01 : 06         | MLRC: Trip caused by Pole Control fault   |
| forced | 15/02/2004 16:41 | 15/02/2004 20:24 | 223           | 03 : 43  | 03 : 43     | 00 : 00         | MLRC: Trip caused by Pole Control fault   |
| forced | 27/04/2004 11:58 | 27/04/2004 12:34 | 36            | 00 : 36  | 00 : 36     | 00 : 00         | MLBI: Trip caused by fire system - modifications to permit testing.                 |
| forced | 30/04/2004 02:26 | 30/04/2004 07:37 | 311           | 05 : 11  | 00 : 37     | 04 : 34         | MLBI: Outage to repair Pole Control Fault   |
| forced | 02/06/2004 06:09 | 02/06/2004 06:39 | 30            | 00 : 30  | 00 : 00     | 00 : 30         | MLBI: auxiliary power supply failure. Instability in the SA network probable cause. |
| forced | 02/06/2004 21:37 | 03/06/2004 02:09 | 272           | 04 : 32  | 00 : 23     | 04 : 09         | MLBI: RCI computer out of service.  |
| forced | 10/06/2004 10:08 | 10/06/2004 11:54 | 106           | 01 : 46  | 01 : 46     | 00 : 00         | MLRC: Vic Slow Runback operation triggered by MLSC disabling Runback controls.      |
| forced | 14/10/2004 04:33 | 19/10/2004 17:20 | 7967          | 132 : 47 | 85 : 20     | 47 : 27         | MLBI: Circuit breaker Fault   |
| forced | 15/12/2004 09:02 | 15/12/2004 10:08 | 66            | 01 : 06  | 01 : 06     | 00 : 00         | MLBI: Tripped due to VCU Fault  |

**Peak Forced** 96 : 35

**Off-peak Forced** 57 : 55

**2004 Outages excluded from the calculation of the regulated performance measures.**

| TYPE   | START            | FINISH           | TOTAL MINUTES | DURATION | PEAK FORCED | OFF-PEAK FORCED | CAUSE  |
|--------|------------------|------------------|---------------|----------|-------------|-----------------|--|
| forced | 30/04/2004 01:18 | 30/04/2004 02:26 | 68            | 01 : 08  | 00 : 00     | 01 : 08         | MLRC: Victorian Slow Runback Scheme Operation                                  |
| forced | 02/06/2004 06:39 | 02/06/2004 21:37 | 898           | 14 : 58  | 14 : 37     | 00 : 21         | MLBI: Faulty power supply for SCADA equipment in ElectraNet Monash substation. |
| forced | 29/06/2004 14:43 | 29/06/2004 14:46 | 3             | 00 : 03  | 00 : 03     | 00 : 00         | MLRC: Vic Fast Runback operation triggered by SPI PowerNet fault finding.      |
| forced | 20/08/2004 16:35 | 20/08/2004 18:30 | 115           | 01 : 55  | 01 : 55     | 00 : 00         | MLBI: Trip caused by SA Sever Trip Scheme operation.                           |

**2003 Scheduled outages included in the calculation of the regulated performance measures.**

| TYPE      | START            | FINISH           | TOTAL MINUTES | DURATION | PEAK FORCED | OFF-PEAK FORCED | CAUSE   |
|-----------|------------------|------------------|---------------|----------|-------------|-----------------|---|
| scheduled | 15/10/2003 16:46 | 17/10/2003 18:00 | 2954.00       | 49 : 14  |             |                 | MLRC & MLBI: Annual Maintenance                                       |
| scheduled | 19/10/2003 14:11 | 19/10/2003 14:29 | 18.00         | 00 : 18  |             |                 | MLBI: Outage to replace auxiliary power supply fuse                   |
| scheduled | 08/12/2003 09:07 | 08/12/2003 17:28 | 501.00        | 08 : 21  |             |                 | MLBI & MLRC: Software revisions for plant capacity increase to 220MW. |
| scheduled | 19/12/2003 03:08 | 19/12/2003 08:15 | 307.00        | 05 : 07  |             |                 | MLRC: Outage to repair leak in reactor cooling.                       |

**Scheduled** 63 : 00

**2003 Forced outages included in the calculation of the regulated performance measures.**

| TYPE   | START            | FINISH           | TOTAL MINUTES | DURATION | PEAK FORCED | OFF-PEAK FORCED | CAUSE   |
|--------|------------------|------------------|---------------|----------|-------------|-----------------|---|
| forced | 10/10/2003 18:04 | 11/10/2003 07:32 | 808.00        | 13 : 28  | 4 : 28      | 9 : 0           | MLRC: Trip caused by too many faulty IGBTs                |
| forced | 04/12/2003 14:25 | 04/12/2003 14:42 | 17.00         | 00 : 17  | 0 : 17      | 0 : 0           | MLBI: Trip caused by pole control fault.                  |
| forced | 08/12/2003 19:14 | 08/12/2003 19:47 | 33.00         | 00 : 33  | 0 : 33      | 0 : 0           | MLBI: Trip caused by pole control fault.                  |
| forced | 09/12/2003 09:45 | 09/12/2003 10:43 | 58.00         | 00 : 58  | 0 : 58      | 0 : 0           | MLRC: Trip caused logic error in over current protection. |

**Peak Forced**

**Off-peak Forced**

**All 2004 Outages in chronological order**

| TYPE      | START            | FINISH           | TOTAL MINUTES | DURATION | PEAK FORCED | OFF-PEAK FORCED | CAUSE   |
|-----------|------------------|------------------|---------------|----------|-------------|-----------------|---|
| forced    | 29/01/2004 11:01 | 29/01/2004 12:22 | 81            | 01 : 21  | 01 : 21     | 00 : 00         | MLRC: Trip during fire system testing - testing audible alarms and flashing light.  |
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| forced    | 02/06/2004 21:37 | 03/06/2004 02:09 | 272           | 04 : 32  | 00 : 23     | 04 : 09         | MLBI: RCI computer out of service.  |
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| scheduled | 19/10/2003 14:11 | 19/10/2003 14:29 | 18.00         | 00 : 18  |             |                 | MLBI: Outage to replace auxiliary power supply fuse                   |
| forced    | 04/12/2003 14:25 | 04/12/2003 14:42 | 17.00         | 00 : 17  | 0 : 17      | 0 : 0           | MLBI: Trip caused by pole control fault.                              |
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| forced    | 08/12/2003 19:14 | 08/12/2003 19:47 | 33.00         | 00 : 33  | 0 : 33      | 0 : 0           | MLBI: Trip caused by pole control fault.                              |
| forced    | 09/12/2003 09:45 | 09/12/2003 10:43 | 58.00         | 00 : 58  | 0 : 58      | 0 : 0           | MLRC: Trip caused logic error in over current protection.             |
| scheduled | 19/12/2003 03:08 | 19/12/2003 08:15 | 307.00        | 05 : 07  |             |                 | MLRC: Outage to repair leak in reactor cooling.                       |