



Response to EMCa Information Request

EMCa/060

STPIS data reconciliation



ElectraNet Corporate Headquarters

52-55 East Terrace, Adelaide, South Australia 5000 • PO Box, 7096, Hutt Street Post Office, Adelaide, South Australia 5000
Tel: (08) 8404 7966 • Fax: (08) 8404 7104 • Toll Free: 1800 243 853

Response to EMCa Model Questions

The following information is provided in response to the information request EMCa/060 on STPIS data reconciliation.

Question (EMCa/060)

We have been unable to resolve differences we have identified in the STPIS data ElectraNet provided in the revenue proposal. Can you please assist us by providing an explanation to the following.

The 2008 data was split into half year values due to the AER review timeframes. We would have expected that the average of the two half year data would be the same as the number that ElectraNet is proposing however, this does not appear to be the case.

Could you provide details on how ElectraNet derived the data and an explanation for why the average two half year data does not reconcile with ElectraNet's proposed number?

The data for 2010 appears to be inconsistent with that approved by the AER in its annual review for the 2010 calendar year.

The differences are:

- for Availability, table 4.7 has 99.64, while the AER review endorsed 99.716
- for critical circuit availability – non peak, table 4.7 has 99.71 while the AER review endorsed 99.49
- for LOS events >0.05 system minutes, table 4.7 has 10 events while the AER review endorsed 11.

Can you please confirm if this is the case and if so provide an explanation why?

Response

A review of the alignment of Table 4.7 with historic AER decision data has revealed a number of discrepancies, as ElectraNet has used the latest data from its events recording system in populating the table. The live data in ElectraNet's events database has been subject to ongoing review following the annual audits by the AER as further information comes to light over time on specific network incidents. Typically this has revealed additional exclusions relating to causation of events and/or the application of the 14 day cap as appropriate. These figures have not been subject to further AER audit.

In the interests of ensuring consistency with the approved and audited data reviewed by the AER, ElectraNet resubmits the data for Table 4.7 below based on AER decision values, where available, and ElectraNet data for those periods not previously reported to the AER.

Table 4.7: Performance against AER service standards scheme [as amended to reflect AER annual decisions]

	2007	2008 H1	2008 H2	2008	2009	2010	2011
Availability (%)	99.38	99.39	99.05	99.22	99.74	99.69	99.59
Availability Critical Peak (%)	99.03	98.09	97.26	97.68	99.82	99.75	99.3
Availability Critical Non-Peak (%)	99.53	99.70	97.25	98.47	99.93	99.49	99.41
Average Outage Duration (Minutes)	270	203	195	199	161	130	256
No of events >0.2 System minutes	1	0	1	1	2	6	1
No of events >0.05 System minutes	7	2	3	5	3	11	7
Market Impact Parameter (Dispatch Intervals)	2,427			1,834	515	1,789	1,375
AER Reviewed values							
ElectraNet values							
Calculated values							

With respect to the specific questions, the calculated values for 2008 are the simple average of the two half years for availability and average outage duration parameters and the sum of the two half years for the system minute based parameters.

In all cases the AER decision data recorded above is from the final data submitted to the AER during the audit process taking into account the AER’s decisions on inclusions and exclusions.

With respect to the 2010 AER decision data in particular we note that the correct value for the Availability performance is 99.693% per the final version of the annual performance data submitted to the AER on 28/2/2012 via email, and not 99.716% as referred to in the question above.