



The Effectiveness of Automated Procedures for Identifying Dispatch Intervals Subject to Review

August 2019

2018 Review

Important notice

PURPOSE

This report is provided in accordance with National Electricity Rules (NER) clause 3.9.2B(l). It is based on information available to AEMO at 5 August 2019.

Unless otherwise indicated, terms in this report have the same meanings as those defined in the NER.

All references to time in this report are based on Australian Eastern Standard Time (AEST).

DISCLAIMER

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GLOSSARY

Term	Definition
DI	Dispatch Interval
MII	Manifestly Incorrect Input
NER	National Electricity Rules
OCD	Over-Constrained Dispatch
Price change	The price threshold is breached if either: $\text{Min} (ROP_i , ROP_{i-1}) > X$ and $\text{Price Change} = ROP_i - ROP_{i-1} / \text{Min} (ROP_i , ROP_{i-1}) > Y$ Or, $\text{Min} (ROP_i , ROP_{i-1}) \leq X$ and $\text{Price Change} = ROP_i - ROP_{i-1} > X * Y$ Where X and Y are regional specific parameters.
ROP	Regional Original Price

Executive summary

The National Electricity Rules (NER) provide for AEMO to apply automated procedures to identify dispatch intervals (DIs) where manifestly incorrect inputs (MII) may have resulted in material differences in pricing outcomes¹.

Those DIs are subject to review. AEMO must determine whether a DI subject to review in fact contained a MII to the dispatch algorithm.

The NER also require AEMO to review and report on the effectiveness of the automated procedures.

This report analyses the effectiveness of AEMO's automated procedures for identifying DIs subject to review during 2018. It has been published to meet the requirements of rule 3.9.2B(l) of the NER.

There was no evidence in 2018 that the automated procedures were ineffective in detecting instances where an MII may have resulted in material differences in pricing outcomes. The automated procedures identified 121 DIs that were subject to review. Further investigations indicated that the prices for two DIs that were flagged for review were incorrectly accepted. These two incidents are under investigation for scheduling error.

AEMO does not believe tightening or relaxing the thresholds used in the existing automated procedures would result in material improvements to this process.

¹ Process available from https://www.aemo.com.au/-/media/Files/Electricity/NEM/Security_and_Reliability/Dispatch/Policy_and_Process/2017/Automated-Procedures-For-Identifying-Dispatch-Intervals-Subject-to-Review.docx.

1. Analysis of dispatch intervals subjected to review during 2018

The table below lists the DIs that were automatically identified as subject to review for the year 2018, as well as the associated material differences in prices and interconnector flows. For each of the DIs identified, AEMO followed the review process as outlined in the document “Automated procedures for identifying dispatch intervals subject to review”^{Error! Bookmark not defined.} to determine whether to accept or reject the prices (Price status (A=accepted, R=rejected)) in real time. Annually, AEMO then reviews all the DIs and lists the reasons (Explanation and Reason) for each of the DIs identified while assessing the effectiveness of the automated procedures.

Incident number	Date and time	Region	Price status (A=accepted, R=rejected)	Price change (% Absolute)	Previous ROP (\$/MWh)	Current ROP (\$/MWh)	Interconnector	Previous flow (MW)	Current flow (MW)	Absolute change in flow (MW)	Region flow threshold (MW)	Explanation	Reason
1	17/01/2018 21:35	TAS1	A	4.06	80.13	405.80	T-V-MNSP1	279	81	-198	190	Rebidding to higher price bands	Rebidding
2	18/01/2018 9:05	TAS1	A	101.34	100.44	-0.90	T-V-MNSP1	-429	-207	221	190	Rebidding to lower price bands	Rebidding
3	18/01/2018 19:20	SA1	A	164.19	14200.00	85.96	V-SA	555	243	-312	150	Decrease in demand and rebidding to lower price bands	Demand change / Rebidding
4	18/01/2018 23:05	TAS1	A	163.54	75.60	12439.10	T-V-MNSP1	389	197	-192	190	Rebidding to higher price bands	Rebidding
5	19/01/2018 6:35	TAS1	A	127.16	126.42	-0.74	T-V-MNSP1	-394	-160	235	190	Rebidding to lower price bands	Rebidding
6	19/01/2018 20:35	TAS1	A	420.66	-0.64	420.02	T-V-MNSP1	478	265	-213	190	Rebidding to higher price bands	Rebidding

Incident number	Date and time	Region	Price status (A=accepted, R=rejected)	Price change (% Absolute)	Previous ROP (\$/MWh)	Current ROP (\$/MWh)	Interconnector	Previous flow (MW)	Current flow (MW)	Absolute change in flow (MW)	Region flow threshold (MW)	Explanation	Reason
7	20/01/2018 0:50	QLD1	A	848.80	49.48	-41946.11	NSW1-QLD1	-725	-285	440	240	Constraint action due to unplanned outage of a transmission line	Constraint action / Unplanned outage
8	22/01/2018 11:15	TAS1	A	19146.50	111.24	119144.41	T-V-MNSP1	185	-18	-203	190	Incorrect SCADA resulted in Over-Constrained Dispatch (OCD) and price automatically accepted after MII timed out (30 minutes). Under further investigation.	Incorrect SCADA
9	25/01/2018 15:55	VIC1	A	107.25	120.89	13085.81	V-SA	149	-32	-181	150	Transmission line reclassification due to lightning in VIC	Constraint action / Line reclassification
		SA1	A	143.01	130.21	18752.23	V-SA	149	-32	-181	150		
10	25/01/2018 16:00	VIC1	A	149.53	13085.81	86.93	VIC1-NSW1	-196	677	873	500	Transmission line reclassification due to lightning in VIC	Constraint action / Line reclassification
		QLD1	A	102.05	103.73	1.68	NSW1-QLD1	-457	23	480	240		
		NSW1	A	106.45	108.04	1.59	NSW1-QLD1	-457	23	480	450		
		NSW1	A	106.45	108.04	1.59	VIC1-NSW1	-196	677	873	500		
11	27/01/2018 9:00	TAS1	A	239.17	240.04	0.87	T-V-MNSP1	-424	-210	213	190	Rebidding to lower price bands	Rebidding
12	28/01/2018 0:05	TAS1	A	5.10	39.32	240.02	T-V-MNSP1	-77	-323	-246	190	Rebidding to higher price bands	Rebidding
13	28/01/2018 15:05	SA1	A	7.30	122.40	1015.43	V-SA	207	23	-184	150	Rebidding to higher price bands	Rebidding
	28/01/2018 15:05	VIC1	A	7.82	110.61	975.27	V-SA	207	23	-184	150		
14	28/01/2018 15:35	NSW1	A	4.08	59.05	299.88	VIC1-NSW1	263	-274	-537	500	Marginal increase in demand and rebidding to	Demand Change / Rebidding
		QLD1	A	3.81	55.50	267.19	NSW1-QLD1	-488	-749	-262	240		
		SA1	A	5.09	57.42	349.95	V-SA	-362	-33	329	150		

Incident number	Date and time	Region	Price status (A=accepted, R=rejected)	Price change (% Absolute)	Previous ROP (\$/MWh)	Current ROP (\$/MWh)	Interconnector	Previous flow (MW)	Current flow (MW)	Absolute change in flow (MW)	Region flow threshold (MW)	Explanation	Reason
		VIC1	A	4.46	62.81	342.78	VIC1-NSW1	263	-274	-537	500	higher price bands	
		VIC1	A	4.46	62.81	342.78	V-SA	-362	-33	329	150		
15	1/02/2018 21:40	TAS1	A	4.52	446.23	80.89	T-V-MNSP1	9	-191	-200	190	Change in interconnector flow due to constraint	Constraint equation action
16	7/02/2018 13:40	SA1	A	37.71	350.00	13549.66	V-SA	216	32	-184	150	Marginal increase in demand and rebidding to higher price bands	Demand Change / Rebidding
		VIC1	A	39.30	323.78	13049.80	V-SA	216	32	-184	150		
17	7/02/2018 13:45	SA1	A	63.52	13549.66	210.00	V-SA	32	245	213	150	Rebidding to lower price bands	Rebidding
		VIC1	A	68.64	13049.80	187.40	V-SA	32	245	213	150		
18	8/02/2018 1:05	SA1	A	212.31	68.79	590.01	V-SA	275	-289	-564	150	Incorrect SCADA resulted in OCD and price automatically accepted after MII timed out (30 minutes). Under further investigation.	Incorrect SCADA
		VIC1	A	7968.77	60.92	-62885.49	V-SA	275	-289	-564	150		
19	8/02/2018 1:35	SA1	A	14.65	-993.80	72.80	V-SA	-500	-175	325	150	SA generators rebidding to higher price bands	Rebidding
		VIC1	A	64.77	10.50	75.27	V-SA	-500	-175	325	150		
20	13/02/2018 05:40	TAS1	A	86.00	85.36	-0.64	T-V-MNSP1	-92	107	199	190	Rebidding to lower price bands	Rebidding
21	14/02/2018 16:20	VIC1	A	4.17	44.14	-139.82	VIC1-NSW1	623	-54	-677	500	Change in interconnector flow due to constraint	Constraint equation action
22	16/02/2018 05:35	TAS1	A	86.23	95.67	9.44	T-V-MNSP1	-112	91	204	190	Rebidding to lower price bands	Rebidding
23	8/03/2018 17:10	VIC1	A	6.90	114.18	902.07	V-SA	322	96	-226	150	Constraint action & generator constrained to 0 MW due to unplanned outage of a transmission line.	Constraint action / Unplanned outage
		SA1	A	6.32	131.06	959.79	V-SA	322	96	-226	150		

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24	14/03/2018 11:05	QLD1	A	60.73	59.73	-1.00	NSW1-QLD1	-504	-226	278	240	Constraint action due to generator trip	Constraint action / Unplanned outage
		SA1	A	23.22	78.69	1906.20	V-SA	131	-122	-253	150		
		VIC1	A	24.60	73.80	1889.67	V-SA	131	-122	-253	150		
25	14/03/2018 11:35	SA1	A	68.61	10.08	78.69	V-SA	-190	73	263	150	Rebidding to higher price bands	Rebidding
		NSW1	A	62.90	12.00	74.90	VIC1-NSW1	956	88	-867	500		
		VIC1	A	64.84	10.50	75.34	VIC1-NSW1	956	88	-867	500		
		VIC1	A	64.84	10.50	75.34	V-SA	-190	73	263	150		
VIC1	A	64.84	10.50	75.34	T-V-MNSP1	478	243	-235	190				
26	18/03/2018 03:50	TAS1	A	4.28	387.69	73.47	T-V-MNSP1	-225	-425	-200	190	Change in interconnector flow due to constraint	Constraint equation action
27	22/03/2018 21:05	TAS1	A	5.35	61.03	387.77	T-V-MNSP1	267	50	-217	190	Rebidding to higher price bands	Rebidding
28	25/03/2018 03:35	SA1	A	24.63	42.31	-1000.00	V-SA	200	359	159	150	Decrease in demand	Demand change
		VIC1	A	14.06	36.00	-470.23	V-SA	200	359	159	150		
29	25/03/2018 03:40	SA1	A	993.71	-1000.00	-6.29	V-SA	359	187	-172	150	Change in interconnector flow due to constraint	Constraint equation action
		VIC1	A	488.51	-470.23	18.28	V-SA	359	187	-172	150		
30	19/04/2018 18:45	VIC1	A	5.26	544.58	86.93	V-SA	169	329	160	150	Marginal decrease in demand and step change in bids	Demand change / Step change in bids
		SA1	A	4.92	590.01	99.60	V-SA	169	329	160	150		
31	26/04/2018 11:30	SA1	A	3154.55	135.00	426000.00	V-SA	465	199	-266	150	Unplanned outage of a transmission line and a SVC	Unplanned outage
32	26/04/2018 12:05	SA1	A	14.60	-979.34	72.00	V-SA	-187	-13	174	150	Rebidding	Rebidding
33	26/04/2018 15:35	SA1	A	14.39	-1000.00	74.66	V-SA	0	173	173	150	Rebidding	Rebidding
34	27/04/2018 18:50	SA1	A	3880.62	109.75	426000.00	V-SA	416	182	-234	150	Unplanned outage of a transmission line and a SVC	Unplanned outage
35	5/06/2018 17:25	QLD1	A	130.64	140.05	9.41	NSW1-QLD1	-1085	-651	434	240	Rebidding and changes in demand	Rebidding and demand changes

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36	7/06/2018 10:30	QLD1	A	3.06	42.81	-88.28	NSW1-QLD1	-741	-428	313	240	Rebidding	Rebidding
	7/06/2018 10:30	QLD1	A	3.06	42.81	-88.28	N-Q-MNSP1	-89	-169	-80	80		
37	7/06/2018 17:05	NSW1	A	3.36	299.60	68.69	VIC1-NSW1	1293	755	-538	500	Step change in bids	Step change in bids
38	8/06/2018 17:10	NSW1	A	3.30	299.60	69.67	VIC1-NSW1	1501	818	-683	500	Rebidding	Rebidding
39	4/07/2018 00:10	SA1	A	1364.71	9.79	1374.50	V-SA	-30	195	224	150	Two units de-committing	Units decommitting
40	15/07/2018 01:35	TAS1	A	4.46	25.57	139.76	T-V-MNSP1	255	55	-200	190	Step change in bids	Step change in bids
41	29/07/2018 12:35	SA1	A	61.84	60.84	-1.00	V-SA	-62	-257	-195	150	Increase in wind generation	Changes in wind generation
42	29/07/2018 14:35	SA1	A	67.20	66.20	-1.00	V-SA	-71	-250	-179	150	Increase in wind generation	Changes in wind generation
43	31/07/2018 12:40	SA1	A	1019.62	-1000.00	19.62	V-SA	-165	-14	151	150	Decrease in wind generation	Changes in wind generation
44	5/08/2018 04:20	VIC1	A	962.17	4.95	-957.21	T-V-MNSP1	328	128	-200	190	High wind generation	Wind generation
45	9/08/2018 12:10	SA1	A	14.58	-1000.00	73.65	V-SA	-151	2	154	150	Decrease in wind generation	Changes in wind generation
46	15/08/2018 09:25	TAS1	A	29.01	76.09	2283.33	T-V-MNSP1	365	163	-202	190	Rebidding	Rebidding
47	25/08/2018 13:25	SA1	A	3.40	62.60	-150.00	V-SA	-164	0	164	150	Unplanned outage - SA and QLD separation	Unplanned outage
48	25/08/2018 13:35	QLD1	A	3.65	64.73	300.90	N-Q-MNSP1	-128	-45	83	80	Unplanned outage - SA and QLD separation	Unplanned outage
49	25/08/2018 13:45	QLD1	A	1411.69	1411.69	0.00	N-Q-MNSP1	-37	-117	-80	80	Unplanned outage - SA and QLD separation	Unplanned outage
50	7/09/2018 08:10	QLD1	A	5.62	216.38	-1000.00	NSW1-QLD1	-983	-341	642	240	Transmission line reclassification due to lightning	Line reclassification

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51	7/09/2018 22:10	QLD1	A	71.75	199.73	-14131.56	NSW1-QLD1	-1053	-340	713	240	Transmission line reclassification due to lightning	Line reclassification
52	14/09/2018 12:35	TAS1	A	195.54	-0.23	195.31	T-V-MNSP1	161	-39	-200	190	Rebidding	Rebidding
53	18/09/2018 02:25	VIC1	A	62.17	8.02	70.19	T-V-MNSP1	50	-150	-200	190	Rebidding	Rebidding
54	23/09/2018 17:30	TAS1	A	13.86	269.71	4007.63	T-V-MNSP1	405	210	-196	190	Constraint action due to planned outage	Constraint equation action
55	23/09/2018 17:35	TAS1	A	4000.21	4007.63	7.42	T-V-MNSP1	210	434	224	190	Constraint action due to planned outage	Constraint equation action
56	23/09/2018 18:15	TAS1	A	59.16	80.24	4827.43	T-V-MNSP1	426	188	-239	190	Constraint action due to planned outage	Constraint equation action
57	23/09/2018 18:20	TAS1	A	4820.01	4827.43	7.42	T-V-MNSP1	188	419	232	190	Constraint action due to planned outage	Constraint equation action
58	23/09/2018 20:20	TAS1	A	47.96	99.35	4864.57	T-V-MNSP1	391	182	-209	190	Constraint action due to planned outage	Constraint equation action
59	23/09/2018 20:25	TAS1	A	4857.20	4864.57	7.37	T-V-MNSP1	182	408	226	190	Constraint action due to planned outage	Constraint equation action
60	24/09/2018 05:55	TAS1	A	124.43	81.77	10256.94	T-V-MNSP1	318	124	-194	190	Constraint action due to planned outage	Constraint equation action
61	24/09/2018 06:00	TAS1	A	151.48	10256.94	67.27	T-V-MNSP1	124	384	261	190	Constraint action due to planned outage	Constraint equation action
62	24/09/2018 06:20	TAS1	A	987.52	86.58	85581.97	T-V-MNSP1	322	82	-240	190	Change in interconnector flow due to constraint	Constraint equation action
63	24/09/2018 06:25	TAS1	A	967.83	85581.97	88.34	T-V-MNSP1	82	301	219	190	Change in interconnector flow due to constraint	Constraint equation action

Incident number	Date and time	Region	Price status (A=accepted, R=rejected)	Price change (% Absolute)	Previous ROP (\$/MWh)	Current ROP (\$/MWh)	Interconnector	Previous flow (MW)	Current flow (MW)	Absolute change in flow (MW)	Region flow threshold (MW)	Explanation	Reason
64	24/09/2018 06:40	TAS1	A	127.67	66.32	8533.87	T-V-MNSP1	326	86	-240	190	Change in interconnector flow due to constraint	Constraint equation action
65	24/09/2018 06:55	TAS1	A	124.71	67.49	8484.22	T-V-MNSP1	377	126	-251	190	Change in interconnector flow due to constraint	Constraint equation action
66	24/09/2018 07:15	TAS1	A	49.39	67.96	3424.44	T-V-MNSP1	374	182	-193	190	Change in interconnector flow due to constraint	Constraint equation action
67	24/09/2018 07:20	TAS1	A	11.71	3424.44	269.45	T-V-MNSP1	182	377	196	190	Change in interconnector flow due to constraint	Constraint equation action
68	24/09/2018 07:30	TAS1	A	18.89	269.45	5360.25	T-V-MNSP1	398	182	-216	190	Change in interconnector flow due to constraint	Constraint equation action
69	24/09/2018 07:35	TAS1	A	18.87	5360.25	269.75	T-V-MNSP1	182	373	192	190	Change in interconnector flow due to constraint	Constraint equation action
70	24/09/2018 07:40	TAS1	A	17.83	269.75	5080.17	T-V-MNSP1	373	157	-216	190	Change in interconnector flow due to constraint	Constraint equation action
71	24/09/2018 07:45	TAS1	A	17.85	5080.17	269.45	T-V-MNSP1	157	376	219	190	Change in interconnector flow due to constraint	Constraint equation action
72	24/09/2018 07:50	TAS1	A	22.17	269.45	6243.45	T-V-MNSP1	376	139	-236	190	Change in interconnector flow due to constraint	Constraint equation action
73	24/09/2018 08:45	TAS1	A	17.53	269.75	4999.79	T-V-MNSP1	391	198	-193	190	Change in interconnector flow due to constraint	Constraint equation action
74	24/09/2018 08:50	TAS1	A	109.59	4999.79	45.21	T-V-MNSP1	198	405	207	190	Change in interconnector flow due to constraint	Constraint equation action
75	24/09/2018 09:05	TAS1	A	6.04	907.69	6392.00	T-V-MNSP1	392	153	-239	190	Change in interconnector flow due to constraint	Constraint equation action

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76	24/09/2018 09:10	TAS1	A	140.54	6392.00	45.16	T-V-MNSP1	153	388	235	190	Change in interconnector flow due to constraint	Constraint equation action
77	24/09/2018 09:35	TAS1	A	19.71	269.75	5587.08	T-V-MNSP1	439	193	-245	190	Change in interconnector flow due to constraint	Constraint equation action
78	24/09/2018 09:40	TAS1	A	19.72	5587.08	269.71	T-V-MNSP1	193	409	216	190	Change in interconnector flow due to constraint	Constraint equation action
79	24/09/2018 09:55	TAS1	A	17.61	269.71	5019.95	T-V-MNSP1	434	201	-233	190	Change in interconnector flow due to constraint	Constraint equation action
80	24/09/2018 10:00	TAS1	A	60.87	5019.95	81.14	T-V-MNSP1	201	415	214	190	Change in interconnector flow due to constraint	Constraint equation action
81	24/09/2018 11:55	TAS1	A	882.29	99.95	88284.17	T-V-MNSP1	221	26	-195	190	Change in interconnector flow due to constraint	Constraint equation action
82	25/09/2018 09:00	TAS1	A	976.07	98887.10	101.21	T-V-MNSP1	33	259	225	190	Generation constrained off due to constraint	Constraint equation action
83	25/09/2018 10:35	QLD1	A	16.44	64.78	-1000.00	NSW1-QLD1	-708	-218	490	240	Transmission line reclassification due to lightning in QLD	Constraint action / line reclassification
	25/09/2018 10:35	TAS1	A	98.62	12759.39	128.08	T-V-MNSP1	75	270	195	190	Generation constrained off due to constraint	Constraint equation action
84	25/09/2018 14:20	TAS1	A	628.34	50705.67	80.57	T-V-MNSP1	26	238	212	190	Generation constrained off due to constraint	Constraint equation action
85	26/09/2018 01:10	QLD1	A	652.57	65.08	-42406.94	NSW1-QLD1	-860	-425	435	240	Transmission line reclassification due to lightning in QLD	Constraint action / line reclassification
86	26/09/2018 07:10	TAS1	A	23.55	64.27	1577.53	T-V-MNSP1	438	245	-193	190	Generation constrained off due to constraint	Constraint equation action

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87	26/09/2018 07:40	TAS1	A	38.65	45.21	1792.58	T-V-MNSP1	478	271	-207	190	Generation constrained off due to constraint	Constraint equation action
88	26/09/2018 13:20	QLD1	A	12.47	87.16	-1000.00	NSW1-QLD1	-755	-324	431	240	Transmission line reclassification due to lightning in QLD	Constraint action / line reclassification
89	28/09/2018 05:05	TAS1	A	85.13	84.31	-0.82	T-V-MNSP1	-57	139	196	190	Rebidding to lower price bands	Rebidding
90	28/09/2018 06:05	QLD1	A	68.24	84.60	16.36	NSW1-QLD1	-446	-155	291	240	Rebidding to lower price bands	Rebidding
91	29/09/2018 18:05	TAS1	A	112.40	112.15	-0.25	T-V-MNSP1	160	379	219	190	Rebidding	Rebidding
92	30/09/2018 00:15	SA1	A	12.69	82.73	1132.34	V-SA	-40	-334	-294	150	Changes in interconnector flows due to internal TAS constraints	Constraint equation action
		TAS1	A	208.15	269.65	56397.34	T-V-MNSP1	350	117	-233	190		
		VIC1	A	13.63	84.37	1234.21	V-SA	-40	-334	-294	150		
		VIC1	A	13.63	84.37	1234.21	T-V-MNSP1	350	117	-233	190		
93	30/09/2018 00:20	VIC1	A	18.74	1234.21	62.53	V-SA	-334	-67	266	150	Changes in interconnector flows due to internal TAS constraints	Constraint equation action
		SA1	A	17.65	1132.34	60.73	V-SA	-334	-67	266	150		
94	30/09/2018 17:20	TAS1	A	163.40	162.58	-0.82	T-V-MNSP1	183	410	227	190	Rebidding	Rebidding
95	6/10/2018 14:45	QLD1	A	16.39	64.99	-1000.00	NSW1-QLD1	-776	-358	418	240	Changes in interconnector flows due to reclassification	Constraint equation action
96	8/10/2018 06:05	TAS1	A	93.96	106.02	12.06	T-V-MNSP1	-224	-23	201	190	Rebidding	Rebidding
97	11/10/2018 09:05	TAS1	A	5.41	66.56	426.89	T-V-MNSP1	217	24	-193	190	Rebidding	Rebidding
98	12/10/2018 08:35	TAS1	A	5.96	61.29	426.77	T-V-MNSP1	257	34	-224	190	Rebidding	Rebidding
99	14/10/2018 20:20	TAS1	A	5.06	426.89	70.49	T-V-MNSP1	58	-141	-199	190	Changes in interconnector flows with Basslink no longer able to transfer FCAS	Constraint equation action

Incident number	Date and time	Region	Price status (A=accepted, R=rejected)	Price change (% Absolute)	Previous ROP (\$/MWh)	Current ROP (\$/MWh)	Interconnector	Previous flow (MW)	Current flow (MW)	Absolute change in flow (MW)	Region flow threshold (MW)	Explanation	Reason
100	17/10/2018 13:50	QLD1	A	11.07	99.33	-1000.00	NSW1-QLD1	-753	-357	396	240	Changes in interconnector flows due to reclassification	Constraint equation action
101	18/10/2018 11:40	QLD1	A	242.39	59.95	-14471.36	NSW1-QLD1	-886	-363	523	240	Changes in interconnector flows due to reclassification	Constraint equation action
102	18/10/2018 17:25	QLD1	A	130.05	130.05	0.00	NSW1-QLD1	-828	-387	441	240	Changes in interconnector flows due to reclassification	Constraint equation action
103	19/10/2018 16:00	QLD1	A	131.10	144.90	13.80	NSW1-QLD1	-748	-370	378	240	Changes in interconnector flows due to reclassification	Constraint equation action
104	20/10/2018 16:35	TAS1	A	93.09	92.28	-0.81	T-V-MNSP1	-204	18	222	190	Changes in interconnector flows with Basslink no longer able to transfer FCAS	Constraint equation action
105	31/10/2018 06:30	TAS1	A	26.48	75.52	2075.43	T-V-MNSP1	-160	-359	-199	190	Changes in interconnector flows due to internal TAS constraints	Constraint equation action
106	31/10/2018 09:15	TAS1	A	32.27	2175.25	65.39	T-V-MNSP1	-391	-108	283	190	Constraint action in TAS and changes in ramp rates	Constraint equation action
107	31/10/2018 12:20	TAS1	A	116.45	129.11	12.66	T-V-MNSP1	-302	-89	213	190	Ramp up of large units in TAS	Increased generator availability
108	31/10/2018 21:05	TAS1	A	4.02	84.15	422.36	T-V-MNSP1	169	-23	-192	190	Rebidding	Rebidding
109	1/11/2018 08:05	TAS1	A	4.46	77.37	422.28	T-V-MNSP1	282	63	-219	190	Rebidding	Rebidding
110	6/11/2018 07:25	QLD1	A	3.62	301.00	65.13	NSW1-QLD1	-24	-273	-249	240	Rebidding to lower price bands and a sudden decrease in demand	Rebidding and demand changes
111	6/11/2018 18:25	QLD1	A	3.59	1409.44	307.24	N-Q-MNSP1	12	-69	-81	80	Rebidding to lower price bands	Rebidding
112	8/11/2018 10:05	TAS1	A	6.99	52.87	422.32	T-V-MNSP1	208	7	-201	190	Rebidding	Rebidding
113	10/11/2018 05:50	TAS1	A	7.35	52.41	437.85	T-V-MNSP1	-191	0	191	190	Basslink on outage	Outage

Incident number	Date and time	Region	Price status (A=accepted, R=rejected)	Price change (% Absolute)	Previous ROP (\$/MWh)	Current ROP (\$/MWh)	Interconnector	Previous flow (MW)	Current flow (MW)	Absolute change in flow (MW)	Region flow threshold (MW)	Explanation	Reason
114	5/12/2018 13:55	QLD1	A	3.04	290.23	71.78	NSW1-QLD1	99	-178	-277	240	Rebidding to lower price bands	Rebidding
115	6/12/2018 15:00	SA1	A	4.83	499.92	85.80	V-SA	-73	111	184	150	Rebidding to lower price bands	Rebidding
		VIC1	A	5.26	524.07	83.66	V-SA	-73	111	184	150		
116	7/12/2018 00:15	TAS1	A	4.33	287.56	53.92	T-V-MNSP1	224	434	211	190	Rebidding	Rebidding
117	7/12/2018 00:35	TAS1	A	4.33	53.90	287.47	T-V-MNSP1	294	98	-196	190		
118	7/12/2018 14:35	SA1	A	96.60	111.49	14.89	V-SA	-217	-404	-186	150	Rebidding to lower price bands	Rebidding
		VIC1	A	106.59	123.70	17.11	V-SA	-217	-404	-186	150		
119	7/12/2018 15:35	SA1	A	75.89	9.91	85.80	V-SA	-406	-187	219	150	Rebidding to higher price bands	Rebidding
		VIC1	A	83.35	11.17	94.51	V-SA	-406	-187	219	150		
120	14/12/2018 15:45	QLD1	A	238.90	14500.01	60.44	NSW1-QLD1	227	-387	-614	240	Rebidding to lower price bands	Rebidding
121	14/12/2018 16:05	QLD1	A	68.19	13.80	81.99	NSW1-QLD1	-850	-485	365	240	Rebidding to higher price bands	Rebidding