

5 Minute Settlement

Reposit's View on Materiality





Reposit is a brain for your battery that you can buy today.

Reposit works tirelessly to create financial value for its owner.

Reposit works with battery/electricity retailer brands that want to deliver the best possible financial return for their customers.

Wholesale market interaction needs lots of smarts.





The NEM is Calling Out for Faster Response.

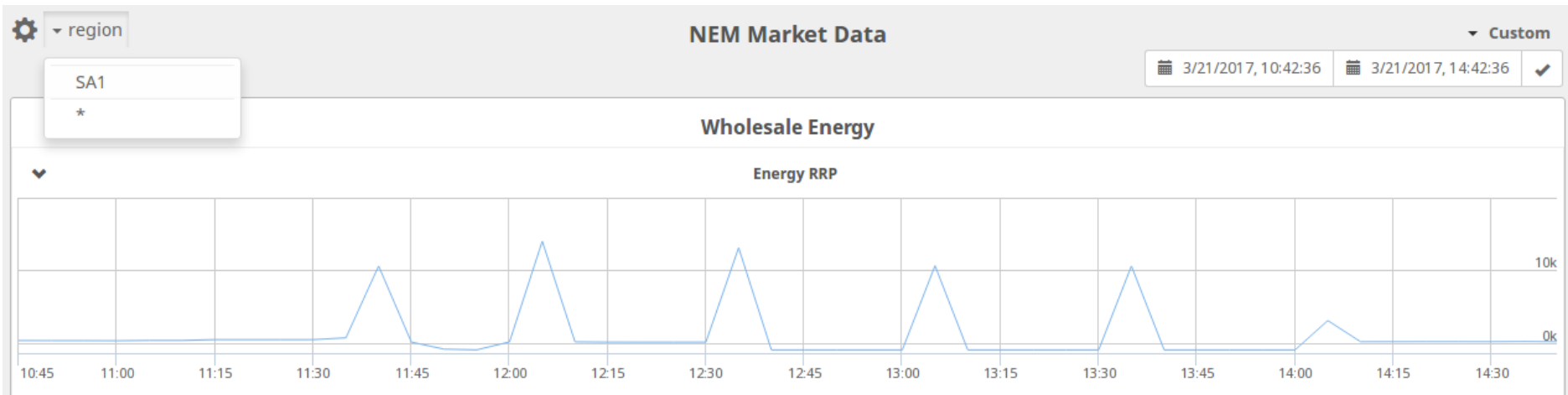
- Increasing value for loads and generators that can vary their power quickly
- Growing instability
- Retirement of the slowest generators

30-minute settlement is muffling that call.

Materiality

Date: 21st March 2017 – 11:30 till 14:30

Region: SA1



EOI	5-Min Price	5-Min Earnings		
11:35:00	1162.32	\$0.48	30 min settlement price	\$2,077.15
11:40:00	11169.45	\$4.65	30 min earnings	\$5.19
11:45:00	563.14	\$0.23	5 min earnings	\$6.02
11:50:00	-418.2	\$0.17	Gain (without arb)	13.80%
11:55:00	-579.61	\$0.24		
12:00:00	565.77	\$0.24		
12:05:00	14489.75	\$6.04	30 min settlement price	\$2,882.37
12:10:00	590.46	\$0.25	30 min earnings	\$7.21
12:15:00	548.16	\$0.23	5 min earnings	\$7.21
12:20:00	551.24	\$0.23	Gain (without resale arb)	0.00%
12:25:00	546.2	\$0.23		
12:30:00	568.39	\$0.24		
12:35:00	13590.43	\$5.66	30 min settlement price	\$1,849.38
12:40:00	-508	\$0.21	30 min earnings	\$4.62
12:45:00	-526.18	\$0.22	5 min earnings	\$6.70
12:50:00	-510.76	\$0.21	Gain (without resale arb)	31.01%
12:55:00	-414.78	\$0.17		
13:00:00	-534.44	\$0.22		
13:05:00	11014.25	\$4.59	30 min settlement price	\$1,385.96
13:10:00	-534.66	\$0.22	30 min earnings	\$3.46
13:15:00	-506.18	\$0.21	5 min earnings	\$5.71
13:20:00	-538.72	\$0.22	Gain (without resale arb)	39.36%
13:25:00	-550.36	\$0.23		
13:30:00	-568.6	\$0.24		
13:35:00	11039.02	\$4.60	30 min settlement price	\$1,381.80
13:40:00	-578.2	\$0.24	30 min earnings	\$3.45
13:45:00	-547.33	\$0.23	5 min earnings	\$5.74
13:50:00	-540.49	\$0.23	Gain (without resale arb)	39.87%
13:55:00	-540.59	\$0.23		
14:00:00	-541.63	\$0.23		
14:05:00	3521.55	\$1.47	30 min settlement price	\$1,117.50
14:10:00	615.38	\$0.26	30 min earnings	\$2.79
14:15:00	642.34	\$0.27	5 min earnings	\$2.79
14:20:00	644.71	\$0.27	Gain (without resale arb)	\$0.00
14:25:00	638.81	\$0.27		
14:30:00	642.21	\$0.27		

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Storage System: Reposit controlled 5kW LG Chem

Assumptions:

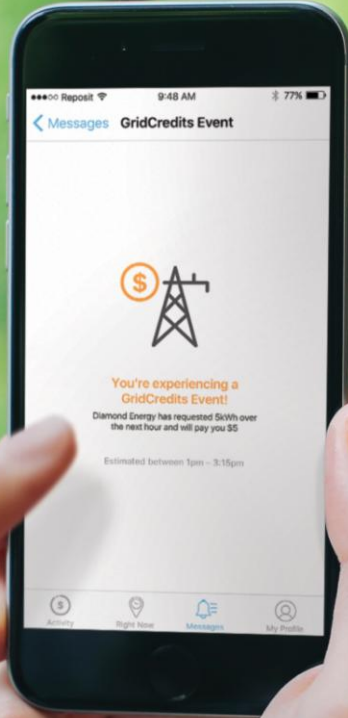
1. Perfect pre-dispatch prices
2. Battery capacity available
3. No value on negative price kWh resale
4. Pure price response (no trading tricks)

30 Minute Settlement Earnings: \$26.74

5 Minute Settlement Earnings: \$34.18

Increase in GridCredits: 21.79%

..... plus average resale (SA house load): 29.05%

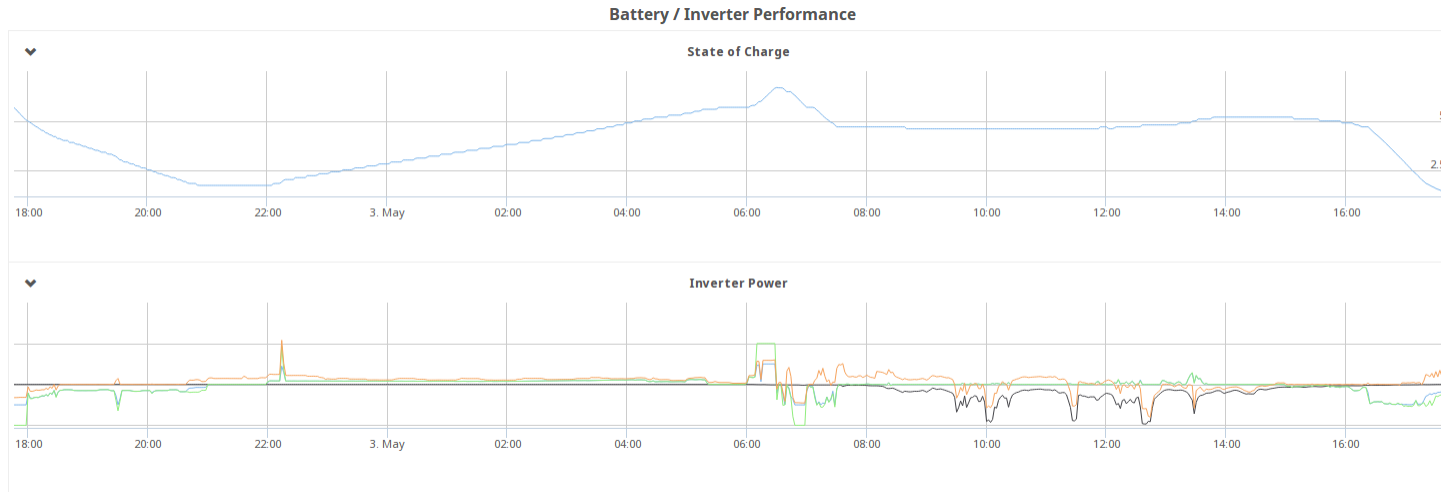


More GridCredits Mean More Storage in the NEM

1. Disproportionately positive relationship due to network effects (virality, value)
2. All GridCredits providing batteries contribute to balancing the market/system
3. Reposit technology explicitly supports the sale of financial instruments backed by battery capacity – right now
4. Financial instruments will be made available to slower generators. This provides more GridCredits to customers
5. See slide title.

Full Spot Export Operating In Market Right Now

- Full spot pass-through for all exports (solar and storage)
- Operating now for pre-registered Reposit/Powershop customers (NSW, VIC, QLD)
- Publicly available later this year
- 30 minute settlement is currently dulling control response and battery value





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