

GC/DC KPIs DASHBOARD



Reporting Period : Winter 2018

Capacity & Status

Active Capacity For Season

BM Units	Limit Level	Generation Capacity	Demand Capacity
<100MW	2MW	2087	2128
100 - 500 MW	2% of declared Value	169	179
>500 MW	10MW	59	18

Seasonal Status By BMU Type

BMU Type	Active	Dormant
Miscellaneous	11	2
Capacity	3	278
Embedded	108	30
Directly Connected	358	107
Supplier	1831	1493

Limit Type

Limits - Generation Capacity

Limit Type	2MW	10MW	2% Percent of Declared Values
Capacity	3	0	0
Miscellaneous	11	0	0
Embedded	98	0	11
Directly Connected	192	51	116
Supplier	1783	8	42

Limits Exceeding & Breaching

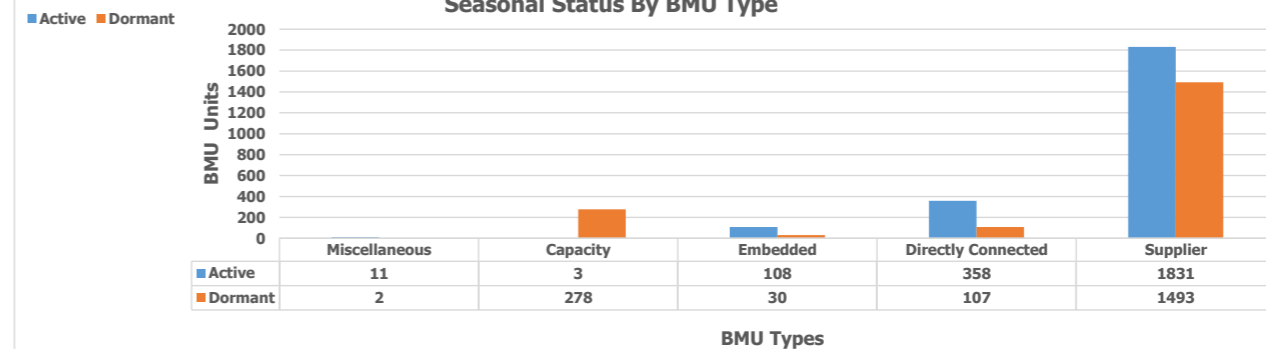
Exceeding / Breaching Summary

	Exceeding Limits	Breaching	% Breaching / Exceeding
Generation Capacity	4758	1017	21.37%
Demand Capacity	66315	12281	18.52%

Current Tolerance Limits

<100 MW	2MW
100 - 500 MW	2% of declared value
>500 MW	10MW

Seasonal Status By BMU Type

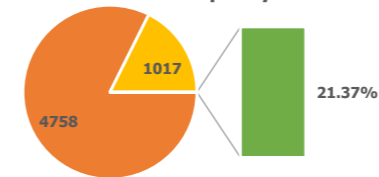


Limit Type

Limits - Demand Capacity

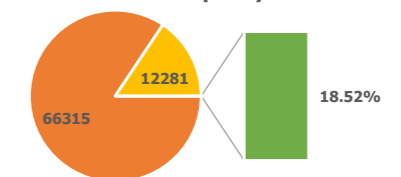
Limit Type	2MW	10MW	2% Percent of Declared Values
Capacity	3	0	0
Miscellaneous	11	0	0
Embedded	106	0	2
Directly Connected	341	0	17
Supplier	1667	18	160

Generation Capacity



Exceeding Limits Breaching % Breaching / Exceeding

Demand Capacity

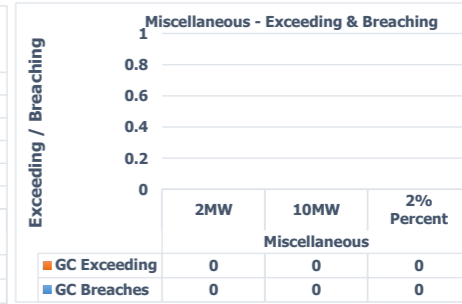
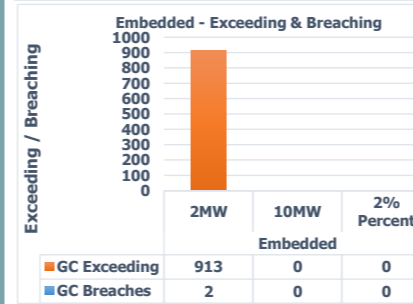
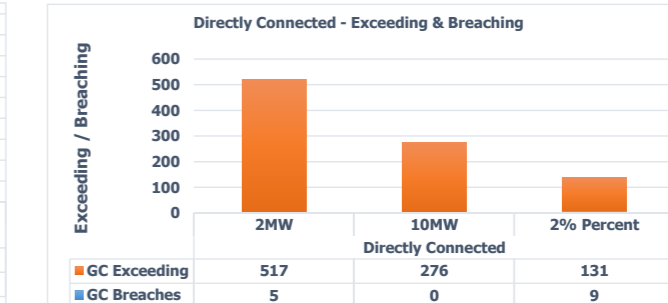
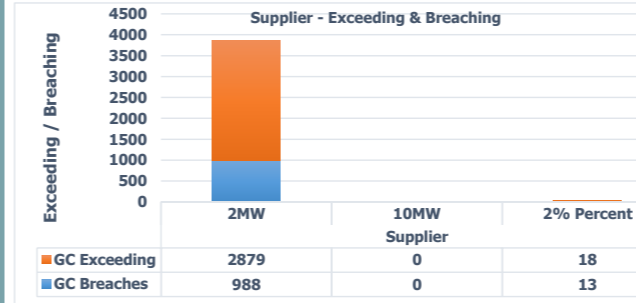


Exceeding Limits Breaching % Breaching / Exceeding

Limits Exceeding & Breaching By BMU Type

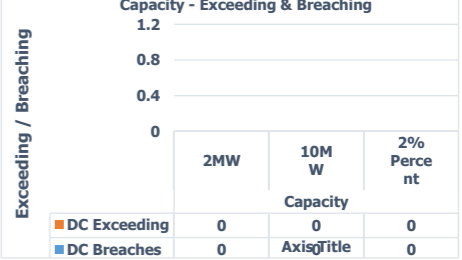
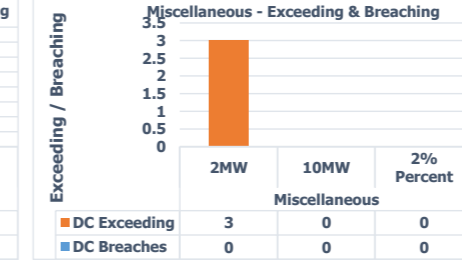
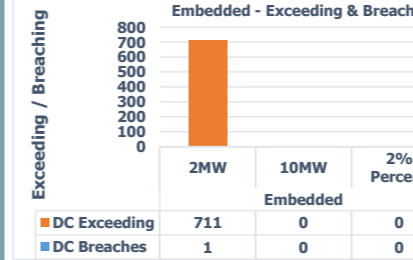
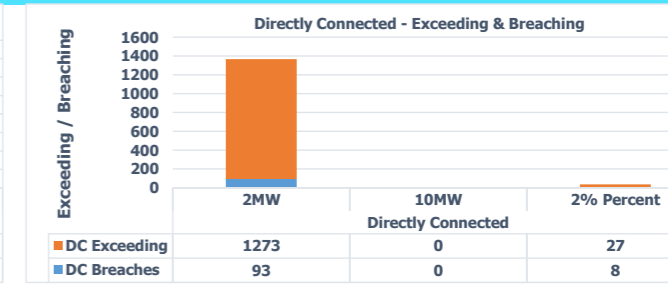
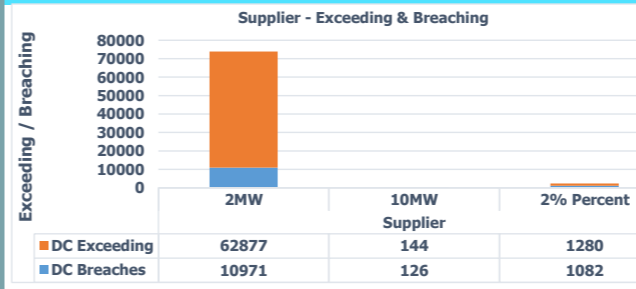
Generation Capacity - Exceeding & Breaching

BMU Type	Limit Type	GC Complaint	GC Exceeding	GC Breaches	Breaching / Exceeding Rate
Miscellaneous	2MW	968	0	0	0.00%
	10MW	0	0	0	0.00%
	2% Percent	0	0	0	0.00%
Capacity	2MW	256	24	0	0.00%
	10MW	0	0	0	0.00%
	2% Percent	0	0	0	0.00%
Embedded	2MW	7872	913	2	0.22%
	10MW	0	0	0	0.00%
	2% Percent	781	0	0	0.00%
Directly Connected	2MW	14797	517	5	0.97%
	10MW	3833	276	0	0.00%
	2% Percent	10002	131	9	6.87%
Supplier	2MW	155449	2879	988	34.32%
	10MW	720	0	0	0.00%
	2% Percent	3665	18	13	72.22%
Grand Total		198343	4758	1017	



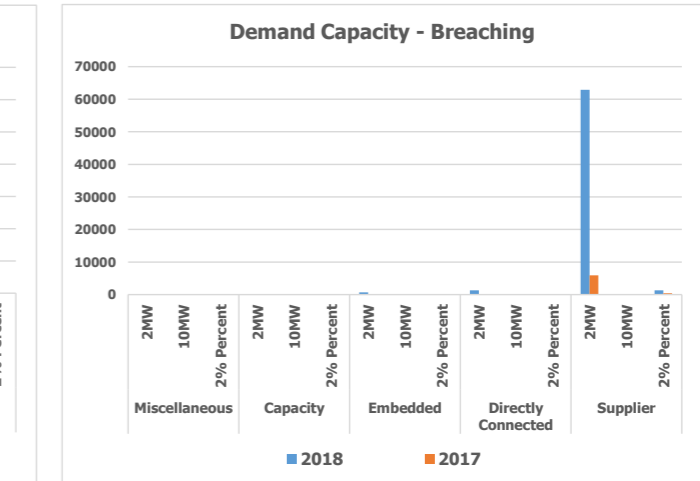
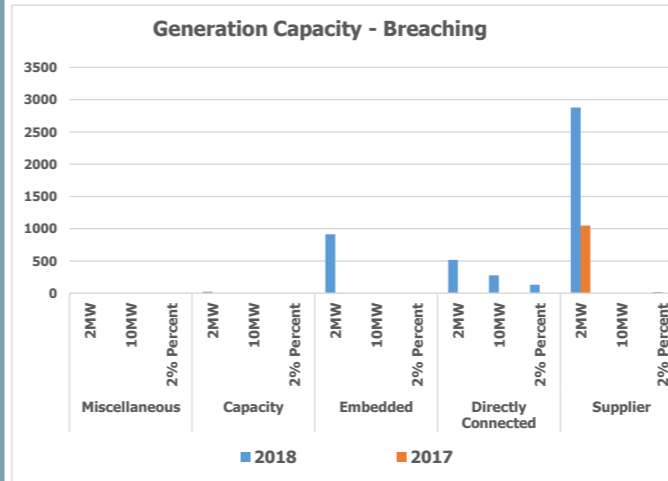
Demand Capacity - Exceeding & Breaching

BMU Type	Limit Type	DC Complaint	DC Exceeding	DC Breaches	Breaching / Exceeding Rate
Miscellaneous	2MW	968	3	0	0.00%
	10MW	0	0	0	0.00%
	2% Percent	0	0	0	0.00%
Capacity	2MW	256	0	0	0.00%
	10MW	0	0	0	0.00%
	2% Percent	0	0	0	0.00%
Embedded	2MW	8473	711	1	0.14%
	10MW	0	0	0	0.00%
	2% Percent	180	0	0	0.00%
Directly Connected	2MW	27112	1273	93	7.31%
	10MW	0	0	0	0.00%
	2% Percent	1520	27	8	29.63%
Supplier	2MW	144749	62877	10971	17.45%
	10MW	1369	144	126	87.50%
	2% Percent	13716	1280	1082	84.53%
Grand Total		198343	66315	12281	



2018 vs 2017 Breaching Comparison

BMU Type	Limit Type	Generation Capacity		Demand Capacity	
		2018	2017	2018	2017
Miscellaneous	2MW	0	0	3	0
	10MW	0	0	0	0
	2% Percent	0	0	0	0
Capacity	2MW	24	0	0	0
	10MW	0	0	0	0
	2% Percent	0	0	0	0
Embedded	2MW	913	7	711	0
	10MW	0	0	0	0
	2% Percent	0	0	0	0
Directly Connected	2MW	517	2	1273	21
	10MW	276	0	0	0
	2% Percent	131	0	27	0
Supplier	2MW	2879	1049	62877	5939
	10MW	0	0	144	29
	2% Percent	18	0	1280	440

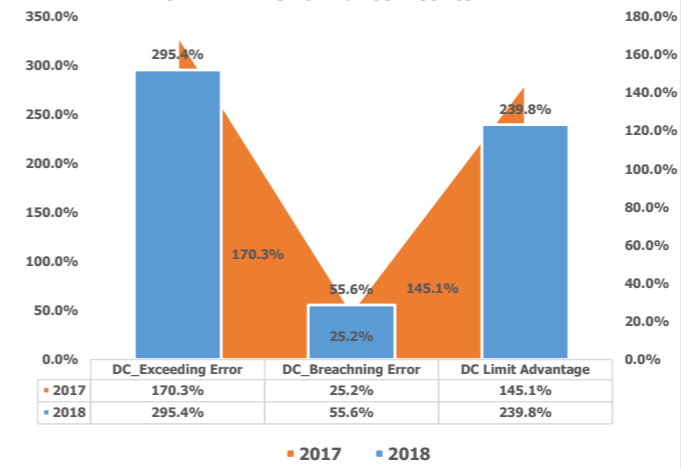


GCDC Performance Analysis : 2MW Limits

Mean Absolute Performance Error (MAPE)

		MAPE for 2MW	
		2018	2017
Demand Capacity	<i>DC_Exceeding Error</i>	295.4%	170.3%
	<i>DC_Breachning Error</i>	55.6%	25.2%
	<i>DC Limit Advantage</i>	239.8%	145.1%
Generation Capacity	<i>GC_Exceeding Error</i>	19.5%	48.6%
	<i>GC_Breachning Error</i>	10.7%	5.0%
	<i>GC Limit Advantage</i>	8.8%	43.6%

DC : 2MW Performance Metrics



GC : 2MW Performance Metrics

