

# GC/DC KPIs DASHBOARD



Reporting Period : Summer 2018

## Capacity & Status

### Active Capacity For Season

BM Units	Limit Level	Generation Capacity	Demand Capacity
<100MW	2MW	1979	2036
100 - 500 MW	2% of declared Value	168	167
>500 MW	10MW	58	4

## Seasonal Status By BMU Type

BMU Type	Active	Dormant
Miscellaneous	11	3
Capacity	3	97
Embedded	95	39
Directly Connected	343	186
Supplier	1750	1419

## Limit Type

### Limits - Generation Capacity

Limit Type	2MW	10MW	2% Percent of Declared Values
Capacity	3	0	0
Miscellaneous	11	0	0
Embedded	85	0	10
Directly Connected	182	50	112
Supplier	1698	8	46

## Limits Exceeding & Breaching

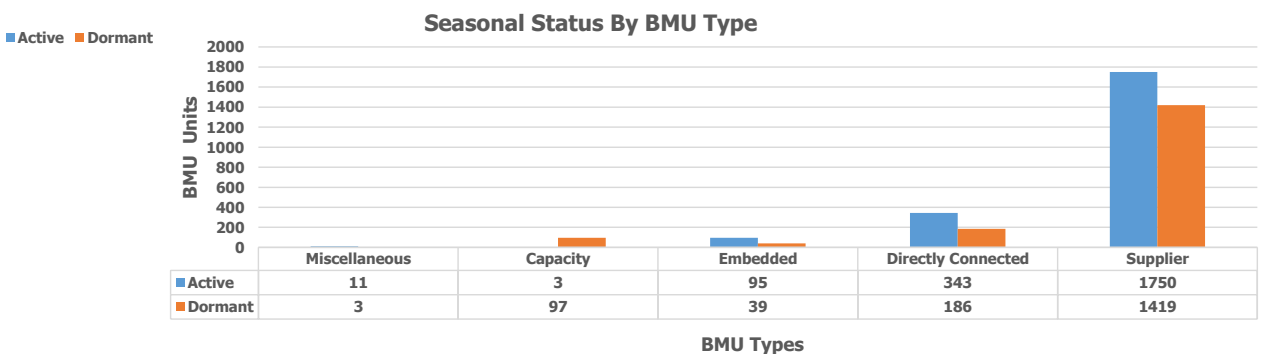
### Exceeding / Breaching Summary

	Exceeding Limits	Breaching	% Breaching / Exceeding
Generation Capacity	3339	704	21.08%
Demand Capacity	54528	3412	6.26%

## Limits Exceeding & Breaching By BMU Type

## Current Tolerance Limits

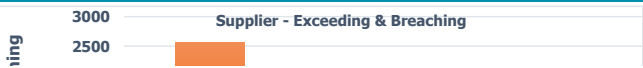
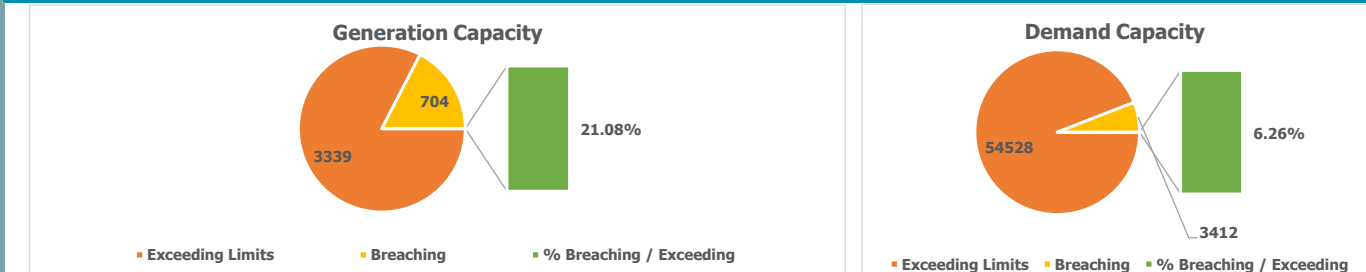
<100 MW	2MW
100 - 500 MW	2% of declared value
>500 MW	10MW



## Limit Type

### Limits - Demand Capacity

Limit Type	2MW	10MW	2% Percent of Declared Values
Capacity	3	0	0
Miscellaneous	11	0	0
Embedded	93	0	2
Directly Connected	326	0	18
Supplier	1603	4	147

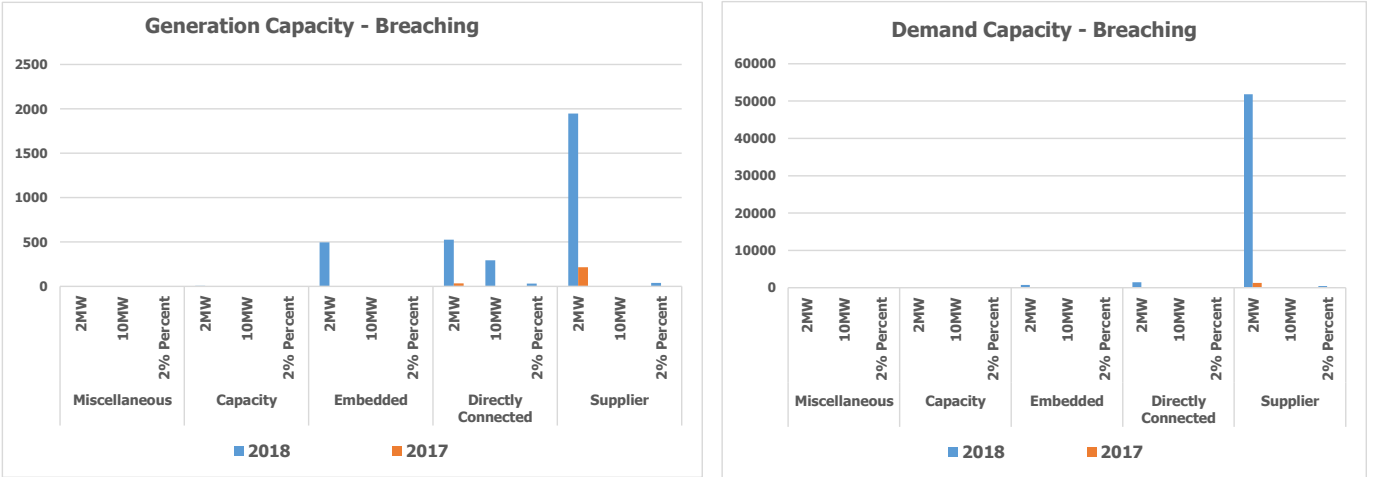
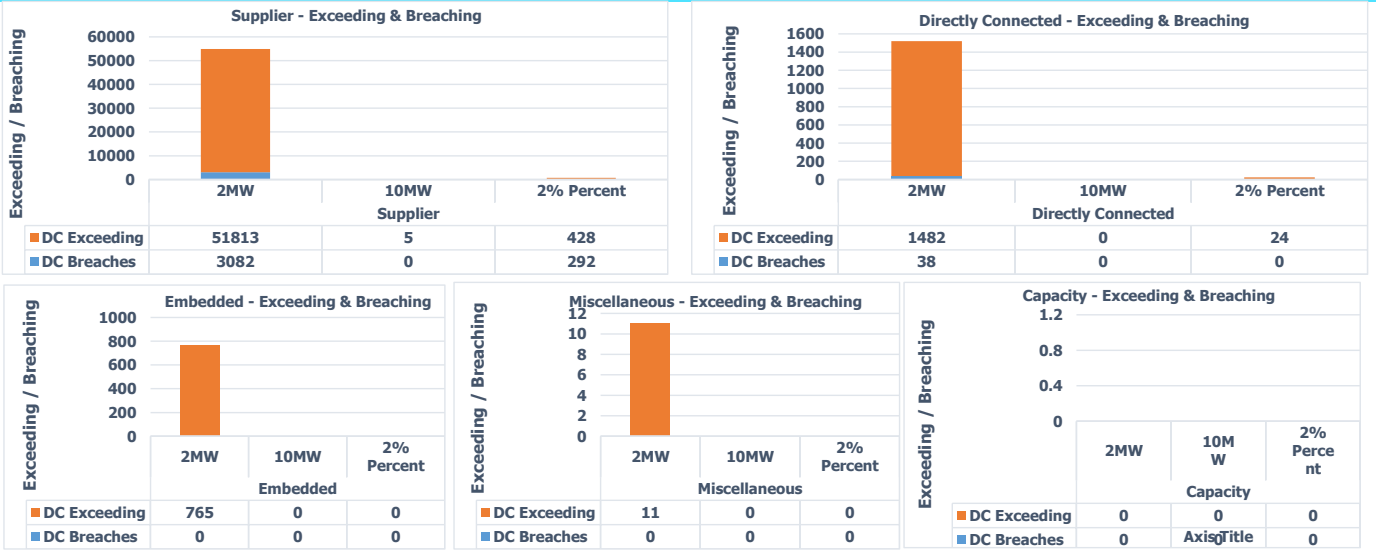
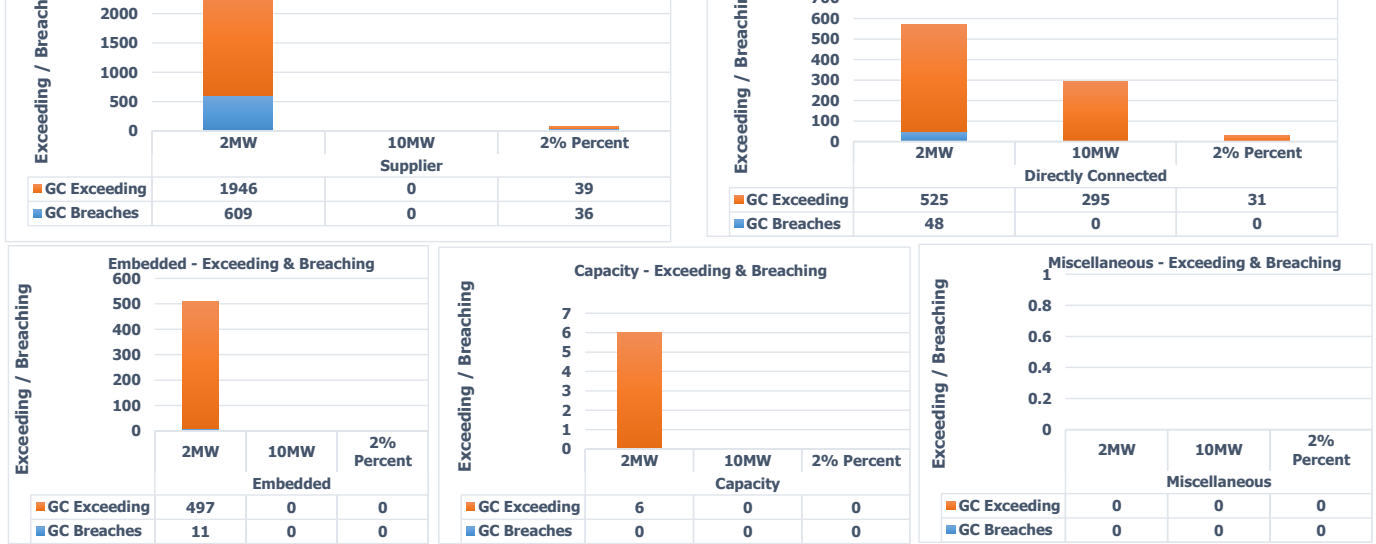


Generation Capacity - Exceeding & Breaching					
BMU Type	Limit Type	GC Complaint	GC Exceeding	GC Breaches	Breaching / Exceeding Rate
Miscellaneous	2MW	908	0	0	0.00%
	10MW	0	0	0	0.00%
	2% Percent	0	0	0	0.00%
Capacity	2MW	276	6	0	0.00%
	10MW	0	0	0	0.00%
	2% Percent	0	0	0	0.00%
Embedded	2MW	6997	497	11	2.21%
	10MW	0	0	0	0.00%
	2% Percent	679	0	0	0.00%
Directly Connected	2MW	14228	525	48	9.14%
	10MW	3409	295	0	0.00%
	2% Percent	8935	31	0	0.00%
Supplier	2MW	151533	1946	609	31.29%
	10MW	736	0	0	0.00%
	2% Percent	4118	39	36	92.31%
Grand Total		191819	3339	704	

Demand Capacity - Exceeding & Breaching					
BMU Type	Limit Type	DC Complaint	DC Exceeding	DC Breaches	Breaching / Exceeding Rate
Miscellaneous	2MW	908	11	0	0.00%
	10MW	0	0	0	0.00%
	2% Percent	0	0	0	0.00%
Capacity	2MW	276	0	0	0.00%
	10MW	0	0	0	0.00%
	2% Percent	0	0	0	0.00%
Embedded	2MW	7492	765	0	0.00%
	10MW	0	0	0	0.00%
	2% Percent	184	0	0	0.00%
Directly Connected	2MW	25086	1482	38	2.56%
	10MW	0	0	0	0.00%
	2% Percent	1486	24	0	0.00%
Supplier	2MW	142636	51813	3082	5.95%
	10MW	368	5	0	0.00%
	2% Percent	13383	428	292	68.22%
Grand Total		191819	54528	3412	

2018		vs	2017		Breaching Comparison	
			Generation Capacity		Demand Capacity	
BMU Type	Limit Type		2018	2017	2018	2017
Miscellaneous	2MW		0	0	11	0
	10MW		0	0	0	0
	2% Percent		0	0	0	0
Capacity	2MW		6	0	0	0
	10MW		0	0	0	0
	2% Percent		0	0	0	0
Embedded	2MW		497	2	765	5
	10MW		0	0	0	0
	2% Percent		0	0	0	0
Directly Connected	2MW		525	34	1482	13
	10MW		295	0	0	0
	2% Percent		31	0	24	0
Supplier	2MW		1946	215	51813	1291
	10MW		0	0	5	4
	2% Percent		39	0	428	113

GCDC Performance Analysis : 2MW Limits



Mean Absolute Performance Error (MAPE)			
		MAPE for 2MW	
		2018	2017
Demand Capacity	DC_Exceeding Error	181.3%	256.2%
	DC_Breachning Error	5.6%	4.4%
	DC Limit Advantage	175.7%	251.8%
Generation Capacity	GC_Exceeding Error	14.0%	129.7%
	GC_Breachning Error	5.0%	9.0%
	GC Limit Advantage	9.0%	120.7%

