System Status Outlook

Compiled by: System Operator

08 April 2024

Assumptions for Expected System Status

- The latest operational forecast as at 08 April 2024 is used.
- The Capacity Plan 04 April 2024 AFTER STERF is used, with an unplanned assumption of 14,000MW.
- In all the scenarios, the base case is shown, as well as a case with an additional 1500 MW risk, and also an additional 3000 MW risk.
- These views are purely meant to give an indication of the system sensitivities, and by no means replaces or represent a full optimisation process.

Daily System Status for April 2024 (Shortfall on Expected Demand including Operating Reserves)

System Status	Expected Shortfall on Demand and 2200 MW Reserves (Excl Gas)		
Date	Base Case	Base Case + 1500 MW Risk	Base Case + 3000 MW Risk
Mon 08/Apr/2024	1	2	3
Tue 09/Apr/2024		1	3
Wed 10/Apr/2024		1	2
Thu 11/Apr/2024		1	2
Fri 12/Apr/2024			2
Sat 13/Apr/2024			
Sun 14/Apr/2024			
Mon 15/Apr/2024			1
Tue 16/Apr/2024			1
Wed 17/Apr/2024			1
Thu 18/Apr/2024			1
Fri 19/Apr/2024			
Sat 20/Apr/2024			
Sun 21/Apr/2024			
Mon 22/Apr/2024			2
Tue 23/Apr/2024			2
Wed 24/Apr/2024			2
Thu 25/Apr/2024			2
Fri 26/Apr/2024			
Sat 27/Apr/2024			
Sun 28/Apr/2024			
Mon 29/Apr/2024			2
Tue 30/Apr/2024			1

Status	Shortfall
Green	0
Yellow	0-1000
Orange	1000-2000
Red	2000-3000
Purple	3000-4000
Brown	>4000

- Significant variations can occur due to changes in planned maintenance, unplanned outages and variations in the demand.
- The estimated gas generation is an energy calculation over all the hours of each day and is expressed in MWh.
- The load reduction is an approximation of the highest stage of reduction required for each day, indicated by the values.

Daily System Status for May 2024 (Shortfall on Expected Demand including Operating Reserves)

System Status	Expected Shortfall on Demand and 2200 MW Reserves (Excl Gas)		
Date	Base Case	Base Case + 1500 MW Risk	Base Case + 3000 MW Risk
Wed 01/May/2024			1
Thu 02/May/2024		1	2
Fri 03/May/2024			1
Sat 04/May/2024			
Sun 05/May/2024			
Mon 06/May/2024		1	2
Tue 07/May/2024		1	2
Wed 08/May/2024		1	2
Thu 09/May/2024		1	3
Fri 10/May/2024			2
Sat 11/May/2024			
Sun 12/May/2024			1
Mon 13/May/2024		1	3
Tue 14/May/2024		1	3
Wed 15/May/2024		2	3
Thu 16/May/2024		2	3
Fri 17/May/2024			2
Sat 18/May/2024			1
Sun 19/May/2024			1
Mon 20/May/2024		2	3
Tue 21/May/2024		2	3
Wed 22/May/2024		2	3
Thu 23/May/2024		2	3
Fri 24/May/2024			2
Sat 25/May/2024			1
Sun 26/May/2024			1
Mon 27/May/2024		1	3
Tue 28/May/2024		1	2
Wed 29/May/2024			1
Thu 30/May/2024		1	3
Fri 31/May/2024			2

Status	Shortfall
Green	0
Yellow	0-1000
Orange	1000-2000
Red	2000-3000
Purple	3000-4000
Brown	>4000

- Significant variations can occur due to changes in planned maintenance, unplanned outages and variations in the demand.
- The estimated gas generation is an energy calculation over all the hours of each day and is expressed in MWh.
- The load reduction is an approximation of the highest stage of reduction required for each day, indicated by the values.

Daily System Status for June 2024 (Shortfall on Expected Demand including Operating Reserves)

System Status	Expected Shortfall on Demand and 2200 MW Reserves (Excl Gas)		
Date	Base Case	Base Case + 1500 MW Risk	Base Case + 3000 MW Risk
Sat 01/Jun/2024			
Sun 02/Jun/2024			
Mon 03/Jun/2024		1	2
Tue 04/Jun/2024		1	2
Wed 05/Jun/2024		1	2
Thu 06/Jun/2024		1	2
Fri 07/Jun/2024			
Sat 08/Jun/2024			
Sun 09/Jun/2024			
Mon 10/Jun/2024			2
Tue 11/Jun/2024			1
Wed 12/Jun/2024			2
Thu 13/Jun/2024			2
Fri 14/Jun/2024			
Sat 15/Jun/2024			
Sun 16/Jun/2024			
Mon 17/Jun/2024			
Tue 18/Jun/2024			2
Wed 19/Jun/2024			2
Thu 20/Jun/2024		1	2
Fri 21/Jun/2024			1
Sat 22/Jun/2024			
Sun 23/Jun/2024			
Mon 24/Jun/2024		1	2
Tue 25/Jun/2024		1	2
Wed 26/Jun/2024		1	2
Thu 27/Jun/2024			2
Fri 28/Jun/2024			1
Sat 29/Jun/2024			
Sun 30/Jun/2024			

Status	Shortfall
Green	0
Yellow	0-1000
Orange	1000-2000
Red	2000-3000
Purple	3000-4000
Brown	>4000

- Significant variations can occur due to changes in planned maintenance, unplanned outages and variations in the demand.
- The estimated gas generation is an energy calculation over all the hours of each day and is expressed in MWh.
- The load reduction is an approximation of the highest stage of reduction required for each day, indicated by the values.

Explanation of risk associated with colors

Color	Shortfall excl. OCGT's	Implications for use of resources during the week
GREEN	Adequate capacity to meet demand and operating reserves	Normal generation required
YELLOW	Shortfall of up to 1000 MW.	Sufficient operating reserves Some OCGTs may be required but not extensively. Water utilization not an issue ILS only required to respond to low frequencies
ORANGE	Shortfall of 1000 – 2000 MW.	Operating reserves will be met with limited emergency resources Combination of water and OCGT's will be used to meet demand (neither used to full capacity on a given day). ILS only required to respond to low frequencies
RED	Shortfall of 2000 – 3000 MW (3 days)	Some operating reserves but not full 2000MW Combination of water and OCGT's will be used to meet demand. Low risk of reaching minimum gen hours at hydro stations ILS only required to respond to low frequencies
PURPLE	Shortfall of 3000 – 4000 MW (3 day3)	Very limited operating reserves. All OCGTs required most of the day throughout the week and will be utilized over the weekend to replenish dam levels Water utilized extensively during the day, risk that by Thursday or Friday minimum gen hours will be reached ILS will be required on Thursday to meet evening peak
BROWN	Shortfall of more than 4000 MW. (2 days	No operating reserves, short on demand All available resources required (incl OCGTs, GT's) required most of the day throughout the week and will be utilized over the weekend to replenish dam levels. Water used extensively and minimum gen hours will be reached before the end of the week. ILS will be required during peak periods, high risk that their contract time will be reached.

Thank You