

TC-99m Generator Update – 1 November 2018

It is a priority for our organisation to resume full local production of Tc-99m generators as soon as possible. We apologise for the extended delays.

Overall, local production over the last week at ANSTO and imported generators has gone according to plan.

Generator supply update:

Supply of generators will continue to be made up of a mix of local ANSTO generators and imports from LMI.

The total weekly availability of ANSTO manufactured generators is 73 units being produced locally. Over the next week the following Tc-99m generators are available for delivery to Australian Nuclear Medicine sites:

- 73 x ANSTO generators manufactured on Wednesday 7th, Thursday 25th and Sunday 11th November
- LMI generators arriving on 4th November (delivery to sites on 5th and 6th November) – 38 x 5 Ci, 11 x 7.5 Ci and 10 x 15 Ci

The scheduled November shutdown for OPAL began on Monday 29th October and will be completed on Thursday 8th November.

For this first week impacted by the shutdown (week of Sunday 4th November), we will be able to maintain 90% - 100% supply of generators through a combination of ANSTO and LMI generators as noted above.

For the week commencing Sunday November 11th we expect to have enough Mo-99 to supply between 60 and 70 local generators but will not have any imported LMI generators.

The option of supply of European generators was unfortunately not possible due to Mo-99 unavailability so the focus will remain on maximising the utilisation of available Australian product.

The Working Group has provided a prioritised plan for the distribution of generators in the week commencing Sunday November 11th 2018. The planned supply of generators for this week is being communicated to customers on Friday 2nd November.

For the week starting Sunday 18th November, based on expected yields from the Mo-99 batches on the 13th and the 15th November, we plan to export to LMI and boost the number of gens to approx. 120 out of 133 (approximately 90%).

In summary, the expectations for the three weeks impacted by the OPAL shutdown are below:

Week commencing Sunday 4 November	Current supply levels maintained for this period
Week commencing Sunday 11 November	50% confirmed with numbers to be finalised once full Mo-99 availability is confirmed next week.
Week commencing Sunday 18 November	90% supply expected for this week

A summary of total generators available is located here and is being updated weekly
<https://www.ansto.gov.au/tc-99m-supply-status>

Allocation of generators to hospitals and clinics:

ANSTO met with the Working Group yesterday and has shared information of our supply.

The available generators for the week commencing 4th November 2018 have been allocated and ANSTO will contact customers directly to confirm these arrangements.

We will also publish the full delivery schedule on our website once it is available for all to see.

Indirect customers of ANSTO who receive their generators through GMS will be notified, as expected, by GMS. ANSTO will work with GMS to ensure that there is free access to this information to assist with scheduling.

Please keep an eye on our website for the details. We will continue to publish these every Thursday or as soon as the distribution schedule is finalised each week.

Thank you again to the members of the Nuclear Medicine Working Group representing **RAINS, ANZSNM, AANMS, NSW Health** and **GMS**, who have worked tirelessly with ANSTO over the last few months to ensuring that the reduced supply of generators gets to those most in need.

We want to hear from you

Please see our ANSTO website and take the opportunity to share your feedback with us on this matter. We are interested in hearing from you and receiving constructive feedback on how we can better support you, our customers, during this difficult time.

If you have any questions, please contact ANSTO directly on 1800 251 572