



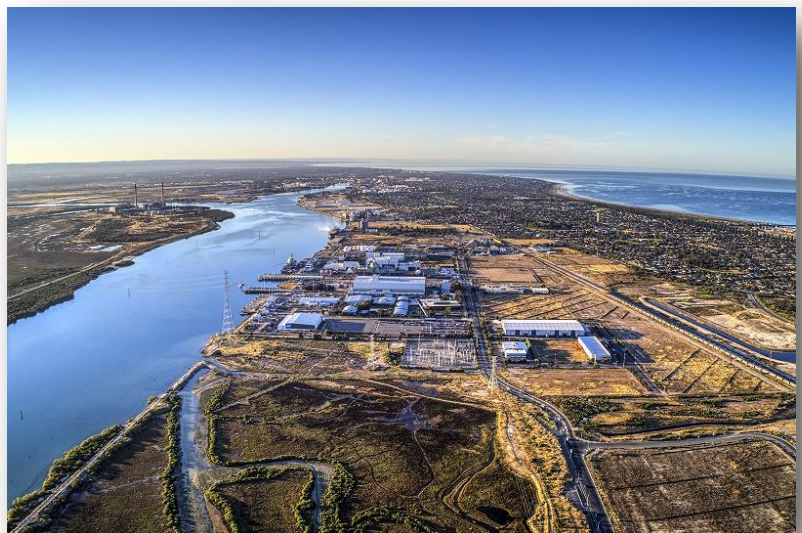
NOISE REGULATION ON LE FEVRE PENINSULA

Community update

Issued 25 August 2022

The South Australian Environment Protection Authority (EPA) regulates more than 80 sites that are undertaking activities of environmental significance on the Le Fevre Peninsula. Many of these industries have been in operation for a very long time, however more recently additional industries have commenced. This has added pressure on the environment and in particular increased the level of noise.

Power generation is an activity of environmental significance that requires an EPA authorisation. To gain authorisation, an activity must comply with the [Environment Protection \(Noise\) Policy 2007](#).



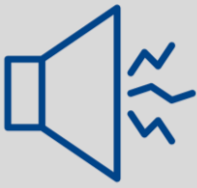
Snapper Point Power Station

The Snapper Point Power Station is licensed by the EPA ([Licence #51513](#)) and is operated by Port Adelaide Energy, trading as Nexif Energy. The plant is a new 'grid firming' power station located at Pelican Point Road, Outer Harbor. It exists to keep the electricity grid stable by supplementing wind and solar power.

Conditions of the EPA licence require Nexif Energy to engage an acoustic engineer to undertake noise measurements as soon as practicable after the commencement of commissioning. This is currently in progress and is expected to be completed by the end of year. Collected data is being analysed by the EPA and will help determine any necessary amendments to the current licence conditions. It will also help inform any noise mitigation measures that will be required of the licensee.

Please be reassured that the noise experienced by residents to date has been captured by the EPA using noise monitoring equipment.

Noise monitoring underway at St Kilda and Pelican Point



The EPA was provided with noise modelling data during the development application and planning stages. Actual noise measurements from operations were required for the EPA to determine the impact once the turbines had been commissioned. The EPA required measurements to be undertaken on multiple occasions to fully understand the link between weather condition variability and the level of noise being experienced. Conducting noise measurements ensures that this issue is regulated by the EPA using an evidence-based approach.

Noise transmission is heavily influenced by weather conditions and the distance between the noise source and receiver. These variables are particularly relevant to the noise that has been reported at St Kilda. Noise logging undertaken to date by the EPA has confirmed that noise emissions from Snapper Point Power Station exceeds the night-time noise levels set by the [Environment Protection \(Noise\) Policy 2007](#) under certain weather conditions and that action is required by Nexif Energy to reduce the noise impacts. This is being further investigated by Nexif Energy.

Night-time operations have ceased until it can be established that the Snapper Point Power Station can operate within the requirements of the *Environment Protection (Noise) Policy 2007*.

The EPA is undertaking ongoing noise measurements in areas surrounding the Snapper Point Power Station and continues to analyse the data collected. An update will be provided when the analyses are complete. The EPA analysis will inform further regulatory responses to this issue.

In addition to noise measurements, Nexif Energy is required to develop and implement a Noise Management Plan. This outlines noise management actions, noise measurement methodology and noise mitigation options that can be considered in order to ensure the licensee operates in compliance with the *Environment Protection (Noise) Policy 2007*.

It is the EPA's expectation that the Noise Management Plan will be updated once noise measurement data has been obtained and assessed. Nexif Energy is also undertaking noise measurements to inform what type of attenuation might be required for its turbines. A copy of the [Noise Management Plan](#) is available on the Nexif Energy website. Please contact us if you would like a copy posted to you.



Night-time noise not attributable to Snapper Point Power Station

Some residents at St Kilda, who have reported that night-time noise from the commissioning of Snapper Point Power Station has affected their sleep, have also noticed new night-time noises when Snapper Point and the other two power stations (at Osborne and Pelican Point) are not operating.

The EPA is examining noise monitoring data and cross-referencing it with recent operational data from the three power stations. Potential noise from other industries and activities detected in the ongoing monitoring will be objectively analysed. The noise will also be assessed by listening to available audio recordings. These will be compared to the indicative noise levels as required under the *Environment Protection (Noise) Policy 2007*, with a particular focus on nights that have been reported or recorded as being out of the ordinary.

The EPA will also continue further investigations into any other significant noise sources identified during this monitoring period.





Community engagement

The EPA would like to thank residents who have been working to help us understand the noise impact on their homes. Nexif Energy has established a dedicated Community Engagement team for the Snapper Point Power Station. Staff are available to listen to your concerns, provide advice and record your information so that it can be used by its noise scientists and shared with the EPA on a weekly basis.

You can also view the [Community Engagement Plan](#) on the Nexif Energy website or request a copy to be posted to you. Please contact the dedicated community engagement team:

e: snapperpoint@wsp.com
m: 0473 162 838 during business hours
w: www.nexifenergy.com/project/snapper-point



Community info session

The EPA is hosting a community information session for residents to talk with staff from the EPA, the Department for Energy and Mining, and Nexif Energy.

Date: Thursday 8 September
Time: 12–6 pm please 'drop in' anytime
Venue: St Kilda Community Hall
Beach Rd, St Kilda
RSVP: (08) 8124 4216 or
engage.epa@sa.gov.au with the approximate time you will attend

This event is wheelchair and child friendly.

Noise diaries

The EPA has received valuable community information that has enabled us to take action and deploy noise monitoring equipment at strategic locations. As an evidence-based regulator, obtaining data is critical to being able to manage noise complaints.

To make an effective report to the EPA, please record everything that you can remember about the event. This includes: the date and time, your exact location, noise strength and character, duration, and other observations such as weather conditions.

The EPA has created a [noise diary](#) for residents to access. It includes prompts to add information that is useful for our scientists. Please contact us at engage.epa@sa.gov.au to request a copy posted to you.

FURTHER INFO

For further EPA information please contact:

GPO Box 2607, Adelaide SA 5001

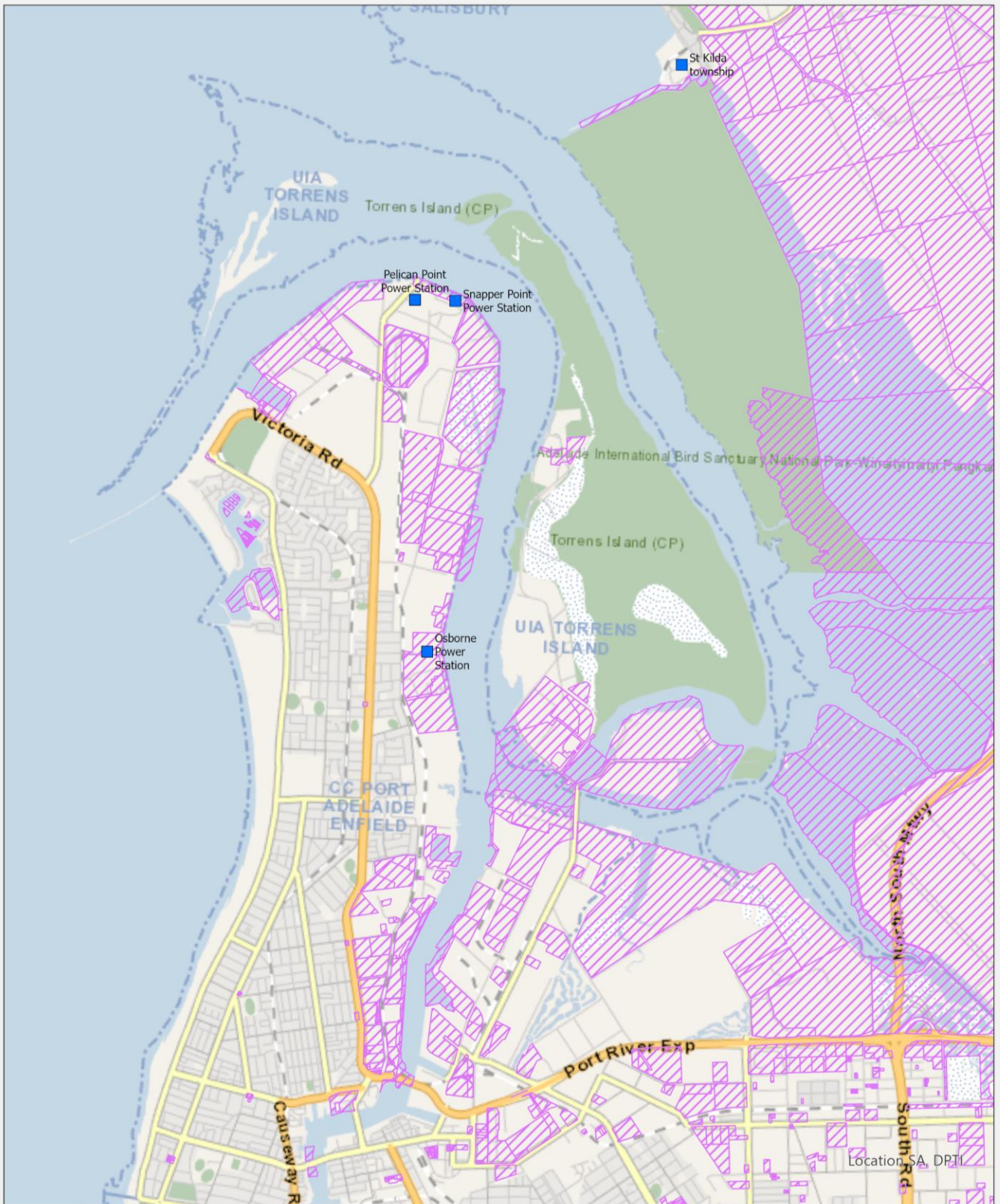
Telephone: (08) 8204 2004 - if calling after hours please leave details and your call will be returned as soon as possible during business hours.

Email: engage.epa@sa.gov.au

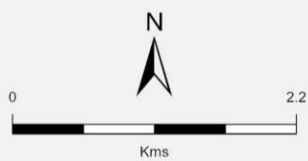
Website: www.epa.sa.gov.au and follow the links to 'community', then 'stay informed'



Le Fevre Peninsula - EPA licensed sites



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