

MEETING MINUTES

Narrabri Gas Project (NGP)

Greenhouse Gas Emissions Advisory Group (GHGEAG)

Meeting # 5

DATE / TIME

15th February
2023
3:30pm

LOCATION

Santos Shop Front Conference Room
Narrabri

FACILITATOR

Garry West

MINUTE TAKER

Lyn Firth

ATTENDEES

- ◆ Garry West (Independent Chair)
- ◆ Todd Dunn (Santos)
- ◆ Paul Wybrew (Santos)
- ◆ Kaydy Pinetown (EES)
- ◆ Prof. Andrew Garrett (Independent Expert)

Apologies

- ◆ Anshul Jain (Santos)

NO.	DISCUSSIONS
1. Welcome	<p>Chair thanked everyone for their attendance at the meeting and acknowledged Gomeroi country on which the meeting was held as well as Elders past, present and future and all Aboriginal persons present.</p>
Declaration of Interest	<p>Chair advised Stuart Day had resigned for personal reasons. There was discussion as to the qualifications of his replacement and what is involved in the role. Existing members were asked if they knew of any suitable potential members to advise the chairman.</p> <p>Yvonne Scorgie (EES) has resigned and Kaydy Pinetown has replaced her.</p>
Recording of minutes	<p>The Chair asked if there were any new declarations of interest. Nil.</p>
Minutes	<p>The Chair asked members if there was any objection to the recording of the minutes for secretariat purposes with the minute's audio being deleted once the minutes were final and approved. There was no objection.</p> <p>Minutes from the previous meeting (November 2022) were accepted with no changes.</p>

<p>Actions outstanding</p> <p>Correspondence</p>	<p>All matters outstanding have been attended to.</p> <p>Nil</p>
<p>2. Presentations Todd Dunn</p>	<p>Presentation 1: Santos delivered a presentation.</p> <p>Agenda items included:</p> <p>Santos Corporate Update</p> <ul style="list-style-type: none"> • Todd Dunn provided an updated about Santos' financial results and business priorities. • Santos is focusing on decarbonising through a range of initiatives including a Carbon Capture Scheme (CCS) project a Moomba – and investigations of other technology which is evolving rapidly. Fact sheets will be added to the Santos website as they become available and circulated to members. • Santos is targeting net zero by 2040 and trying to support their customers in their quest for reducing their carbon footprint. <p>General discussion followed about Australian and US government actions in the CCS space and the implications for Santos going forward.</p> <p>NGP update</p> <ul style="list-style-type: none"> • All the Phase 1 secondary approvals including management plans are approved and available on the Narrabri Gas Project website. • Activity has commenced and the project is operating under SSD 6456 consent. This triggers a number of requirements and reporting obligations. • The drilling for the “shallow” monitoring bores has commenced. This will support future updates of the water management plans. • The “deep” work is being scheduled – part of the issue is rig availability. • Final investment decision will be subject to pipeline approvals and petroleum production licenses being granted. • Phase 1 did not really require too much in the greenhouse gas sphere, and involvement for this group but Phase 2 will. There is quite a lot of regulation involved in the agreement with regards to the reporting cycle, leak detection. emissions forecasting and how this is measured. <p>NGP indicative timeline and scope</p> <ul style="list-style-type: none"> • It is expected that it will be 2024 that Santos will be in a position to make an investment decision. <p>Hunter Gas Pipeline Update</p> <ul style="list-style-type: none"> • Santos has been very busy making the project “transparent”- getting the information out to the public and trying to address the misinformation. • The Authority to Survey for the project has been approved by the NSW government, but this will only be instigated as a last resort. • Finalising the alignment and engineering design is in progress. <p>Narrabri Lateral Pipeline Update</p> <ul style="list-style-type: none"> • This is a new project – linking the Narrabri gas fields to the Hunter Gas Pipeline. <p>Discussions followed concerning the relationship and proximity to Whitehaven Coal.</p> <p>Andrew spoke about the “fingerprinting” of methane.</p> <p>The importance of obtaining baseline data for greenhouse gases was discussed.</p>

	<ul style="list-style-type: none"> Santos is wanting to future proof the pipeline and allow methane, and the potential for hydrogen to be incorporated into that approval. Discussions are being held with NSW government on this matter. <p>There was discussion about the difficulties of working with hydrogen.</p> <ul style="list-style-type: none"> The key action occurring now is engaging with landowners. Cultural and ecological surveys are taking place. This will inform the final alignment. The EIS is being put together with the intent of being submitted late in 2023.
<p>Questions raised</p>	<p>Q. - Kaydy - What is the planned electricity supply for the Narrabri Gas Project? A. – Todd - We had two options built into the EIS but the consent did not approve the self-generation so the electricity will come from the existing grid. Santos has been working with Transgrid and Essential Energy in relation to required network upgrades to support the project. Santos is also looking at Solar and also incorporating batteries to be included in the mix.</p> <p>Discussion followed about future electricity usage and estimates.</p> <p>Q. - Kaydy - Is the gas still meant only for the domestic market? A. – Todd - In terms of the consent, there is a specific reference to domestic gas. Condition A9 (a) and (b) specifically state that 100 percent of Narrabri gas will be for the domestic network. There has been no change to that requirement and commitment. Discussion followed about the public misconceptions in this space.</p> <p>Q. - Kaydy - Is there fracking on the NGP? This issue was raised in an article written by Michael West about fracking the Liverpool Plains. A. – Todd - No there is no fracking in the NGP. The EIS clearly states that there is no fracking for the Narrabri Gas Project.</p> <p>Within PEL 1 and 12, there has been some seismic work done recently and we have submitted a REF for the Kalua reactivation only. Santos is delivering on the commitments outlined in those tenure renewals.</p> <p>Q. - Kaydy - Has there been a decision around the use of electrical compression for Phases 2 & 3? A. – Todd - Due to the decision regarding electricity supply, we are obliged to use the electric driven compressors.</p> <p>Q – Paul – Does this group interact with NSW Health? A – Todd - To date, Santos has engaged with them outside the advisory group.</p>
<p>1. General Business</p>	<p>Next meeting to be advised. This committee is only required to meet twice a year so it will depend on future activities as to when this group will next meet.</p> <p>There is a dinner at the RSL tonight at 6:00pm There is a field tour tomorrow – meeting at the town office at 7:40am.</p> <p>Meeting closed at 4:38pm.</p>

Actions

NO.	ACTIONS	ACTION BY	DUE DATE
1	Santos management plans and factsheets relating to future projects to be circulated through the chair – to be provided by Todd	Garry West	ASAP

Next Meeting (TBC)