

MEETING MINUTES

Narrabri Gas Project (NGP)

Greenhouse Gas Emissions Advisory Group (GHGEAG)

Meeting # 1

DATE / TIME
13 August 2021
9am – 10am

LOCATION
Teams Meeting

FACILITATOR
Garry West

MINUTE TAKER
Trish Dandridge

ATTENDEES

- ◆ Garry West (Independent Chair)
- ◆ Prof. Andrew Garrett (Independent Expert)
- ◆ Paul Wybrew (Santos)
- ◆ Stuart Day (Independent Expert)
- ◆ Dr Yvonne Scorgie (DPIE)

Guest

- ◆ Todd Dunn (Santos)
- ◆ Anshul Jain (Santos)

Apologies - Nil

Discussions

NO.	DISCUSSIONS
<p>1. Welcome</p> <p>GHGEAG advisory group approval</p> <p>Recording of minutes</p> <p>Declaration of Interest</p>	<p>Chair thanked everyone for their attendance and stated he had been appointed as Chair for the NGP Community Consultative Committee (CCC) and for the four Advisory Groups.</p> <p>The Chair stated there was a letter of approval from the NSW Government Planning, Industry and Environment approving the Greenhouse Gas Emissions Advisory Group (GHGEAG) and that member names would be publicly listed on the Santos website.</p> <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>The Chairperson acknowledged he had received Declarations of Interests from members of the Advisory Group. The documents are not for public release and remain confidential to the Chairperson to assist him if potential conflicts arise.</p> <p>The Chairperson indicated that Advisory Groups, like Community Consultation Committees are not decision making or regulatory bodies, therefore they have no compliance or enforcement functions.</p>

<p>2. Presentations</p>	<p>Presentation 1: Santos delivered a presentation. Agenda items included:</p> <ul style="list-style-type: none"> • Introduction to Santos, CSG and Narrabri Gas Project (NGP) • NGP update • Scope and objectives of the GHGEAG <ul style="list-style-type: none"> ○ Condition B19 requirements ○ Membership ○ National Greenhouse and Energy Reporting Scheme (NGERS) framework (NGERS and Santos Reporting) ○ Consent Conditions <ul style="list-style-type: none"> ▪ Greenhouse Gas Emissions ▪ Air Quality and Greenhouse Gas Management Plan (prior to phase 2)
<p>3. Key topics discussed and questions raised</p>	<p>Site Tour</p> <ul style="list-style-type: none"> • Due to Covid-19 restrictions, the site tour for the GHGEAG will most likely be held in 2022. <p>Conditions of Consent: Approximately 25 Management Plans need to be approved by the Planning Secretary prior to the commencement of the Appraisal Program or Phase 1. The 12 to 18 month Appraisal Program will be completed before a final investment decision is made on the project.</p> <p>Flaring of Gas Gas from the appraisal wells is transported 32km via the Glass Reinforced Epoxy (GRE) line to Wilga Park Power Station (WPPS). Current WPPS capacity is 22 MW and Santos have approval to expand the facility up to 40 MW. Rather than flaring gas Santos will beneficially use the appraisal gas by utilising it through the power station. Through the approval process, Santos are not allowed to flare the gas at the well site, and will maximise the gas must be used through the power station.</p> <p>Q. Does this include flaring for safety override reasons?</p> <p>A. Santos are not allowed to flare at the pilot well site. There is a requirement to have a safety flare when you have compression and that will be located at the Bibblewindi facility under existing approvals.</p> <p>Action: Santos to send Condition on flaring to the group for clarity.</p> <p>NGERS and Santos reporting National Greenhouse and Energy reporting scheme requirements.</p> <p>Q. Within the requirements of this Advisory Group, is the power plant within the project scope boundaries?</p> <p>A. WPPS is under a separate approval. Santos is happy to have the discussion as this is already captured in the annual emissions report. Once we get to Phase 2, Santos will look at powering the project from the grid and will be looking to phase out the WPPS operation, ensuring they are maximising gas content to the domestic market.</p> <p>Q. In relation to assessment of fugitive emissions, is there expectation under the conditions that there will be measurements beyond what is required in NGERS?</p> <p>A. Santos will comply with current emissions reporting guidelines and do not believe that the intent is to go beyond this. We do conduct other reviews on fugitives such as the leak detection and repair program which if appropriate could be discussed with the GHGEAG.</p> <p>Comments: One of the roles of this group was the means to quantify fugitive emissions as the plan is developed. CSIRO is looking at measurements and methodologies for measuring fugitives and it is a big ask for the project to implement those measures when they haven't been propagated in the determination of NGERS. It is assumed, most of the measures are estimated through NGERS with the view of keeping an eye on new methodologies.</p>

	<p>Power Grid discussions</p> <p>Q. Has the development option of relying on grid electricity been decided? Is that the preferred option or is that decision still to be taken?</p> <p>A. The final decision won't be signed off until Santos take a final investment decision but, currently, Santos' preferred option is grid power.</p> <p>Referring back to the approval conditions, Santos has not received approval for large scale power generation on site to power the project. In the IPC assessment, they stated they are not against Santos generating their own power but they require further information to allow further assessment. This means the approval as it currently stands, does not allow for power generation to scale on site.</p> <p>Comment: It is presumed that if Santos went down the self generation path it would require a modification.</p> <p>Management Plans</p> <p>Q. The management plans we are going to be involved with, are they going to be restricted to the exploration phase?</p> <p>A. The Management Plans to be reviewed by this group are included in the slide pack. The plans currently under development reflect the current phase of the project or Phase 1. The management plans required to be reviewed by the GHGEAG are required prior to commencement of construction or Phase 2.</p> <p>Comments: In the near term there is not a lot of management plans for this group to review until we get closer to Phase 2. For future meetings, if there are specific items the Advisory Group would like to get more information on, it is suggested this group send recommended discussion points or questions through the Chair and Santos can specifically style a meeting to address any questions or concerns. To keep the group updated, Santos will send out plans when they are approved by the Planning Secretary with a link to where they are on the webpage.</p> <p>No general business raised.</p>
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Actions

NO.	ACTIONS	ACTION BY	DUE DATE
1	Santos to send Condition on flaring to the advisory group	Santos	

Next Meeting (TBC)