



Meeting **CLG meeting no 2**

Ref No. 11/2447

Project Marulan Project

Date 8 December 2011

Venue Meridian Cafe, 85 George St, Marulan

Time 4:30pm-6:30pm

Purpose To provide an update on the Marulan TRUenergy project

| Time | Item No. | | Presenter |
|--------|----------|--|------------------------------------|
| 4:30pm | 1 | Welcome to all members | Brendan Blakeley, Elton Consulting |
| | 2 | Marulan Project Update and discussion | Marcello Diamante, TRUenergy |
| | 3 | Update on issues from the last meeting | Marcello Diamante, TRUenergy |
| 6.30pm | 4 | Thank you and close | Brendan Blakeley, Elton Consulting |

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| Project | Marulan Project | Date | 8 December 2011 |
| Venue | Meridian Cafe, 85 George St, Marulan | Time | 4:30pm -6:30pm |
| Chaired by | Brendan Blakeley, Elton Consulting | Recorded by | Georgie Wheadon, Elton Consulting |
| Purpose | To provide an update on the Marulan TRUenergy project | | |

Participants

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| Antonia Stephenson | Dairy Road resident and Dairy Road Community Alliance |
| Ken McNally | Dairy Road resident and Dairy Road Community Alliance |
| Marvin Stone | Dairy Road Community Alliance |
| John McKindley | Canyonleigh Community Association |
| Elizabeth Ellis | Southern Villages Group Co-ordinator |
| Guy Fletcher | Billyrambija Landcare Group and local landowner |
| John Nicastri | Marulan Progress Association |
| Marcello Diamante | TRUenergy |
| Graham Dowers | TRUenergy |
| Brendan Blakeley | Elton Consulting |
| Georgie Wheadon | Elton Consulting |

Apologies

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| Wayne Curle | Big Hill Rural Fire Brigade |
| John Reynolds | Landcare Goulburn Office/Catchment Management Authority |
| Wayne Hillier | Local resident, Big Hill and member of the Big Hill Fire Brigade |
| Geoff Kettle | Mayor, Goulburn-Mulwarree Council |
| Catherine Fletcher | Billyrambija Landcare Group and local landowner |
| Steven Burgun | Sydney University Landcare Society |
| George Barnett | Canyonleigh Community Association |
| Bernie Budgen, Lauren Wilson | Landcare Goulburn Office/Catchment Management Authority (represented by John Reynolds) |
| Maree Abood | Office of the Hawkesbury Nepean |
| Rosemary Turner | Marulan and District Historical Society |
| Maureen Eddy | Marulan Progress Association |
| Simon Gilmore, Phil Venton | Penrose Community Association (represented by Elizabeth Ellis) |
| Jason Gordon | Wingecarribee Shire Council |
| Rodney Falconer | Goulburn Field Naturalists Society |

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| Chris Stewart and Chris Berry | Goulburn-Mulwaree Council (represented by Geoff Kettle, Mayor) |
| David Humphries and Ken Wray | Marulan and Region Chamber of Commerce |
| Warren Dennis, Fai Moloney and Mal Moloney | Marulan Rural Fire Service |
| Delise Freeman | Pejar Local Aboriginal Land Council |
| John Bell (General Manager) and John Shaw (Mayor) | Upper Lachlan Council |

Discussion points

1 Welcome to all members

Brendan Blakeley from Elton Consulting welcomed all group members to the second meeting of the TRUenergy Marulan Community Liaison Group at approximately 4:35pm. Georgie Wheadon from Elton Consulting read the apologies.

Questions and comments were sought about the minutes from the last meeting. No questions or comments were offered from CLG members. It was noted that questions resulting from the last meeting were, where possible, addressed in the minutes.

2 Marulan Project Update and discussion

Marcello Diamante gave an overview of the TRUenergy Marulan project for the benefit of new members by revisiting the presentation shown in the first CLG meeting (see attached PowerPoint presentation). This presentation included an overview of the company's electricity, retail and gas asset portfolio, before a detailed discussion of elements of the project including use of the Pipeline, the upgrade of Canyonleigh Road, the project website and next steps in the project.

- **Project overview**

- A brief history of the Marulan project was given. Key points of discussion and comments included:
 - TRUenergy acquired the Marulan site from Delta Energy and Energy Australia in late 2010, with settlement and the formal transfer occurring on 1 March 2011.
 - Since March, TRUenergy have undertaken a review of the Marulan site with the view of improving and consolidating the site from two separate pads to one pad. Benefits of consolidation include reduced vegetation clearance, lower visual impact, reduced transportation impacts and improved operability. A key difference from the past is the proposal to take water for the site from the Highland Source Water Pipeline.

Questions and comments from CLG members to TRUenergy

- Q: What's TRUenergy's involvement in Eastern Star Gas?
 - The recent Eastern Star Gas asset transaction has resulted in TRUenergy owning a minority share (20%) in some Coal Seam Gas permits which are located in the Gunnedah Basin in the areas surrounding Narrabri. A Joint Venture has been established between majority shareholder Santos (80%) and TRUenergy to operate and develop the assets with Santos as the operator. It is our understanding that the proposed development does not use the contentious fracking techniques to extract gas which has been used in other projects elsewhere in the country. A CLG member noted that the moratorium on fracking in NSW was extended to February this year. This comment prompted a short discussion about fracking especially in the Hunter Valley region.
 - Action: TRUenergy to provide presentation on the Eastern Star Gas asset at the next CLG meeting

- Q: How big is the Marulan site?
- A: The whole site is approximately 120 hectares. The consolidated pads sit within this site on a 10-12 hectare footprint.

- Q: Your minutes say you are not drawing water from the river. Is this correct?
- A: Yes this is correct. The site is set back 150 metres from the river to minimise impact on the river and surrounds. All storm water (i.e. excluding that used in oily areas which will be captured and treated separately) will be directed into a sedimentation pond for cleaning before being released into the Wollondilly River. It is our intention to use the existing gas pipeline corridor to construct a water pipeline and source our water from the existing Highland Source Water Pipeline (HSWP).

- Q: Who owns the Highland Source Water Pipeline?
- A: It is our understanding that the Goulburn Mulwaree Council (GMC) owns and operates the HSWP however grants funding was received from both the State and Federal governments to support the Project. The State and Federal Governments each contributed \$20m totalling \$40m; with the GMC funding the remaining \$10m structured around a residential and commercial levy. More information on the HSWP can be found on the GMC website www.goulburn.nsw.gov.au

- Q: There has been recent press from Pru Goward saying the Highland Source Water Pipeline should only be used for Goulburn's emergency water line. What are your comments on this? You have previously indicated you have discussed the use of the pipeline with Council.
- A: At the time of the first CLG meeting TRUenergy had informal talks with the Council about connecting into the HSWP at a management level. We believe there are environmental, community and social benefits in sourcing water from the pipeline over the life of the Project rather than transporting water to the Site via trucks which the current project approvals allows for. Recently, we have formally approached the Mayor and senior management about access to the HSWP, however the GMC will need to develop a framework and guiding commercial principles in relation to the commercial use of the HSWP before any arrangement can be worked out and formally agreed. We note that we had advertised use of the pipeline as part of the statutory requirements for obtaining a pipeline licence, not to indicate an agreed arrangement.

- Q: Has there been discussion about working collaboratively with Origin and Snowy Hydro in using the same gas pipelines for the different projects?
- A: As raised in the previous CLG meeting TRUenergy has had a discussion with Origin about our two pipelines including similarity/dissimilarity of routes. The conclusion is that the two projects are technically different and on different timelines. TRUenergy's project is more advanced in that the development is in the final commercial stages before commitment to build is announced whilst Origin is working through their application process. Furthermore, TRUenergy's project will have a relatively short gas pipeline flowing fuel to the Power Station. Origin has advised that it is developing a long distanced large diameter pipe that will likely be compressed to provide storage of natural gas on the lateral. It is these main reasons that make sharing a pipe not feasible between the two parties.

Snowy Hydro has recently announced their intention to develop a Power Station nearby to the new Bannaby transmission switchyard which will likely require a long run of pipeline to reach the Moomba-Sydney gas pipeline. Since Snowy are yet to formalise a pipeline route combined with the advanced stage of our Project it is difficult to see any value in TRUenergy discussing with Snowy about our gas pipeline route.

- Q: Can you say what quantity of water is required for your design?
- A: The quantity of water required depends on the function of the power station. The Marulan Power Station will be developed as a peaking plant which will have fast start capability and generally operate for short periods of time to meet high demand events that generally occur during hot weather in summer or cold weather during winter. We expect annual water usage to average approximately 10ML/annum predominately in the summer months when peak generation will most likely be required. During annual periods where events such as above average hot weather, extremely cold winter weather or times of high maintenance of base load generation occurs the water demand maybe of the order of 50ML/annum. Actual water usage is still being refined.

- **The Pipeline**

- The proposed route of the pipeline is shown on slide 7 (see the attached PowerPoint presentation). Marcello Diamante noted that the map on the slide has been corrected since the last meeting to accurately reflect landowner boundaries and the preferred pipeline route.

Questions and comments from CLG members to TRUenergy

- Q: Can you use the existing Canyonleigh Rd to Brayton Rd easement as your pipeline route?
- A: TRUenergy purchased the development site with a gas pipeline corridor route already in place and approved by the DoPI. As shown in slide 7, following the existing road easement corridors would result in increased vegetation clearance relative to the existing pipeline route. TRUenergy's proposed amendments to the existing pipeline corridor is based on using existing easements, addressing landowners concerns where possible and further reducing impact on existing vegetation where possible.
- Q: Is the pipeline above ground or underground?
- A: The pipeline will be constructed underground across landowner property and will only be above ground near the connection points to the Moomba-Sydney Pipeline and the Power Station site. The depth of the pipeline will be between 0.7 to 1.0m below ground level.
- Q: Can you explain the electrical infrastructure connections shown on slide 8?
- A: TRUenergy has formally started discussions with TransGrid (a NSW Government owned enterprise. TransGrid own and deliver high voltage electricity and infrastructure in NSW) about these connections. TRUenergy will be responsible for construction of the powerlines from the Power Station to the TransGrid switchyard approximately 1km away. At that point, TransGrid will need to install additional equipment in the switchyard to allow the Power Station to connect into the electricity grid within the Marulan Switchyard.

- **Upgrading Canyonleigh Road**

- Upgrading Canyonleigh Road is a requirement of the project approval. This includes sealing the road before works commence and repairing any damage after construction is completed. Graham Dowers from TRUenergy explained the company have begun this process by engaging consultants to complete a site investigation report. A draft has been received and discussed with Goulburn Mulwaree and Upper Lachlan Shire Councils. Samples have been dug and are being analysed. TRUenergy is targeting tender and construction of Canyonleigh Rd during March 2012 subject to Board Approval for the project.

Questions and comments from CLG members to TRUenergy

- Q: Has the advice of Goulburn-Mulwaree Council been sought on upgrading Canyonleigh Road? Will the road meet Council standards?
- A: Yes. A meeting with the engineering departments of both Councils has been held. Specific instructions have been given by Goulburn Mulwaree Council who have firm requirements for the standard required for the Road. This will result in a good road at the end of the project. Additionally, there will be an assessment before and after to make sure any damage will be repaired at the conclusion of the project. This assessment will be from George Street in the Marulan Township ending at the entrance of the Power Station site off Canyonleigh Rd.
- Q: Do you have any clarification on which Council will be responsible for maintenance of the road?
- A: Most of the road is owned by Goulburn Mulwaree Council with a small stretch of the road under Upper Lachlan Shire Council ownership. It is our understanding that the GMC has responsibility for the maintenance of this section of Canyonleigh Rd. Our discussions with the councils has identified Upper Lachlan's concerns are more about other roads being used in the Shire as part of the project (that is for transportation of materials and by heavy freight). TRUenergy will mitigate this risk by ensuring that the traffic management plan for the Project will limit all Project related transport to the Site to use the approved roads outlined in the Project Approvals (i.e. Brayton Rd/Red Hills Rd onto Canyonleigh Rd).

- Q: How many kilometres will the road upgrade cover?
- A: The road upgrade will be approximately 10km in length from Brayton Rd and Canyonleigh Rd intersection to the Arthursleigh Rd farm track entrance into the University of Sydney property.

- Q: Is the road currently wide enough?
- A: The road itself is wide enough for the road upgrade however modifications to the entrance at the Arthursleigh Rd entrance and temporary removal of the island at the Brayton rd intersection will be required to accommodate the heavy vehicle transport of the Gas Turbines and other oversized loads.

- Q: Have you considered the issue of the speed limit raised at the previous CLG meeting?
- A: We raised the CLG's concerns about the speed limit on Canyonleigh Rd with Council staff at our meeting on the Canyonleigh Road upgrade however they explained speed limits are the responsibility of the NSW Roads and Maritime Services (formerly Roads and Traffic Authority). We will revisit this with NSW Roads and Maritime Services at a future date.

- Q: Will there be a white dividing line marked on the road?
- A: Yes.

- Q: Will there be lights provided on the road?
- A: There won't be any changes made to existing street lighting (if any) as part of the road upgrade.

- Q: Have you considered the impacts on Brayton Road and are there plans to address these impacts?
- A: Canyonleigh Road is the main focus of TRUenergy's upgrade as it is currently unsealed. However, TRUenergy will conduct assessments of Brayton Road from George Street to the power station site before construction has commenced and after construction activities are completed so that damage directly attributed by the Project can be identified and repaired. This is required under the Project's approvals.

- Comment from CLG member: There are two major quarries on Brayton Road so determining who is responsible for damaging and maintaining this road will be difficult. Mention was made of previous promises to upgrade Canyonleigh Rd by other developments but did not follow-through with this action.

- **Project website**

- Marcello Diamante explained a dedicated project website for TRUenergy Marulan is "up and running" as of today (8 December 2011). It can be accessed via the dedicated link: www.truenergy.com.au/marulan. In the future, as IT issues are addressed, this link will be altered so it can be accessed directly from the TRUenergy website. The website currently has four tabs covering the proposed site, project update, community consultation activities (including links to the minutes from CLG meetings) and a contact page. These tabs and content will expand as the project moves from development phase into its construction and operation phases.
- Elton Consulting will send an email to CLG members following the meeting with the website link. CLG members were asked to please distribute this link to their networks.

- **Next steps**

- Marcello Diamante explained that moving forward, TRUenergy's key activities in order to commence construction are to:
 - o Finalise changes to existing approvals with the DoPI to allow for consolidation of the layout, alterations to the infrastructure corridors and inclusion of the water pipeline along the gas pipeline corridor;
 - o Secure a TransGrid electrical connection offer;
 - o Conduct a detailed survey and design of the required infrastructure connections;
 - o Finalise the design and tender for the Canyonleigh Road upgrade;
 - o Finalise easement negotiations with affected landholders; and
 - o Finalise the gas turbine selection.

Questions and comments from CLG members to TRUenergy

- Q: What is the timing expected for approval on the Project?
- A: TRUenergy is still targeting Notice to Proceed in March 2012 subject to Board Approval.

- Q: Are you sub-contracting the building of the road?
- A: Yes. We will be drawing on a list of contractors sourced from the Councils as well as contractors used on other Projects in the area or who have made direct contact. The contractor selection for the roads upgrade will be most likely determined under a competitive tender process.

3 General Discussion

CLG members expressed an interest in addressing issues from the minutes of the previous meeting in more detail than in the previous discussion. The group examined the previous meeting's minutes in detail to discuss specific issues and matters of concern. The main points of discussion, questions and comments included:

- **Emergency management systems and hazard analysis**

- Q: Do you have an update on information on emergency management systems and hazard analysis and measurements as described in Section 4 (Other Matters)? There would be an expectation that this information should be finalised when you are three months from obtaining project approvals.
- A: TRUenergy provides recommendations and guidance to our contractor on our requirements for these plans; they are then devised by the contractor and need to be signed off by the NSW DoPI. At this point in time the detail cannot be provided around these plans. We have however been trying to reach the point of a "half way house" where we have asked the contractor for high level and indicative information in a digestible summary or overview. They have not been able to provide this information in time for this meeting.

Comment from CLG member: A lot of this information has been covered in the Project's Environmental Assessment. Elton Consulting agrees to send out the relevant chapter of Environmental Assessment to CLG members.

- Q: Being an unmanned site we are also concerned that for 24 hour periods, for example, no one will be there to pick up a hose if an emergency situation occurred. There could also be an external threat like a bush fire. How will you address this?
- A: The site has systems in place that will shut it down automatically if there is an internal threat or emergency situation. As explained in the minutes to the last CLG Meeting, It is envisaged that TRUenergy employees will be living and working in the local area and be able to respond to hazardous/emergency situations quickly. The site will have remote operation capability which will relay sensor information to TRUenergy operation centres ensuring fast reaction responses to emergency events and automated shutdowns. The site will be in a cleared area, have automated fire protection equipment and be monitored by closed circuit television cameras (CCTV). The final design will include batteries/small diesel generators onsite as back-up in the event of a loss of auxiliary power to the site for all emergency requirements.

After further discussion on the level of detail being requested from the CLG it was agreed that TRUenergy will commit to providing regular educational presentations for 30-45min covering key facets of the construction and operation of the proposed power station.

- Action: TRUenergy will look to provide an educational presentation on Emergency Management Systems for Power Stations at the next CLG meeting as well as a list of topics for future CLG meetings.

- **Timelines**

- Q: Do you have a timeline for construction?
- A: This is a commercial issue. We cannot comment definitively on timelines until the contracts for the site are signed. However we are able to comment that there is a tender timeline. It is likely the contractor will be on site in April.

Comment from CLG member: The timeline is a key detail that the community may be interested in, for example to understand when there will be more truck movements and impact the community.

Response: We look forward to telling you with certainty about these details in March 2012. As was the case with TRUenergy Tallawarra, we will aim to notify the community about big movements and heavy lifts including key dates. Also once the detail of the project design is confirmed, more detail can and will be shared with the CLG.

A request was made to include media announcements about the Marulan project in the Southern Highland News. TRUenergy agreed to adopt this as the boundaries of the other local newspapers do not overlap.

- **Diesel**

- Q: Has the use of diesel as a fuel option been taken off the agenda?
A: The Marulan Power Station will be developed as a Gas Fired Power Station. Current discussion with DoPI in relation to alterations to the Project Approvals does not include the use of diesel as a back-up fuel supply.

- **Noise assessments**

- Q: Noise assessments in the Environmental Assessment are based on the Delta facility. Therefore, are they accurate? The site being developed is different to the Delta site as you have explained.
- A: This possibility has been examined by our consultants and contractor. Importantly they have concluded there is no change to the site except its positioning. It is important to meet key receptors which it does. Also this noise assessment was based on Delta Stage 2 (i.e. CCGT stage) which would have been noisier than our proposed development as an OCGT peaking plant. Discussion focused on a "lay person's guide to noise levels" which was used in a CLG meeting for the Tallawarra project.

A request was made to locate and provide this guide for the next meeting. TRUenergy will endeavour to locate this and provide at the next meeting.

- Q: How close is the nearest resident to the Tallawarra site?
- A: It is estimated that the nearest residence is approximately 1 kilometre from the Tallawarra site. However this question is taken on notice for the next meeting.

Post Meeting Note: Actual distance to nearest residential receptor for the Tallawarra Power Station is approximately 875m.

- Q: How close is the nearest resident to the Marulan site?
- A: The nearest resident is approximately 1.4km from the site as the crow flies.

Post Meeting Note: Actual distance to nearest residence is 1.568km. This is an approved dwelling that is yet to be constructed.

- **Information sharing**

Comment from CLG member: From our perspective, the key issues for the community are the emissions and the effect of these emissions on the community, noise, water, emergency services, traffic and contributions to the community that the project might bring. A task for the TRUenergy team is conveying those facts in a way we can understand it and take back to our community whether it is the first quarter next year or third quarter next year.

Response: This is agreed. TRUenergy will endeavour to provide this information through the CLG. It is complicated at the moment to provide clear and definitive information due to the commercial situation with our contractor. However your concerns and priorities are heard. We will aim to provide digestible information broken up into these topics as packages for presentation to the CLG. We did assume that this information sharing was carried out by the previous proponents but now understand it was not. The advice and input of external experts may also be used to explain this information.

- **Contributions**

- Q: What contributions have been planned for the Marulan project?
- A: Confirmed contributions include \$100,000 (2009 dollars) for the Upper Lachlan Shire Council as a community grant. This contribution was negotiated as part of the project permit; it is a one-off, upfront payment. Also \$30,000 (2009 dollars) has been pledged to the Big Hill Rural Fire Service. Canyonleigh Road will also be upgraded. In addition to these confirmed contributions, TRUenergy's model is to support the local community "on the ground" how the local people, especially those who are employed onsite, thinks is most appropriate. This is not prescriptive. For example at Tallawarra, initiatives include Conservation Volunteers Australia, children's health programs, removing an old dam across an important local creek, cycle track, BBQ areas among others.

- Q: Is there any money going to the Goulburn-Mulwaree Council? Though the site is technically in Upper Lachlan, Goulburn-Mulwaree will be most greatly affected.
- A: The main contribution to Goulburn-Mulwaree Council is the upgrade of Canyonleigh Road.

Comment from CLG member: Marulan needs more support as it is their local community, businesses and roads that will support the power station.

Response: Once the designs for the site are finalised, local people can begin to be employed and initiatives will be developed. Our local people working on site will be engaged in and with the community. TRUenergy do not have any control over the amount being contributed to the Upper Lachlan Shire Council or how it is directed – it is a condition of approval.

- Q: How will the stacks be visible from my property (which is located approximately 2km away)? There was a photo taken from my property at one stage. How will this be used?
- A: This photo will be used to create a montage showing how the equipment from this site will look from your property. This montage is still in development. We will present the montage to the CLG when they are completed.

4 Thank you and close

The meeting closed at approximately 6:30pm. Brendan Blakeley thanked all participants for their attendance and input. The group expressed their support for continuing to hold meetings on a Thursday. A target date of March 15th 2012 was set for the next meeting of the CLG. This will be confirmed in the New Year and if necessary the meeting scheduled for a week earlier. The group expressed their support for keeping the Meridian Café as the constant location of the meeting as it is a pleasant environment in which to meet.

A final question was asked by a CLG member to TRUenergy:

- Q: Has the Sieler family been notified about these meetings? (This family are directly impacted by the site and proposed works).
- A: Landowners who are directly affected by the development have been contacted on a one-to-one basis. This includes the Sieler family, and Mrs Kotic, Weiss family and the University of Sydney. The CLG is more a representative group who can bring forward and communicate back the views of their community. The CLG is a living group that will continue once the site is operational.