

# TRUenergy COMMUNITY LIAISON GROUP

## MEETING MINUTES: ADOPTED OCTOBER 2007

MEETING	TALLAWARRA LANDS CLG MEETING	MEETING NUMBER	4/2007
HELD AT	TRUENERGY TALLAWARRA SITE, WOLLONGONG	DATE	15 AUGUST 07
PROJECT	TALLAWARRA CLG MEETING		
ATTENDEES	John Osseweyer Cheryl Lappin Chris Brandis Rita Webb Gary Clarke Rhonda Warner Jon Bridge Anthony Savenkov Graham Dowers Lloyd Townsend Tony Enright Lucy Greig Brendan Blakeley	Scout Association of Australia - South Coast Region Shellharbour City Council Illawarra Bird Observers Association Dapto Chamber of Commerce LIA Resident Wollongong City Council TRUenergy TRUenergy TRUenergy TRUenergy Elton Consulting (Note taker) Elton Consulting (Facilitator)	
APOLOGIES	Graham Towers Andrew Knowlson Doug Prosser David Green	Department of Planning Duck Creek Catchment Group Lake Illawarra Authority Wollongong City Council	
DISTRIBUTION	To all invitees		

ITEM NO.	DESCRIPTION	ACTION	DATE
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### 1.0 Welcome & Introductions – Brendan Blakeley, Elton Consulting

*The meeting commenced just after 4.30pm. Brendan welcomed all those present.*

*Apologies were received from Doug Prosser, Andrew Knowlson and Graham Towers.*

*The minutes of the previous meeting were accepted without amendment. Adoption of the minutes was moved by Rita Webb and seconded by Chris Brandis.*

### 2.0 Power Station Works Update – Lloyd Townsend and Tony Enright

Lloyd Townsend and Tony Enright made the following key points:

#### Power plant

- Currently undergoing transition from civil phase to mechanical and electrical plant erection.
- Completion of major buildings to finishing trades.
- Plant equipment deliveries are accelerating with a number of large loads to be delivered to site in next few weeks requiring out of hours transport and special arrangements. Goods manufactured locally for Alstom. 2,000 tonnes of equipment to be delivered over the next few weeks. In line with regulatory requirements, most of the deliveries to occur at night time.

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### Switchyards

- Good progress on site, civil foundations complete. Presently building the control room.
- All major electrical equipment is on site and being erected.

### Gas pipeline

- Good progress on layout, welding, excavation.

The following photos were presented:

- Aerial photo of the site from 23 July 2007 showing progress to date. Control room, switchyard, gas receiving station and pipeline.
- The stack has a red and white stripe across the top – which is different to previously advised. Alstom has a contractual obligation to satisfy all regulatory requirements, and deems it necessary to include the stripes at the top of the stack to meet CASA requirements.
- Photo of the Intermediate Pressure steam turbine – shop assembly ongoing by end of July 2007.
- Condenser module near 1 – will condense the steam to water.
- Loading of modules (“harps”) onto ship.
- On site 13 August 2007. Each crane will have a 70 tonne capacity, with a combined lifting capacity of 120 tonnes.
- On site 13 August 2007. Heat Recovery Steam Generator (boiler structure).

### Programme

- Planned commercial load date is unchanged.

### **“Stage B” Update**

Graham Dowers gave an update on Tallawarra Stage B, making the following key points:-

### Design

The completed design entails:

- notional two or three unit Open Cycle Gas Turbines of 320MW – 400MW;
- utilising “A” station assets such as control room, demineralised water facility, and gas lateral;
- liquid fuel storage and unloading.

### Planning & environmental assessment

- The team is currently discussing the preliminary results with relevant agency stakeholders.
- Anticipate submitting the assessment for adequacy review by the end of September.

### Commercial & technical

Consultants have been engaged to develop the commercial and technical documentation

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in readiness to go to the market.

### Stage B Air Quality Assessment & Stage B Hazard Analysis

Graham Dowers then went on to discuss the Stage B Air Quality and Hazard Analysis assessments as per the attached slides.

### Discussion:

- CLG Member: Air quality is affected by many factors including topography, time of year, time of day, etc. What is the proposed timeframe for starting up the plant?
- Graham Dowers: The current plant will take between an hour to two and a half hours when starting from being very cold (eg if it has been switched off for a number of days). The air pollution model considers all the relevant factors to produce the worst case modelling data.
- CLG Member: If you go over the DECC limit what would the impacts be?
- Graham Dowers: NOx can impact on human respiratory function and the growth of plants.
- A CLG member noted that on a busy road NOx levels are around 1,000 ug/m3.
- CLG Member: We need to know what the baseline air quality is and how air quality in the local area will be monitored over time.
- CLG Member: What sort of risk did SKM consider? Did they consider earth tremors?
- Graham Dowers: The risk assessed by SKM was a drastic scenario. That is, if the pipeline was broken in two and all the gas escaped and caught fire – for instance, following a serious back hoe or bulldozer incident. The recommendations made by SKM in its report will be factored into the specifications. The recommendations generally focus on fixed fire fighting and monitoring.

### **3.0 Site Maintenance Update – Lloyd Townsend, TRUenergy**

Lloyd Townsend and Tony Enright made the following key points:

#### Sewage Treatment Plant

- Testing of sewage plant outlet - monthly test results:
  - BOD5 (Biochemical Oxygen Demand) – EPA limit 20mg/L. Average result for this year is 2. That is, well under the allowed limit.
  - Total Suspended Solids (TSS) – EPA limit is 30mg. Our average is 25, mainly due to the large amount of rainfall earlier in the year.
- Reduced spraying of treated effluent in spray irrigation area.
- Sewage plant capacity upgrade design and manufacture is currently underway.
- More road side clearing including posts, poles and bridge fencing in preparation for wide loads arriving. Temporary fencing has been installed where required.
- Bowling club use modified to include security cabin, visitors centre and staff meeting rooms. Security staff 24 hours per day. Currently in final stages of design.
- Yallah Bay Road still in poor condition. A reduced speed limit is in place.
- Integral Energy on our site installing fibre optic cables on their poser towers.

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- TRU emergency / environmental contact phone number changed on entrance signs.
- Vandal attack on equip in PowerServe storage yard.
- Intruders in Ash dam 2 area were apprehended and cautioned.
- Gas pipeline started. Trenching and directional boring currently underway.
- Aboriginal cultural sites proximate to the power station site have been physically marked out/identified in northern area of lands for the awareness of Integral Energy.
- Continued mowing and slashing around the site.

### Discussion:

- The LIA representative sought clarification on any planned changes to the security access arrangements due to the proposed security cabin and whether the current process of having to go through three gates will change. The furthest gate is most critical as Alstom will need to get access to this area and so may the LIA.
- Lloyd Townsend responded that there is no proposed change.
- Graham Dowers commented that the gate closest to the bridge is not locked for TRUenergy purposes. He reiterated that TRUenergy is open to further discussion with the LIA following the construction phase.
- Two CLG members noted that there has been further illegal dumping in the area – including materials such as tree stumps and wet paper rubbish.

## 4.0 Tallawarra Lands Update – Anthony Savenkov, TRUenergy

Anthony Savenkov made the following key points:-

### Website

- We are updating the information website for the Tallawarra projects. The web pages can be found at: [www.truenergy.com.au/production](http://www.truenergy.com.au/production), and include useful information about the Tallawarra Lands project.

### Water Management Plan

- As previously advised, *Storm Consulting* has been engaged to prepare the Tallawarra Lands Water Management Plan.
- They are undertaking stormwater quality and quantity modelling for the development.
- The purpose of this work is to develop a conceptual integrated water management system to effectively convey and treat water onsite.
- This will help:
  - protect/improve the quality of water draining into Lake Illawarra;
  - reduce run-off and peak flows;
  - integrate stormwater treatment into the landscape; and
  - protect/enhance the natural water systems.
- Appropriate measures to assist with the environmental flow objectives may include rainwater tanks, water quality control ponds, harvesting and infiltration basins, and so on.

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- *Storm Consulting* will additionally investigate initiatives to manage the key water streams (potable water, waste water, recycled water, and storm water) in a more sustainable way. For instance, they will specifically assess the feasibility of :
  - stormwater harvesting for the irrigation of public open space areas;
  - WSUD (water sensitive urban design) – a locally focussed approach to sustainable design; &
  - an Integrated Water Cycle Management approach – a regionally focussed approach to sustainable design.

TRUenergy anticipates that this may provide opportunities for enhancing ecological outcomes for the Tallawarra Lands development.

### 5.0 Discussion and Next Steps – Brendan Blakeley, Elton Consulting

#### Wollongong City Council planning process update

Jon Bridge of Wollongong City Council made the following key points:

- Once the West Dapto Local Environmental Plan has been completed (it will shortly go on public exhibition), Council will exhibit the Wollongong Local Environmental Plan. This is scheduled to take place by the end of 2007.
- Section 62 of the *Local Government Act* requires that Council undertakes consultation with the relevant government agencies regarding a draft Local Environmental Plan. Wollongong City Council normally divides this into preliminary and secondary consultation processes. Consultation has been conducted for both the West Dapto and City wide Local Environmental Plans. Initial consultations for Tallawarra Lands were conducted in 2006. The Tallawarra Lands LEP was initially a separate LEP, but this is now part of the Wollongong city wide LEP. Consultations will take place at the same time as the public exhibition so that Council can consider both agency and community responses concurrently. Council will not be conducting further detailed consultation on the Tallawarra site until the West Dapto LEP has been completed.

#### Discussion:

- CLG Member: Will the West Dapto Local Environmental Plan be integrated into the city wide Local Environmental Plan?
- Jon Bridge: The intention of the Department of Planning is that each LGA has only one LEP. However, West Dapto is too far advanced to roll into the city wide LEP. Over time the two documents will be rolled into one. However, this is unlikely to occur by 2009.
- CLG Member [referring to the West Dapto project]: I understood that s.94 monies were going to be used for development of a bridge. Land cannot be released for development until the bridge is built – I thought it was going to be started by the end of 2007.
- Jon Bridge: Council has been working on the concept plan for the bridge which will be submitted to Department of Planning. However, the West Dapto and City wide LEPs have been taking priority at Council. Some of the land can be developed prior to completion of the bridge.
- CLG Member: The impact of new development on infrastructure and services in the Illawarra will be significant. There is a continuing groundswell against development of housing on the northern part of the Tallawarra Lands site. There is an increasing demand for services and facilities in the region to provide for local communities; e.g.

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local NGO community services.

- CLG Member: We need more open space.
- CLG Member: The Lake Illawarra Authority ("LIA") is proposing to update the part of the site near the car park and outlet canal. Works will commence on the boat ramp in the next two weeks and removal of rocks will take place over the next few months. The LIA also hopes to commence works on the car park shortly after the boat ramp is completed, which will be followed by works on the jetty. All works are scheduled for completion by the end of 2008. A Plan of Management has been prepared for the rest of the foreshore strip from the canal to Gilba Road – this includes share ways (combined pedestrian and cycle paths). The LIA is currently in discussions with TRUenergy regarding the Masterplan.
- Brendan Blakeley suggested the LIA may wish to consider giving a presentation to a future CLG meeting regarding the Plan of Management.
- A CLG member commented if they are shared pathways that there needs to be signs to alert pedestrians that cyclists may be regularly passing.

### 6.0 Close – Brendan Blakeley, Elton Consulting

Brendan Blakeley thanked all attendees and closed the meeting at 6.20pm.

NEXT REGULAR MEETING: 4.30 pm Wednesday **17 October 2007** at Tallawarra Site Offices.

**If you have any questions in relation to these minutes please contact Brendan Blakeley at Elton Consulting. Tel. 02 9387 2600 Fax. 02 9387 2557 Email. [brendan@elton.com.au](mailto:brendan@elton.com.au)**