



Planned Outage Co-ordination Process (POCP) Review
Technical Advisory Group (TAG) Meeting
Minutes for Friday, 03 July 2009

Attendees

Teng Ang (MRP)
Evan Boyt (Trustpower)
Howard Williams (Meridian)
Tuong Nguyen (Contact Energy)
Angela Houston (System Operator)
Rick Liew (System Operator)
Alan Jenkins (ENA)
James Denham (Genesis)
Carmen Blackler (Independent Chair)

Apologies

Ralph Matthes (MEUG)
Steve Cowlshaw (Grid Owner)

Minutes

1. Welcome and confirmation of agenda
2. Previous minutes accepted and action items as follows:-
 - a. **Action:** Rick to check with legal team whether restricted access to the website is anti-competitive.
It is not considered that the current restricted access to the website is anti-competitive. Transpower allow access to all registered participants if they request access, therefore it should not be deemed to be anti-competitive. Transpower consider granting access to other people or organisations not involved in the current electricity industry/markets, but it is on a case by case basis, and takes into consideration whether those wanting access have genuine reasons
 - b. **Action:** Rick to confirm whether data is downloaded from source data or through the POCP front end.
Redspider (the developer) have advised that data is downloaded/uploaded via the automatic facility directly from the source data. That said, data can also be downloaded from the POCP website via the search, then download as excel file
 - c. **Action:** Alan to forward test website and login details to members. Members to review and provide comments back to Chair (Carmen).
Responses were received from nine (9) Lines companies in total. The majority of the lines companies commented that they used POCP for information purposes only. A few commented that there was too much information and trying to make sense of it all would make their internal process inefficient for no obvious gain. Others commented that they did not feel they made an impact on the grid so did not see a need to participate.

All respondents were complimentary about the one-on-one relationship they have with the Outage planners. All wished this relationship to continue as it had high value, and provided both parties with an exchange of useful information.

- d. **Action:** Rick to forward NZEB database presentation to TAG members and to post on website with POCP review information – **Complete**
- e. **Action:** Steve to check with Grid Owner IT person, about ability to sort outages into parent/child relationships.

Transpower Grid Owner is currently looking at this scenario to assist the ROC Planners. The plan is to do this in PROMS. Once it has been established in PROMS, the Grid Owners IT personnel will consider how it will write to POCP.

- f. **Action:** TAG members to advise System Operator (via Chair) what level of granularity the filters should go to – e.g. geographical regions, zones, GOS zones, other.

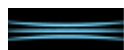
Feedback from TAG members is that having regional filters (and perhaps the HVDC) would be a useful start. Determining the regions may be difficult – especially in relation to boundaries. The long term preference would be to resolve the parent/child data relationship so as to be able to identify inter-related outages.

Suggestion from TAG meeting is to have an additional field which is a “flag” which highlights whether an outage is a parent or child in a group of outages. This will help identify that there are in fact related outages in POCP.

- g. **Action:** Rick to check feasibility and cost to implement “favourites”
Transpower has spoken to the software developer. This is doable. A scoping and costing exercise with Redspider on the development of both POCP and NZEB is underway. Transpower will report back when they are in a better position to know the cost to implement this
- h. **Action:** All generators to check their generation information presented within NZEB. Also, confirm preference for presentation of information (e.g. MCR or “availability of plant”), and consistency with POCP requirements
Feedback received to date indicates that the information in NZEB is correct. Any further communication on this can be directed to Hasmita
- i. **Action:** System Operator (Rick) to check with NZEB analysts (John/Hasmita) about what information is extracted from POCP to populate the “generation outage” capability section of NZEB. If inconsistent then need to determine whether a tool issue or a data entry issue.

Transpower following up with the software developer on this, but at time of writing had not received a response. Transpower to provide an update when one is available.

Discussion from the TAG meeting highlighted that some of the issues may be the different approaches to naming conventions. By way of example, stations with only one unit may label the outage as a stage outage (ABC_STN) or as a single unit outage (ABC_1). The tool is unable to distinguish which convention has been applied, unless this is “hardwired” into the system.



The TAG recommended that guidelines be provided to industry participants from the System Operator on the preferred naming convention. It was noted that the naming conventions may be different for generators, lines companies and major users, therefore the Guidelines should reflect this.

Resultant action: Rick to draft naming convention guidelines (one page sheet) and distribute to TAG members for comment. On “approval in principle” forward to all industry participants.

Following on from this the tool can be assessed to improve any other anomalies. Examples include:-

- implementing a cross reference outage unit name with MW loss figure, which should assist in identifying unit vs. station outages
- Participants registering outage IDs, and when they don't match with the naming convention ID stored by the database, an error message is displayed – e.g. “this outage ID is not registered”.

- j. **Action:** Steve to confirm whether it is possible to include this information (mitigation measures and/or agreements) in POCP.

The outage planners are reluctant to write information into POCP, however, there is a possibility that it can be entered into PROMS. To do so would require a PROMS update which could be costly. A new “field” would also need to be included in POCP for this information to be transferred into. The Grid Owner is following up on this with the IT people.

- k. **Action:** Steve to confirm whether GO is prepared to make this information available and if so how.

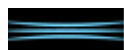
The Grid Owner is currently working through this.

- l. **Action:** Chair (Carmen) to contact Top Energy and Todd Energy to understand why they choose not to participate in POCP, and discuss how they could be encouraged to do so.

Both generators responded to the query from the TAG. Top Energy understand the benefit of participating, and are keen to consider what is required of them. The System Operator is following up with Top Energy on requirements for participation etc.

Todd Energy were encouraged to hear that TAG members are interested in receiving comprehensive data, however, felt that unless some form of outage protocols were established regarding coordinating maintenance activities, (and any Commerce Commission issues this might present were resolved) then there was little benefit for them or other large plant owners having access to information regarding the outage plans of smaller plant. They noted, similar to the lines companies, that the current process of local involvement at a regional level between Transpower and grid users was good, and they considered this sufficient for their purposes.

- m. **Action:** Alan to provide Carmen contact details for Top Energy. Rick to provide Carmen contact details for Todd Energy. – **complete**



3. The draft of the final TAG report to the System Operator was reviewed, and comments recorded.

Action: Chair to finalise agreed amendments to the report and forward “Final Report” to the System Operator on behalf of the TAG. – **complete**

4. General discussion was had on the Review process, and TAG member unanimously agreed that the process had worked well.

5. Next steps

Following receipt and review of the Final Report from the TAG, the System Operator to provide a response to the TAG, and the industry on the recommendations included within the report. Such response may include further consultation with the industry on a wider basis.

Action: Rick to post the POCP Review Final Report on the System Operator website.

6. Following on from this meeting, the TAG has been disestablished having completed its activities as outlined in the Terms of Reference. The System Operator reserves the right to reestablish the TAG in the future, should the need arise.
7. Meeting closed 12:00pm

Carmen Blackler
POCP Facilitator