IMPORTANT NOTICE
IN 056/18
ALL ACCREDITED SERVICE PROVIDERS
ASP SEMINARS QUESTION & ANSWERS

Level 1 ASPs

Q1:

ASPs were told that the authorisation changes introduced did not consider authorisation for live low voltage work adequately and are being revisited. L1ASPs were told that all L1ASPs that were undertaking live low voltage work under their previous authorisation could continue until further notice, what is the status of this review?

Answer: We are still considering the best way forward and it is likely that a change will be communicated by mid next year. Our advice provided in previous Level 1 ASP Seminar still remains in force "As presented at the ASP seminar, it is understood that all ASPs who have undertaken LV live line work under previous authorisations will retain the ability to continue to undertake live LV line work until the prerequisites for the specific authorisation of ASPs for LV live line work has been communicated and authorisation is being renewed. Our Authorisations section has been requested to post a notice via an Important Notice" on the ASP Website when transition details have been determined" as advised by Tony Baerwinkle.

Q2:

How do ASPs get prequalified now that the is no ASP Auditors?

Answer: Prequalification requests and documents are still to be sent to our email address aspaudit@endeavourenergy.com.au. All requests are considered and processed by our Principle Engineer Len Blair-Hickman

Q3:

What is being done to resolve inconsistency between how different CWEs define requirements?

Answer: All CWEs are receiving in house training as a group. The modules of training that have been delivered are:

- Street lighting
- OH Line Design / Review (module 2)
- OH Line Design / Review (module 3)
- OH Line Design / Review (module 4)
- OH Line Design / Review (module 5)
- Earthing Design / Review

Other training modules are also being developed.

Also the project issues registers used for certification quality control are being monitored with the hope that inconsistencies can be readily identified and managed as time goes by.

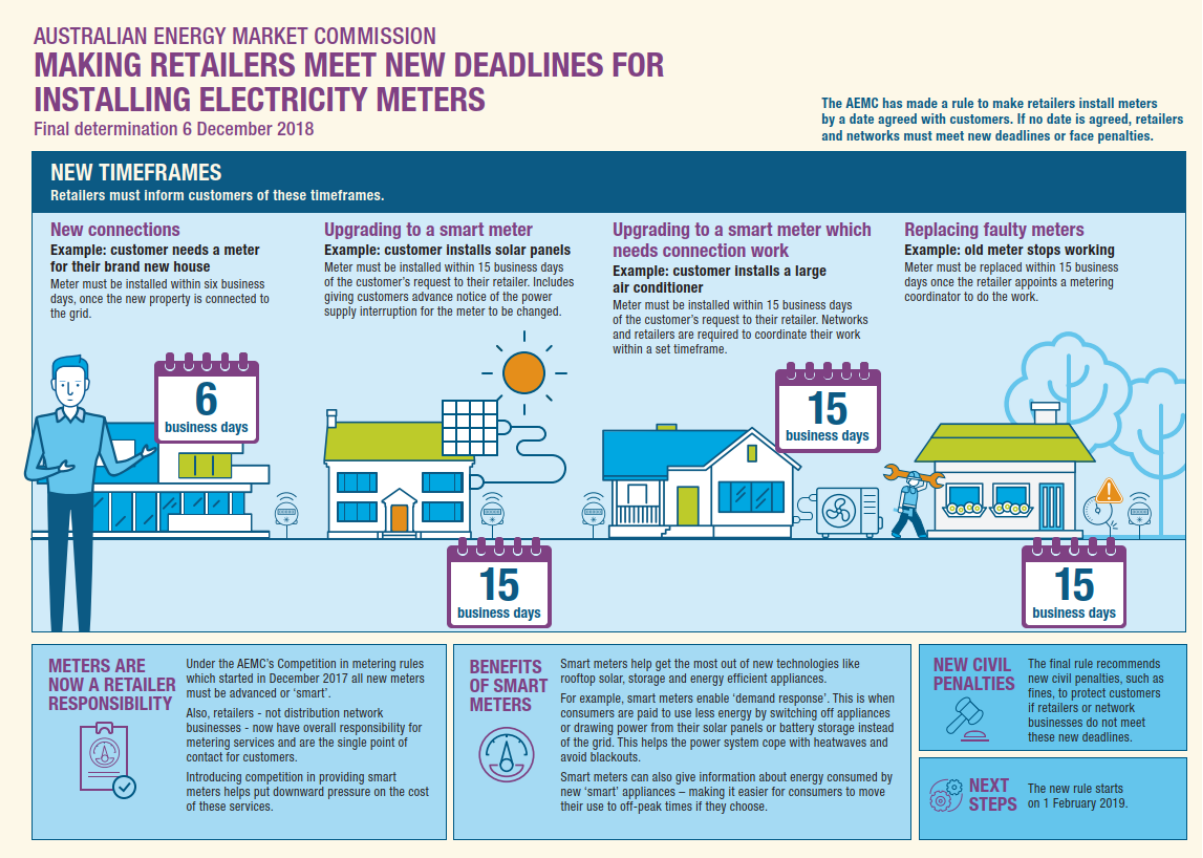
We also appreciate any feedback on these issues and will be initialising a project feedback form in the near future to formalise the collection of feedback on our performance from both Level 1 and Level 3 ASPs.

Level 2 ASPs

Q1:

ASPs are having trouble getting Retailers to install meters what can be done?

Answer: Recent rule changes introduced by the Australian Energy Market Commission as detailed in the below attachment call for greater responsiveness by Retailers. Endeavour Energy has no role in the provision of meters.



Q2:

If emergency repairs are carried out at a switchboard can Endeavour do anything to allow customers to be reconnected even though meters that have been damaged are yet to be replaced by the Retailer. Customers are suffering.

Answer: Under such emergency conditions the ASP or Licensed Electrician undertaking the work should contact our Customer Services on 131003 and ask for an Emergency Services Operator to bypass faulty metering. Endeavour Energy would then lodge a service request with the relevant Retailers to have the meters replaced.

Q3:

In a multi occupant separately metered development supplied through one service and a main switchboard can an ASP or electrician isolate supply to a customer to carry out work.

Answer: An ASP or electrician can replicate their own isolation by agreement from the entity controlling the controlling the development as the work being carried out on their installation and is not controlled by Endeavour Energy.

Level 3 ASPs

Q1:

Why are we required to submit arborist report part of SER submission. Is it possible if arborist report can be submitted during construction stage by builder/developer so that design can be certified without arborist tree report? Normally it is likely to accurse at construction stage in any case.

Answer: Endeavour Energy is the determining authority and must ensure that all relevant information regarding environmental controls are considered and available before allowing a design to go to construction. Defining the scope well at the time of design also reduces delivery and cost risks to the customer. This issue will be discussed further with our Environmental Section to see if there are steps that can be taken to streamline the process however at this time the reports are required.

Q2:

Endeavour Energy has recently introduced three-way link pillar. We have been advised by many CWO/CWE in recent past that we are not to use three-way link pillar because it is not available in the market yet. It is frustrating because we have to amend the design during certification process.

Answer:

A number of ASPs claimed that there were a number of issues that were not well considered or communicated when the Technical Bulletin introducing the three link pillar was released and ASPs were given scope at their discretion to continue using single and double link pillars only until the issues were resolved. The draft notice provided for comment during the Seminar will be released in the new year and will provide the guidance needed to use the three way pillar. We are nor aware of any supply constraints.

Q3:

MDI0028 Clause 6.3.6

Why do we need council permission for fire walls, retaining walls, architectural screening and gardening?

These requirements are delaying the design certification by more than 6 months. Is it possible to amend this clause to “council permission &approval are required to be submitted to Endeavour Energy inspector &CWO/CWE prior to construction work” so that design can be certified without these permissions?

Answer:

We have had legal proceeding with Councils and developers regarding this issue and as the determining authority for the electrical assets we must ensure that the ancillary structures that our approval for the electrical assets relies on has been adequately assessed and approved by the Council. This limits our liability and ensures that there is no confusion regarding the responsibilities related to approvals.

Q4:

Where can I find WR=Wind load on pole surface (kN) data for pole calculation report in network standard?

Answer: Wind Loading (Wr) on timber poles is calculated based on 750 Pa wind applied to the projected pole surface area of the above ground portion of a timber pole. Eg. For a 12.5m/12 kN pole:

- assumed to be in the ground 1.85m (e.g. 10.65m above ground)
- has a projected surface area of 3.9m²
- 750 Pa of wind on 3.9m² surface area equates to 1.46kN of load
- Therefore the P2 rating for a 12.5m / 12kN pole = 13.4kN

For further information on these calculations please contact Mains Enquiry mainsenquiry@endeavourenergy.com.au

Q5:
Will Endeavour Energy consider providing details on common design non-conformances so that all ASPs can be made aware of the issues and take corrective action proactively?
Answer:
We do incorporate issues in notices & seminars when there are sufficient repeats however future seminars will devote more time to this given the interest shown.

ASP3 Training Survey Results and Other Suggestions

Course	No of Interest
OH line design – sags, tensions and limits of construction, HV and LV circuit arrangements	16
UG line design – LV circuit arrangements and voltage drop, HV circuit arrangements, pulling tensions	14
Asset relocation design – Interfacing with existing assets, reticulation of lots	13
Earthing design – common earthing and simple separate earthing as per Level 1 and 2 designs	16
Pole and cross arm strength and capacity, strength / capacity of fittings	15
Street lighting design – lighting equipment, tariffs, class 5 tariff charges	14
Service work, grading of protection devices, service mains / consumer mains	10
Contestable design process, timeframes and fee structures	10
Transmission OH design rules	11
Transmission UG design rules	12
Other – please specify	5

Other Suggestions

- Duct pull cable software introduce by Endeavour Energy
- Earthing
- Auto CAD & GIS related applications
- Complex earthing design using power frequency software etc
- Padmount Substation Earthing design fed from non-CMEN
- Establish ZS and with high resistivity soil (high on low layers)
  - share some jobs relating to the above
- GIS CAD validation and error correction when utilising the tool
- Earthing design in rural areas (separate earthing)
- Training videos / webinar / online

19 forms were completed and returned with 2 people saying the training sessions would not be beneficial to the improvement of design outcomes, 17 believed training sessions would be beneficial .

Note: Active energy said 3 people would attend if they could complete the course online

Tony Kavaliauskas
Manager Network Connections
21 December 2018