

1. Title	Make use of power generation or transmission and distribution network data for system performance design purpose
2. Code	EMELDE513A
3. Range	Applicable to works related to power generation or transmission and distribution network equipment. Use various levels of transmission and distribution network project engineering numerical and graphical data to achieve the design goal required in order to assess power generation or transmission and distribution network system performance.
4. Level	5
5. Credit	4
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand power generation or transmission and distribution network data</p> <ul style="list-style-type: none"> <li>◆ Understand information and data record on power generation or various levels of transmission and distribution network performance</li> <li>◆ Understand relevant design standard performance information and data</li> </ul> <p>6.2 Use power generation or transmission and distribution network data to point out and solve operational performance problems for power generation and transmission and distribution network system</p> <ul style="list-style-type: none"> <li>◆ Analyze and assess power generation or various levels of transmission and distribution network performance information and data record and compare with appropriate design standards</li> <li>◆ Use power generation or various levels of transmission and distribution power supply network project engineering performance information and data record to assess the operational performance problems for power generation or various levels of transmission and distribution network system</li> <li>◆ Formulate measures to solve operational problems for power generation or power network in order to improve system performance</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to use power generation or transmission and distribution network performance information and data record to compare with appropriate design standards; and</p> <p>(ii) Capable to solve problems in power generation or power network operation performance to improve system performance.</p>
8. Remarks	