



# POSITION DESCRIPTION

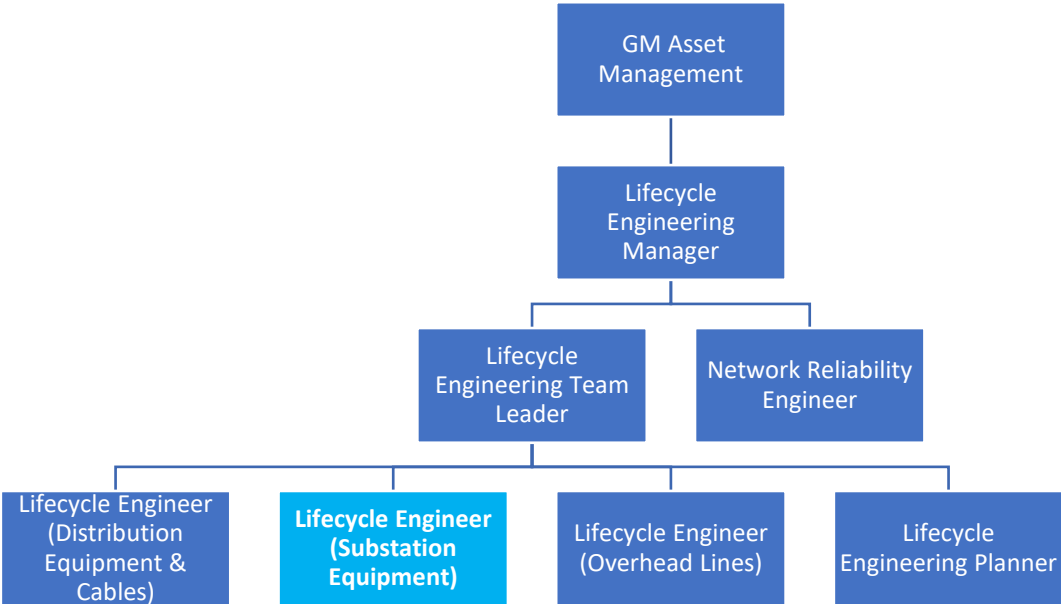


<b>Position title:</b>	Lifestyle Engineer		
<b>Reports to:</b>	Lifestyle Engineering Team Leader		
<b>Group:</b>	Asset Management	<b>Unit:</b>	Asset Lifestyle Engineering
<b>Revision (m/y):</b>	10/2022	<b>Date:</b>	15 October 2024

### Purpose

To undertake asset lifecycle engineering and network strategy investigations to improve network reliability performance on WEL’s long-life assets, working on either underground cables, overhead lines or distribution equipment.

### Reporting Structure



### Resource Accountabilities

<b>Staff numbers</b>	Nil	<b>Operating Budget</b>	Nil
<b>Capital Budget</b>	Nil	<b>Expense Authority</b>	Nil

## Performance Outputs

Key Result Areas (What/Result)	Key Tasks / Activities (How)	Performance Measures (Quantity, Quality, Time, Cost)
<p><b>To improve network performance and support the network Asset lifecycle engineering function</b></p>	<ul style="list-style-type: none"> <li>• Use whole of lifecycle engineering to:               <ul style="list-style-type: none"> <li>○ Develop and oversee programmes to ensure the ongoing efficient and effective inspection;</li> <li>○ Development of preventative and corrective maintenance strategies and plans, and</li> <li>○ Develop asset replacement programmes.</li> </ul> </li> <li>• Use and continue to develop the world leading systems that WEL has implemented to ensure asset management decisions are data driven</li> <li>• Investigate and resolve underground cable performance issues</li> <li>• Gather and interpret Fault cause data</li> <li>• Develop business cases to resolve network performance issues, including project definition documents.</li> <li>• Assist with the updating of the Asset Management Plan (AMP) and associated budgets</li> <li>• Safety in design is factored into planning</li> </ul>	<ul style="list-style-type: none"> <li>• No public safety incidents associated with our cable assets</li> <li>• Ensure optimal mix of network reliability and total cost of ownership for our cable asset</li> <li>• Ongoing development of digital twin technology</li> <li>• FMECA, Maintenance Manual and asset strategies are updated</li> <li>• Compliance with company operational procedures and protocols</li> <li>• Compliance with the PSMS</li> <li>• Support a positive, collaborative work culture which aligns with WEL's values.</li> </ul>
<p><b>Planned work delivery</b></p>	<ul style="list-style-type: none"> <li>• Monitor and follow-up on maintenance and asset renewal work handed over for delivery. Review proposed time frames and variation requests</li> </ul>	<ul style="list-style-type: none"> <li>• The planned work program is delivered within the timeframes to standard and within estimated costs</li> </ul>

	<ul style="list-style-type: none"> <li>• Assist in works prioritisation of OPEX and CAPEX Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Urgent defects are actioned to ensure safety and reliability are not impacted</li> </ul>
<p><b>To provide specialist engineering and professional support</b></p>	<ul style="list-style-type: none"> <li>• Develop Network Testing Standards and Programs to understand Network Health and inform future spend requirements</li> <li>• Develop high-level project scopes for long term network growth while meeting network security standards</li> <li>• Produce technical scoping and high-level programme schedules for major capital projects for tenders, including addressing regulatory compliance issues</li> <li>• Provide technical peer review and advice</li> <li>• Assist with technical issues relating to the Transpower interface</li> <li>• Investigate new asset technologies and non-network technology solutions</li> </ul>	<ul style="list-style-type: none"> <li>• Compliance with professional and technical standards</li> <li>• Compliance with all WEL policies, procedures, work method statements and standards</li> </ul>
<p><b>To contribute to the continuous improvement of asset management</b></p>	<ul style="list-style-type: none"> <li>• Support the E3 strategy (particularly Extract) through effective maintenance and management of network assets to deliver the optimum value over their lifecycle.</li> <li>• Support the E3 strategy (particularly Expand) through working collaboratively with the innovation and network development team.</li> <li>• While contributing to the design, planning, installation, maintenance, operation, servicing, renewal, and disposal of WEL's permanently connected Network Assets and Network Management Systems:</li> </ul>	<ul style="list-style-type: none"> <li>• Active support for objectives and outcomes as detailed is evidenced</li> <li>• WEL demonstrates excellence in asset management through retention of ISO 55001 Asset Management Standard certification</li> </ul>

	<ul style="list-style-type: none"> <li>○ Participate in Asset Management activities that align to the Asset Management Policy</li> <li>○ Contribute to the achievement of WEL’s Asset Management Objectives (as detailed in the Strategic Asset Management Plan (SAMP))</li> <li>● Support Asset Management assurance initiatives</li> </ul>	
<b>To participate and contribute to projects</b>	<ul style="list-style-type: none"> <li>● Undertake special projects for WEL when required</li> <li>● Undertake continuous improvement projects as and when required</li> </ul>	<ul style="list-style-type: none"> <li>● Achievement of agreed project measures</li> </ul>
<b>Targeting “Best in Safety”</b>	<ul style="list-style-type: none"> <li>● Promotion of good safety management practices.</li> <li>● Participation in safety and wellness activities.</li> <li>● Being a safety leader.</li> </ul>	<ul style="list-style-type: none"> <li>● WEL’s health and safety policies and procedures are adhered to at all times.</li> </ul>
<b>To work in and promote a ‘Best in Service’ attitude to all endeavours</b>	<ul style="list-style-type: none"> <li>● Engage within the business and with community / external stakeholders in a way that supports ‘Best in Service’, always.</li> </ul>	<ul style="list-style-type: none"> <li>● WEL’s reputation is enhanced in the community</li> <li>● You are known for your excellent customer service</li> </ul>

*This position description is intended as an insight to the main tasks and responsibilities required in the role and is not intended to be exhaustive. It may be subject to change, in consultation with the job holder.*

## Person Specification

<b>Qualifications</b>	<b>Essential</b>	<ul style="list-style-type: none"> <li>• Bachelor of Electrical Engineering or equivalent</li> </ul>
	<b>Desirable</b>	<ul style="list-style-type: none"> <li>• CPEng registration</li> </ul>
<b>Knowledge/Experience</b>	<b>Essential</b>	<ul style="list-style-type: none"> <li>• 3+ years' experience in power system engineering.</li> <li>• Power system modelling experience including load flow, voltage, and thermal constraint mitigation.</li> <li>• Sound analytical skills using MS Excel, VBA, etc.</li> <li>• Knowledge of relevant acts, regulations, and codes of practices.</li> </ul>
	<b>Desirable</b>	<ul style="list-style-type: none"> <li>• Experience with DER</li> <li>• Network design or planning experience</li> <li>• Knowledge of WEL's network</li> </ul>
<b>Role Specific Competencies</b>	<ul style="list-style-type: none"> <li>• <b>Integrity:</b> Demonstrates consistently high integrity, professionalism, and business ethics.</li> <li>• <b>Safe and sound:</b> Committed to a culture of safety in design, safety leadership and personal safety behaviours and practices.</li> <li>• <b>Teamwork:</b> Works co-operatively as part of the team. Actively seeks out and listens to the views and ideas of others. Shares information and knowledge freely.</li> <li>• <b>Collaboration:</b> Works with peers and others across the business to achieve win-win results, and drives behaviour to optimise business outcomes rather than department outcomes.</li> <li>• <b>Problem Solving / Critical thinking:</b> Analyses issues and breaks them down into their component parts. Able to gather a wide range of information, comprehend and make systematic and rational judgments based on relevant information.</li> <li>• <b>Achievement focused:</b> Demonstrates a readiness to make decisions, is resilient and proactive when facing difficult issues, and takes initiative and originate action.</li> <li>• <b>Communication:</b> Speaks clearly, fluently and in a compelling manner to both individuals and groups. Writes in a clear and concise manner, using appropriate grammar, style and language for the reader.</li> </ul>	

	<ul style="list-style-type: none"><li>• <b>Negotiation:</b> Listens, comprehends and empathises with parties to develop relationships and rapport with others.</li><li>• <b>Technical ability:</b> Provides high quality analysis, processes and developments using the tools provided.</li><li>• <b>Planning and Organising:</b> Organises and schedules activities and resources efficiently.</li><li>• <b>Customer focus:</b> Dedicated to providing a prompt, efficient and personalised service to clients (internal/external) and works hard to ensure that individual client needs are met.</li><li>• <b>Quality Orientation:</b> Has a very high attention to detail. Shows awareness of goals and standards. Follows through to ensure that quality and productivity standards are met.</li></ul>
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## Our Purpose

Enabling our communities to thrive

## Our Vision

To create and support an innovative and sustainable energy future

## Best in Service

So we have the trust of our community



## Best in Safety

Every Day - Home Safe



## Our Values



Agile

We listen to ideas, we explore opportunities and we adapt to changing situations with an open mind. When change is needed we make sure we understand why and we make it work. We're flexible and we respond professionally to change.



Build the business

We make sure our day to day activity is sound while exploring ways to improve the way we work or things we do. We often ask "is there a better way to do this?" and we investigate options.



Care for each other, the customer and our assets

We work as a team across the business to do things the right way. We treat others with respect, listening to their needs so we can deliver a reliable and safe service to our communities.



Do the right thing

We make decisions with integrity and when we can, we help others make the right decision for their situation. We're open, honest and trustworthy. We speak up if we feel we should and we listen to others.



Every Day - Home Safe

We lead by example to keep ourselves, our workmates and our communities safe. We use the right equipment, we challenge unsafe acts and we say no if we think it's not safe.