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WALKAWAY WIND POWER PTY LTD GENERATION LICENCE EGL 2 PERFORMANCE AUDIT ASSET MANAGEMENT REVIEW REPORT

Prepared by Kevan McGill Date 20 March 2017



John McDonald Walkaway Wind Power Pty Ltd Infigen Energy Level 22, 56 Pitt Street, Sydney NSW 2000

Dear Mr McDonald

Performance Audit & Asset Management Review Electricity Licence

The fieldwork on the performance audit of Generation Licence EGL 2 for the audit period (1 February 2013 to 31 October 2016) is complete and I am pleased to submit the report to you. The report reflects my findings and opinions.

In my opinion, the Licensee has maintained a good level of compliance with the Licensee conditions and integrity with the Licensee's reporting obligations. There is one non-compliance noted.

In my opinion, the Licensee maintained, in all material aspects, control procedures in relation to the Generation licence (EGL 2) for the audit period on the relevant clauses referred to within the scope section of this report.

In my opinion, the Licensee maintained, in all material aspects, effective control procedures and an effective asset management system in relation to the Generation licence (EGL 2) for the review period on the relevant clauses referred to within the scope section of this report. There are some improvements necessary.

Yours sincerely

Kevan McGill Director

Date 20 March 2017

CONTENTS

1 E	xecutiv	/e Summary	5
1.1	Ove	erall Conclusion	5
1.2	Sur	mmary of significant results	5
1.	.2.1	Audit	5
1.	.2.2	Asset management system review	5
1.3	Auc	dit period	5
1.4	The	e Licensee	5
1.5	Pre	vious audit non-compliances and recommendations	6
1.6	Issu	ues from current audit	7
1.	.6.1	Compliance elements requiring corrective measures	7
1.	.6.2	Opportunities for improvement	7
1.7	Pre	vious review recommendations	8
1.8	Tab	ole of Current Review Asset System Deficiencies/ Recommendations	9
		ance Audit & Asset Management System Review Performance Audit	.10
2.1		formance Audit Objectives	
2.2	Rev	view objectives	.11
2.3	Sco	ppe Limitation	.12
2.4	Inhe	erent Limitations	.12
2.5	Sta	tement of Independence	.12
2.6		ppe of the Audit	.13
2.7	Key	/ Contacts	.14
2.8	Auc	dit Requirements	.15
2.9	Ove	erall Conclusion	.16
2.10) Find	dings	.16
2.11	1 Auc	dit compliance and controls rating scales	.16
2.12	2 Auc	dit Summary	.17
2.13	3 Rev	view effectiveness	.18
2.	.13.1	Asset Management Review Effectiveness Summary	.18
2.	.13.2	Asset management system effectiveness summary	.19

2.14 Overall Conclusion	22
2.15 Establishing the Context	22
2.15.1 Audit Results and Recommendations	22
2.15.2 Compliance elements requiring Corrective measures	22
2.15.3 Suggestions for improvement	22
2.16 Detailed findings	22
2.16.1 Audit work undertaken	22
2.16.2 Further Control Strategies	23
2.17 Post Audit/ post Review Implementation plans	23
2.18 Audit/ review evidence	23
2.19 Detailed audit findings	24
2.19.1 Electricity Industry Act – Licence Conditions and Obligations	24
2.19.2 Electricity Licence – Licence Conditions and Obligations	27
2.19.3 Electricity Industry Metering Code – Licence Conditions and Obl licence condition Licence clause 5.1)	•
2.20 Asset management system review results and recommendations	42
3 Photographs	67



1 Executive Summary

This performance audit and asset management system review was conducted in accordance with the guidelines issued by the Economic Regulation Authority (ERA) for the audit period (1 February 2013 to 31 October 2016).

1.1 OVERALL CONCLUSION

In my opinion, the Licensee has maintained a good level of compliance with the licence conditions. There were no non-compliances requiring corrective actions. There are no issues with the integrity of reporting to the *ERA* or other statutory organisations.

In my opinion, the Licensee maintained, in all material aspects, effective control procedures in relation to the Generation Licence (EGL 2) for the audit period based on the relevant clauses referred to within the scope section of this report.

In my opinion, the Licensee maintained, in all material aspects, effective control procedures and an effective asset management system in relation to the Generation licence (EGL 2) for the review period on the relevant clauses referred to within the scope section of this report. There are some improvements necessary.

1.2 SUMMARY OF SIGNIFICANT RESULTS

1.2.1 **AUDIT**

There is one non-compliance.

1.2.2 ASSET MANAGEMENT SYSTEM REVIEW

There are no issues that are required to improve the effectiveness of the asset management system.

1.3 AUDIT PERIOD

This audit covers the period 1 February 2013 to 31 October 2016. The previous audit/review period was 1 February 2010 to 31 January 2013.

1.4 THE LICENSEE

Walkaway Wind Power (WWP) holds an Electricity Generation Licence (EGL 2) issued by the Economic Regulation Authority under the Electricity Industry Act 2004. This performance audit was conducted in accordance with the guidelines issued by the Economic Regulation Authority (ERA) to assess WWP's level of compliance with the licence conditions.

Walkaway Wind Farm (WWF) is located at Walkaway, near Geraldton, in Western Australia. The plant is owned by Walkaway Wind Power P/L (Infigen Energy Ltd (Infigen) and operated by Vestas Australian Wind Technology Pty Ltd (Vestas) which has been contracted to provide the operation and maintenance services.

The records and areas covered by the Licence were inspected and interviews were also held with key personnel at the Walkaway licence area.

1.5 PREVIOUS AUDIT NON-COMPLIANCES AND RECOMMENDATIONS

There are no issues from previous audit.

Table of	Previous Non-Complian	ces and Audit R	ecommend	ations
A. Re	solved before end of prev	ious audit period		
Reference (no./year)	(Compliance rating/ Legislative Obligation/ details of the issue)	Auditors' Recommendation	Date Resolved	Further action required (Yes/No/Not Applicable) Details of further action required including current recommendation reference if applicable
B. Re	solved during current Auc	lit period		
Reference (no./year)	(Compliance rating/ Legislative Obligation/ details of the issue)	Auditors' Recommendation	Date Resolved	Further action required (Yes/No/Not Applicable) Details of further action required including current recommendation reference if applicable
Unres	colved at end of current Audi	t period		
Reference (no./year)	(Compliance rating/ Legislative Obligation/ details of the issue)	Auditors' Recommendation	Date Resolved	Further action required (Yes/No/Not Applicable) Details of further action required including current recommendation reference if applicable

Opportunities for Improvement (2013)

Resolve	d before end of previous	audit period		
Reference (no./year)	(Compliance rating/ Legislative Obligation/ details of the issue)	Auditors' Recommendation	Date Resolved	Further action required (Yes/No/Not Applicable) Details of further action required including current recommendation reference if applicable
Unresolv	ved at end of current Au	dit period		
Reference (no./year)	(Compliance rating/ Legislative Obligation/ details of the issue)	Auditors' Recommendation	Date Resolved	Further action required (Yes/No/Not Applicable) Details of further action required including current

		recommendation reference if applicable

1.6 ISSUES FROM CURRENT AUDIT

There is one issue from current audit.

1.6.1 COMPLIANCE ELEMENTS REQUIRING CORRECTIVE MEASURES

The actions requiring corrective measures are:

Resol	ved during current Audit period			
Reference (no./year)	Non-Compliance/Controls improvement (Rating / Legislative Obligation / Details of Non Compliance or inadequacy of controls)	Date Resolved (& management action taken)	Auditors comments	
Unres	 olved at end of current Audit perio	od		
Reference (no./year)	Non-Compliance/Controls improvement (Rating / Legislative Obligation / Details of Non Compliance or inadequacy of controls)	Auditors' Recommendation	Management action taken by end of Audit period	
1/2016 105	B2 Electricity Industry Act section 17(1) Licensing Fees must be paid on time	Implement controls process to prevent non-compliance	To be completed by mid 2017	

1.6.2 OPPORTUNITIES FOR IMPROVEMENT

Table of Cu	Table of Current Audit Non-Compliances/Recommendations						
Unresolved	Unresolved at end of current Audit period						
Reference (no./year)	Non-Compliance/Controls improvement (Rating / Legislative Obligation / Details of Non Compliance or inadequacy of controls)	Auditors' Recommendation	Management action taken by end of Audit period				

1.7 PREVIOUS REVIEW RECOMMENDATIONS

Recommendations from last review (2013):

Previous review ineffective components recommendations

Table of Previous Review Ineffective Components Recommendations						
A. Res	A. Resolved before end of previous review period					
Reference (no./year)	(Asset management effectiveness rating/ Asset Management System Component & Criteria / details of the issue)	Auditors' Recommendation or action taken	Date Resolved	Further action required (Yes/No/Not Applicable) & Details of further action required including current recommendation reference if applicable		

Reference (no./year)	(Asset management effectiveness rating/ Asset Management System Component & Criteria / details of the issue)	Auditors' Recommendation	Date Resolved	Further action required (Yes/No/Not Applicable) & Details of further action required including current recommendation reference if applicable
C. Unro	esolved at end of current R	eview period		
Reference (no./year)	(Asset management effectiveness rating/ Asset Management System Component & Criteria / details of the issue)	Auditors' Recom	mendation	Further action required (Yes/No/Not Applicable) & Details of further action required

1.8 TABLE OF CURRENT REVIEW ASSET SYSTEM DEFICIENCIES/ RECOMMENDATIONS

Resolv	ved during current Review pe	riod	
Reference (no./year)	Asset System Deficiency (Rating/ Asset Management System Component & Effectiveness Criteria / Details of Asset System Deficiency)	Date Resolved (& management action taken)	Auditors comments
_			
Unres	lolved at end of current Revie	w period	
Reference (no./year)	Asset System Deficiency (Rating/ Asset Management System Component & Effectiveness Criteria / Details of Asset System Deficiency)	Auditors Recommendation	Management action taken by end of audit period
	50.	34.	

2 PERFORMANCE AUDIT & ASSET MANAGEMENT SYSTEM REVIEW PERFORMANCE AUDIT OBJECTIVES

2.1 PERFORMANCE AUDIT OBJECTIVES

Under section 13 of the *Electricity Industry Act 2004* (the Act), it is a requirement that every licensee provide the Economic Regulation Authority (ERA) not less than once in every period of 2 years or longer as the ERA allows with a performance audit conducted by an independent expert acceptable to the ERA.

The primary objective of the audit is to audit the effectiveness of measures taken by the Licensee to maintain quality and performance standards. The Act states a performance audit is an audit of the effectiveness of measures taken by the Licensee to meet the performance criteria specified in the licence. The licence states that performance standards are contained in applicable legislation. Performance criteria are defined in the licence as:

- (a) the terms and conditions of the licence; and
- (b) any other relevant matter in connection with the applicable legislation that the ERA determines should form part of the audit.

The licence also provides for individual licence conditions namely - the *ERA* may prescribe individual performance standards in relation to the Licensee of its obligations under this licence or the applicable legislation (the Act and subordinate legislation).

The audit and review are to be conducted in accordance with the prevailing ERA documents "Audit Guidelines: Electricity Gas and Water Licence (hereinafter "Guidelines")¹ and the Electricity Compliance Reporting Manual (hereinafter "Manual")². In particular, the Manual identifies each licence condition and resolves it into a number of obligations (hereinafter "Obligations"), each of which is to be addressed individually by the audit.

The Licensee appointed McGill Engineering Services Pty Ltd to conduct the audit of its Generation Licence with approval from the ERA. A preliminary assessment was conducted with the Licensee's management to determine the inherent risk and the state of control for each compliance element of the Licence obligation. McGill Engineering Services Pty Ltd then prioritised the audit coverage based on the risk profile of the Licensee with an emphasis on providing greater focus and depth of testing for areas of higher risk to provide reasonable assurance that the Licensee had complied with the standards, outputs and outcomes under the Licence obligations.

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¹ Economic Regulation Authority: Audit and Review Guidelines: Electricity and Gas Licences April 2014

² Economic Regulation Authority: Electricity Compliance Reporting Manual September 2014. The audit period was covered by the 2013 manual for a period and the 2014 manual for the majority of the audit period. The are no items in the 2013 manual that are not in the 2014 manual and the 2014 manual is used for the audit. The 2016 manuals have no impact on the Licensee other than item 105 which can accommodate the change in licensing fees.

The audit was conducted in a manner consistent with Australian Auditing Standards (AUS) 808 "Planning Performance Audits" and AUS 806 "Performance Auditing". McGill Engineering Services Pty Ltd evaluated the adequacy and effectiveness of the controls and performance by the Licensee relative to the standards referred in the Generation Licence through a combination of enquiries, examination of documents and detailed testing for Generation Licence EGL 2 for the Licensee.

2.2 REVIEW OBJECTIVES

Under the *Electricity Industry Act 2004* (the Act) section 14, the holder of a Generation License must develop an Asset Management Plan and maintain an asset management system to manage the assets accordingly for delivery of a reliable service to its customers. The Act requires a review of the asset management system every two years (or other time approved by the ERA).

This report is an impartial review of the Licensee's asset management effectiveness under the Review Guidelines: Electricity, Gas and Water Licences published by the ERA.

The review conducted between December 2016 to February 2017 examined the asset management processes used by the Licensee in delivering the services to its customers. These services include lifecycle processes for:

- Asset planning;
- Asset creation/acquisition;
- Asset disposal;
- Environmental analysis;
- Asset operations;
- Asset maintenance;
- Asset management information system (AMIS);
- Risk management;
- Contingency planning;
- Financial planning;
- · Capital expenditure planning; and
- Review of the asset management system.

As well as the processes, the asset management supporting systems were tested as to their use and effectiveness. Data used by the Licensee was also examined with respect to its effectiveness for asset management and the delivery of outcomes.

Tests were undertaken through interviews and investigation of the processes to assess whether they were being performed as documented.

The Licensee appointed McGill Engineering Services Pty Ltd to conduct the review of its Generation Licence with approval from the ERA. A preliminary assessment was conducted with the Licensee's management to determine the inherent risk and the state of control for each compliance element of the Licence obligation. McGill Engineering Services Pty Ltd then prioritised the review coverage based on the risk profile of the

Licensee with an emphasis on providing greater focus and depth of testing for areas of higher risk to provide reasonable assurance that the Licensee had complied with the standards, outputs and outcomes under the Licence obligations.

The review was conducted in a manner consistent with ASAE 3000 Assurance standard for engagements to audit other than historical financial information. McGill Engineering Services Pty Ltd evaluated the adequacy and effectiveness of the controls and performance by the Licensee relative to the standards referred in the Generation Licence through a combination of enquiries, examination of documents and detailed testing for Electricity Generation Licence EGL 2 for Walkaway Wind Power Pty Ltd (WWP).

2.3 SCOPE LIMITATION

The review was undertaken by examination of documents, interviews with key persons and observations and is not a detailed inspection of physical items.

2.4 INHERENT LIMITATIONS

Because of the inherent limitations of any internal control structure, it is possible that fraud, error or non-compliance with laws and regulations may occur and not be detected.

An audit is not designed to detect all weaknesses in compliance measures as an audit is not performed continuously throughout the period and the audit procedures performed on the compliance measures are undertaken on a test basis.

Any projection of the evaluation of the operating licences to future periods is subject to the risk that the compliance measures in the plans may become inadequate because of changes in conditions or circumstances, or that the degree of compliance with them may deteriorate.

The audit opinion expressed in this report has been formed on the above basis.

2.5 STATEMENT OF INDEPENDENCE

To the best of my knowledge and belief, there is no basis for contraventions of any professional code of conduct in respect of the audit.

I have not done or contemplate undertaking any other work with the Licensee.

There are no independence threats due to:

- self-interest as the audit company or a member of the audit team have no financial or non-financial interests in the Licensee or a related entity;
- self-review no circumstance has occurred:
 - where the audit company or a member of the audit team has undertaken other non-audit work for the Licensee that is being evaluated in relation to the audit/review; or

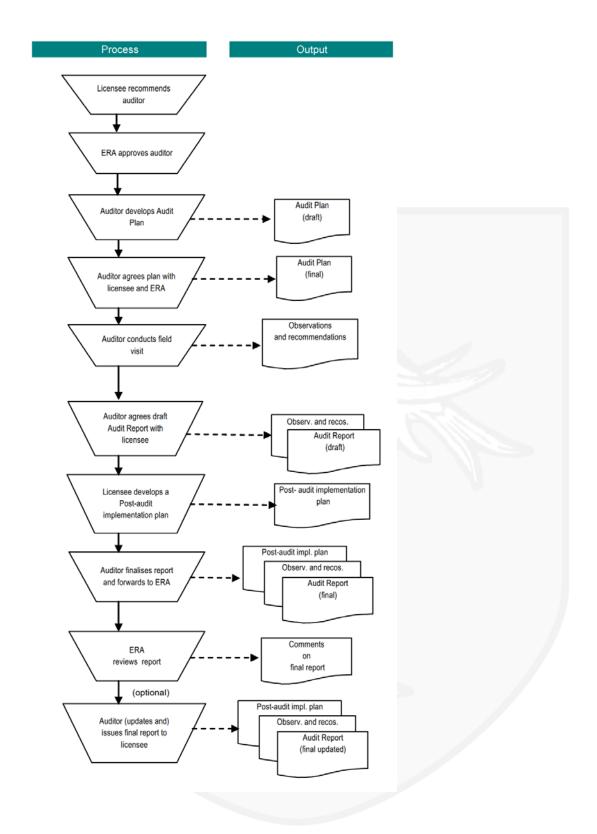
- when a member of the audit team was previously an officer or director of the Licensee; or
- where a member of the audit team was previously an employee of the Licensee who was in a position to exert direct influence over material that will be subject to audit during an audit/review.

There is no risk of a self-review threat as:

- no work has been undertaken by the auditor, or a member of the audit/review team, for the Licensee within the previous 24 months; or
- the auditor is currently undertaking for the Licensee; or
- the auditor has submitted an offer, or intends to submit an offer, to undertake for the Licensee within the next 6 months; and
- there is no close family relationship with a Licensee, its directors, officers or employees, and
- the auditor is not, nor is perceived to be too sympathetic to the Licensee's interests.

2.6 SCOPE OF THE AUDIT

The audit was conducted in accordance with flow chart:



2.7 KEY CONTACTS

The key contacts were:

- Licensee: The licensee's key people are
 - o John McDonald, GM Energy Market Operations, Infigen Energy Pty Ltd

- o Igor Brandao, Operations Manager, Infigen Energy Pty Ltd
- o Jillian Searant, HSE Manager, Infigen Energy Pty Ltd
- o Claudia Williams, Operations Engineer, Infigen Energy Pty Ltd
- Broughen Richardson, Team Assistant, Energy Markets and Operations, Infigen Energy Pty Ltd
- Grant Gleeson, Area Service Manager, Vestas Australian Wind Technology P/L
- Greg McInerney, Site Supervisor (Site / Ops Manager), Vestas Australian Wind Technology P/L
- Simon Williams, Site Supervisor (Site / Ops Manager), Vestas Australian Wind Technology P/L
- McGill Engineering Services Pty Ltd:
 - Kevan McGill, John McLoughlin.

The wind farm at Walkaway was visited. Kevan McGill spent about 150 hours and John McLoughlin 50 hours on the audit/review

2.8 AUDIT REQUIREMENTS

Compliance with licence conditions was examined according to the likely inherent risk and the adequacy of controls to manage that risk.

Nature of audit work conducted

The audit considered:

- o **process compliance** the effectiveness of systems and procedures in place throughout the audit period, including the adequacy of internal controls;
- o **outcome compliance** the actual performance against standards prescribed in the licence throughout the audit period;
- o **output compliance** the existence of the output from systems and procedures throughout the audit period (that is, proper records exist to provide assurance that procedures are being consistently followed and controls are being maintained);

and audit

- o **integrity of reporting** the completeness and accuracy of the compliance and performance reports provided to the ERA; and
- compliance with any individual licence conditions the requirements imposed on the specific licensee by the ERA or specific issues that are advised by the ERA.

Stage	Auditor	Standard
1. Risk & Materiality	K McGill	ASA 300 Planning
Assessment Outcome	John	ASA 315: Risk Assessments and
- Operational/	McLoughlin	Internal Controls
Performance Audit		ASAE 3000 Assurance standard for
Plan		engagements to audit other than
		historical financial information
		AS/NZS 4360:2004: Risk Management
		ERA Guidelines
2. System Analysis	K McGill	AUS 810: Special Purpose Reports on
	John	Effectiveness of Control Procedures
	McLoughlin	
3. Fieldwork	K McGill	AUS 502: Audit Evidence
Assessment and	John	ASAE 3000 Assurance standard for
testing of;	McLoughlin	engagements to audit other than
 The control 		historical financial information
environment		
 Information system 		(0.1)
 Compliance 		
procedures		14984
 Compliance attitude 		
4. Reporting	K McGill	ASA 300 Planning
713	John	ASAE 3000 Assurance standard for
	McLoughlin	engagements to audit other than
1 12	3	historical financial information
7).(

2.9 OVERALL CONCLUSION

In my opinion, the Licensee maintained, in all material aspects, effective control procedures in relation to the Generation licence EGL 2 for the audit period based on the relevant clauses referred to within the scope section of this report.

There is one non-compliance that required corrective actions.

2.10 FINDINGS

The conclusions of each of the elements of the licence are summarised in the following table. The audit risk as determined for each licence condition is also shown. The details of the audit can be seen in detailed findings on Page 24.

2.11 AUDIT COMPLIANCE AND CONTROLS RATING SCALES

Performance audit compliance and controls rating scales						
Adequ	acy of Controls Rating	Compliance Rating				
Rating	Description	Rating Description				
А	Adequate controls - no improvement needed	1	Compliant			

В	Generally adequate controls – improvement needed	2	Non-compliant – minor impact on customers or third parties
С	Inadequate controls -significant improvement required	3	Non-compliant – moderate impact on customers or third parties
D	No controls evident	4	Non-compliant – major impact on customers or third parties
NP	Not performed	NR	Not Rated

2.12 AUDIT SUMMARY

Licence Clause/Con (CI.=clause, Sch (CI.=clause, Sch CI.=clause, Sch Dbligations und CI.=clause, Sch Type (G - Ger Type (G - Ger Type (G - Ger Type (G - Ger Type (MP=Not Performed)) Compliance Rating (NR = Not Rated)

Licence Conditions – Licence Clause – Generation						Priority Adequacy of controls rating				Compliance Rating				
Obligations- Electricity Industry Act Section					Α	В	С	D	NP	1	2	3	4	NR
14.1	s ³ 13(1)	G	NR	5	✓					✓				
20.1	s14(1)(a)	G	NR	5	✓					✓				
20.2 &20.3	s14(1)(b)	G	2	4	✓					✓				
20.4	s14(1)(c)	G	NR	5	√					✓				
4.1	s17(1)	G	2	4		✓					✓			
5.1	s31(3)	G	NR	5	1					✓				
5.1	s41(6)	G	2	4					√					✓
	ation 14.1 20.1 20.2 &20.3 20.4 4.1 5.1	ation 14.1 s ³ 13(1) 20.1 s14(1)(a) 20.2 s14(1)(b) &20.3 20.4 s14(1)(c) 4.1 s17(1) 5.1 s31(3)	ation tions- Electricity Industry Act 5 14.1	ation tions- Electricity Industry Act Section 14.1	ation tions- Electricity Industry Act Section 14.1	ation tions- Electricity Industry Act Section A 14.1	ation tions- Electricity Industry Act Section A B 14.1	ation tions- Electricity Industry Act Section	ation tions- Electricity Industry Act Section A B C D 14.1 s³313(1) G NR 5 20.1 s14(1)(a) G NR 5 20.2 s14(1)(b) G 2 4 &20.3 20.4 s14(1)(c) G NR 5 4.1 s17(1) G 2 4 5.1 s31(3) G NR 5	ation tions- Electricity Industry Act Section	ation tions- Electricity Industry Act Section A B C D NP 1 14.1 s³13(1) G NR 5 20.1 s14(1)(a) G NR 5 20.2 s14(1)(b) G 2 4 20.4 s14(1)(c) G NR 5 20.4 s14(1)(c) G NR 5 4.1 s17(1) G 2 4 5.1 s31(3) G NR 5	ation tions- Electricity Industry Act Section A B C D NP 1 2 14.1 s³13(1) G NR 5 20.1 s14(1)(a) G NR 5 20.2 s14(1)(b) G 2 4 20.4 s14(1)(c) G NR 5 20.4 s17(1) G 2 4 5.1 s31(3) G NR 5	ation tions- Electricity Industry Act Section A B C D NP 1 2 3 14.1 s ³ 13(1) G NR 5	ation tions- Electricity Industry Act Section A B C D NP 1 2 3 4 14.1 s³13(1) G NR 5

Liceno Act Se		Priority Adequacy of controls rating				Compliance Rating									
Obligations- Licence Clause – Generation					Α	В	С	D	NP	1	2	3	4	NR	
119.	s11	12.1	G	2	4	✓					✓				
120.	s11	13.4	G	2	4					✓					✓
121.	s11	14.2	G	2	4	✓					✓				
122.	S22	20.5	G	2	4	√					√				
123.	s11	15.1	G	2	4					✓					✓
124.	s11	16.1	G	2	4	✓					✓				
125.	s11	17.1&17.2	G	2	4					✓					✓

 $^{^3}$ s = Section of Act

Licence Conditions – Electricity Industry					Priority	Adequacy of					Compliance Rating				
Act Section						con	trols	ratir	ng						
Obliga	ations- Lice	ence Clau	ıse – Gei	neration		Α	В	С	D	NP	1	2	3	4	NR
126.	s11	18.1	G	2	4	✓					✓				

Licence Conditions – Licence clause Obligations- Electricity Industry Metering					Priority	Priority Adequacy of controls rating				Compliance Rating					
Code Clause						Α	В	С	D	NP	1	2	3	4	NR
324.	5.1	3.3B	G	2	5					✓					✓
339.	5.1	3.11(3)	G	2	5					✓					✓
364	5.1	3.27	G	2	4					✓					✓
371.	5.1.	4.4(1)	G	NR	5					✓					✓
372.	5.1	4.5(1)	G	NR	5					✓					✓
373	5.1	4.5(2)	G	2	4					✓					✓
388.	5.1	5.4(2)	G	2	4					✓					✓
401.	5.1	5.16	G	2	4					✓					✓
402.	5.1	5.17(1)	G	2	4					✓					✓
405.	5.1	5.18	G	2	4					✓					✓
406.	5.1	5.19(1)	G	NR	5		100			✓					✓
407	5.1	5.19(2)	G	NR	5		1			✓		_			✓
408.	5.1	5.19(3)	G	2	4					√					✓
410.	5.1	5.19(6)	G	NR	5				,	1					✓
416.	5.1	5.21(5)	G	2	4					1					✓
417.	5.1	5.21(6)	G	2	4					√					✓
435.	5.1	5.27	G	2	4					√					✓
448.	5.1	6.1(2)	G	2	4			1	//	1					√
451.	5.1	7.2(1)	G	NR	4					√					√
453.	5.1	7.2(4)	G	2	4					✓					✓
454.	5.1	7.2(5)	G	2	4					✓					✓
455.	5.1	7.5	G	2	5					✓					✓
456.	5.1	7.6(1)	G	2	5					✓					✓
457.	5.1	8.1(1)	G	NR	5					✓					✓
458.	5.1	8.1(2)	G	NR	4					✓					✓
459.	5.1	8.1(3)	G	NR	5					✓					✓
460.	5.1	8.1(4)	G	2	5					✓					✓
461.	5.1	8.3(2)	G	NR	5					✓					✓

2.13 REVIEW EFFECTIVENESS

2.13.1 ASSET MANAGEMENT REVIEW EFFECTIVENESS SUMMARY

The overall effectiveness rating for each asset management process is based on the combination of the process and policy adequacy rating and the performance rating.

Asset management process and policy definition adequacy rating

Rating	Description	Criteria
A	Adequately defined	 Processes and policies are documented. Processes and policies adequately document the required performance of the assets. Processes and policies are subject to regular reviews, and updated where necessary. The asset management information system(s) are adequate in relation to the assets that are being managed.
В	Requires some improvement	 Process and policy documentation requires improvement. Processes and policies do not adequately document the required performance of the assets. Reviews of processes and policies are not conducted regularly enough. The asset management information system(s) require minor improvements (taking into consideration the assets that are being managed).
С	Requires significant improvement	 Process and policy documentation is incomplete or requires significant improvement. Processes and policies do not document the required performance of the assets. Processes and policies are significantly out of date. The asset management information system(s) require significant improvements (taking into consideration the assets that are being managed).
D	Inadequate	 Processes and policies are not documented. The asset management information system(s) is not fit for purpose (taking into consideration the assets that are being managed).

Asset management performance ratings

Rating	Description	Criteria
1	Performing effectively	 The performance of the process meets or exceeds the required levels of performance. Process effectiveness is regularly assessed, and corrective action taken where necessary.
2	Opportunity for improvement	 The performance of the process requires some improvement to meet the required level. Process effectiveness reviews are not performed regularly enough. Process improvement opportunities are not actioned.
3	Corrective action required	 The performance of the process requires significant improvement to meet the required level. Process effectiveness reviews are performed irregularly, or not at all. Process improvement opportunities are not actioned.
4	Serious action required	 Process is not performed, or the performance is so poor that the process is considered to be ineffective.

2.13.2 ASSET MANAGEMENT SYSTEM EFFECTIVENESS SUMMARY

ASSET MANAGEMENT SYSTEM COMPONENT & EFFECTIVENESS CRITERIA	Asset management process and policy definition adequacy rating	Asset management performance rating
1 Asset planning	Α	NR

1.1	Accet management plan covers the key requirements	Λ	NR
	Asset management plan covers the key requirements Planning process and objectives reflect the needs of all	A	
1.2	stakeholders and is integrated with business planning	Α	NR
1.3	Service levels are defined	^	1
-		Α	<u> </u>
1.4	Non-asset options (e.g. demand management) are considered	Α	
1.5	Lifecycle costs of owning and operating assets are assessed	Α	1
1.6	Funding options are evaluated	Α	NR
1.7	Costs are justified and cost drivers identified	Α	NR
1.8	Likelihood and consequences of asset failure are predicted	A	1
1.9	Plans are regularly reviewed and updated	A	1
2.	Asset creation and acquisition	NP	NR
2.1	Full project evaluations are undertaken for new assets,	NP	NR
	including comparative assessment of non-asset solutions ☐		
2.2	Evaluations include all life-cycle costs	NP	NR
2.3	Projects reflect sound engineering and business decisions	NP	NR
2.4	Commissioning tests are documented and completed	Α	NR
2.5	Ongoing legal/environmental/safety obligations of the asset	Α	NR
_	owner are assigned and understood		
3.	Asset disposal	NP	NR
3.1	Under-utilised and under-performing assets are identified as	NP	NR
	part of a regular systematic review process		
3.2	The reasons for under-utilisation or poor performance are	NP	NR
	critically examined and corrective action or disposal		
	undertaken		
3.3	Disposal alternatives are evaluated	NP	NR
3.4	There is a replacement strategy for assets	NP	NR
4.	Environmental analysis	Α	1
4.1	Opportunities and threats in the system environment are assessed	Α	1
4.2	Performance standards (availability of service, capacity	Α	1
	continuity, emergency response, etc.) are measured and		
	achieved		
4.3	Compliance with statutory and regulatory requirements	Α	1
4.4	Achievement of customer service levels ☐	Α	1
5	Asset operations	Α	1
5.1	Operational policies and procedures are documented and	Α	1
"	linked to service levels required		·
5.2	Risk management is applied to prioritise operations tasks	NP	NR
5.3	Assets are documented in an Asset Register including asset	Α	İ
	type, location, material, plans of components, an assessment		
	of assets' physical/structural condition and accounting data		
5.4	Operational costs are measured and monitored	A	!
5.5	Staff resources are adequate and staff receive training	А	!
L	commensurate with their responsibilities		
6	Asset maintenance	Α	1
6.1	Maintenance policies and procedures are documented and	A	1
1	linked to service levels required		
6.2	Regular inspections are undertaken of asset performance and condition	А	1
6.3	Maintenance plans (emergency, corrective and preventative)	Α	1
	are documented and completed on schedule		
6.4	Failures are analysed and operational/maintenance plans adjusted where necessary	Α	1
6.5	Risk management is applied to prioritise maintenance tasks	Α	1
6.6	Maintenance costs are measured and monitored	Α	1
7	Asset Management Information System (MIS)	Α	1
7.1	Adequate system documentation for users and IT operators	A	1
7.1	Adoquate 333tom documentation for docidation operators	, N	i

7.2	Input controls include appropriate verification and validation of data entered into the system	A	1
7.3	Logical security access controls appear adequate, such as passwords	А	1
7.4	Physical security access controls appear adequate	Α	1
7.5	Data backup procedures appear adequate and backups are tested	Α	1
7.6	Key computations related to Licensee performance reporting are materially accurate	Α	1
7.7	Management reports appear adequate for the Licensee to monitor licence obligations	А	1
8	Risk management	Α	1
8.1	Risk management policies and procedures exist and are being applied to minimise internal and external risks associated with the asset management system	А	1
8.2	Risks are documented in a risk register and treatment plans are actioned and monitored	А	1
8.3	The probability and consequences of asset failure are regularly assessed	Α	1
9	Contingency planning	Α	1
9.1	Contingency plans are documented, understood and tested to confirm their operability and to cover higher risks	Α	1
10	Financial planning	Α	1
10.1	The financial plan states the financial objectives and strategies and actions to achieve the objectives	Α	1
10.2		Α	1
10.3	The financial plan provides projections of operating statements (profit and loss) and statement of financial position (balance sheets)	Α	1_1_
104	The financial plan provides firm predictions on income for the next five years and reasonable indicative predictions beyond this period	А	1
10.5	The financial plan provides for the operations and maintenance, administration and capital expenditure requirements of the services	А	1
10.6	Significant variances in actual/budget income and expenses are identified and corrective action taken where necessary	Α	1
11	Capital expenditure planning	Α	NR
11.1	There is a capital expenditure plan that covers issues to be addressed, actions proposed, responsibilities and dates	Α	NR
11.2	The plan provides reasons for capital expenditure and timing of expenditure	А	Nr
11.3	The capital expenditure plan is consistent with the asset life and condition identified in the asset management plan	Α	1
11.4	There is an adequate process to ensure that the capital expenditure plan is regularly updated and actioned	А	1
12	Review of AMS	Α	1
12.1	A review process is in place to ensure that the asset management plan and the asset management system	А	1
2.2	described therein are kept current Independent reviews (e.g. internal audit) are performed of the asset management system	А	1
	associating of the control of the co		

2.14 OVERALL CONCLUSION

In my opinion, the Licensee maintained, in all material aspects, effective control procedures and an effective asset management system in relation to the Generation licence (EGL 2) for the review period on the relevant clauses referred to within the scope section of this report.

2.15 ESTABLISHING THE CONTEXT

The key legislation that governs the licensing of providers of Electricity is the Electricity Industry Act 2004. In turn, the compliance elements in the organization's Operating Licence were examined and referred to throughout the audit process.

2.15.1 AUDIT RESULTS AND RECOMMENDATIONS

Summary of significant results

There is one non-compliance.

2.15.2 COMPLIANCE ELEMENTS REQUIRING CORRECTIVE MEASURES

There is one issue requiring corrective action (items 105).

2.15.3 SUGGESTIONS FOR IMPROVEMENT

There are no suggestions for improvement.

2.16 DETAILED FINDINGS

The following sets out the audit findings

2.16.1 AUDIT WORK UNDERTAKEN

We conducted interviews and enquiries to:

- Understand the control environment by determining the responsibility matrix and key control points
- · Obtain the policies and procedures for managing licensed areas; and
- Identify the information systems and processes employed to manage licensed areas
- Determine the level of understanding of the systems and processes for managing licensed areas

• In reviewing the procedures and protocols for managing provision of services within a licensed area, where applicable, we obtained flowcharts of the processes and assessed the reasonableness of the decision matrix and the adequacy of the control points implemented by the Licensee.

2.16.2 FURTHER CONTROL STRATEGIES

The Licensee has compliance manual to assist compliance with regulatory items and a risk register.

2.17POST AUDIT/ POST REVIEW IMPLEMENTATION PLANS

The Licensee will provide to the ERA a post-audit and post-review implementation plan, with the audit or review report.

2.18AUDIT/ REVIEW EVIDENCE

The following was considered in the audit.

- Generation Licence V3
- Licence fee invoice /receipts
- ERA annual compliance returns
- Alinta / Vestas Service agreement
- Safety, Reliability, Maintenance and Technical Management plan
- Infigen Risk Management policy
- ETAC with Western Power
- Infigen Australian Business Strategy April 2012 (Asset Mgt Extracts)
- Asset Policy
- Alinta/Walkaway FY13 Asset Management Plan
- Plant Risk Register
- Vestas Monthly Reports
- Tool box minutes
- Bird strike JIRA reports
- Alinta JIRA screen shots
- Infigen Monthly Performance Reports
- WWP statutory accounts
- WWP 5 Year financial plan
- Safety Reliability Maintenance & Technical Management Plan Alinta Wind farm (SRMTMP)
- Risk planning information
- Directors approval of Annual reports notes
- Training certificates
- Operations Plant register
- Ops and Asset management risk register

2.19 DETAILED AUDIT FINDINGS

The following sets out the audit findings

2.19.1 ELECTRICITY INDUSTRY ACT – LICENCE CONDITIONS AND OBLIGATIONS

Item 101	Adequacy of	Compliance rating					
Generation Licence condition 14.1	controls rating A	1					
Licence: Generation	17.						
Electricity Industry Act section 13(1)							
A Licensee must, not less than once every	24 months, provide	the ERA with a					
performance audit conducted by an inde	pendent expert acce	ptable to the ERA.					
Observations							
Documents ☑ Compliance ☑							
Evidence: interviewed John McDonald, Igor Bra staff. Documents: The Licensee contracted with documents were forwarded to the ERA as part o approval from the ERA for audit scope and appo	the auditor to carry out t f the approval of the audi	he audit. The					
Process 🗹 Outcome 🗹 Output	☑ Reporting ☑	Compliance 🗹					
The Licensee contracted with the auditor to carry last audit met the requirements.	y out the audit to meet the	e requirements. The					
Issues	7).\						
None							
Recommendations							
None							
Item 102	Adequacy of controls	Compliance rating					
Generation Licence condition 20.1	rating A	1					
Licence: Generation							
Electricity Industry Act section 13(1)							
A Licensee must provide for an asset man	agement system.						
Observations							
Documents ☑ Compliance ☑							
Evidence: interviewed John McDonald, Igor Brandao, Grant Gleeson, Site supervisor, listed staff. Documents: Include, Site Service agreement, Risk management policy, SAP, Jira Screen shots, Asset Register, Environmental management plans, Spares List, WWP Financial reports, Annual compliance returns, Licence fees payment details, WTG layout plans,							
Process ☑ Outcome ☑ Output	☑ Reporting ☑	Compliance ☑					
The Licensee has an asset management system. A copy of the asset management plan was							
obtained, and maintenance systems reviewed at site. These included maintenance planning							
modules in SAP supported by Jira and Vestas SCADA (Vestas Business on line)and spreadsheets. The asset management system includes time based and conditioned based							
maintenance. The review examined the efficacy of the asset management system.							
Issues							
None							
Recommendations							
None							

1		I o " "	
Item 103	Adequacy of controls	Compliance rating	
Generation Licence condition 20.2 &	rating		
20.3	A	1	
Licence: Generation	•	·	
Electricity Industry Act section 13(1)			
A Licensee must notify details of the ass	et management sys	tem and any	
substantial changes to it to the ERA.	,	•	
Observations			
Documents ☑ Compliance ☑			
Evidence: interviewed John McDonald, Igor Bi staff. Documents: Include The asset managem review.	nent system was exami		
Process ☑ Outcome ☑ Output		☑ Compliance 🛭 🖸	
In the licence application, the asset management been no substantial changes that required notif		to the ERA. There have	е
Issues			
None	1000		
Recommendations			
None	11/2: -		
Item 104	dequacy of Co	mpliance rating	
Generation Licence condition 20.4 CC	ontrols rating 1		
Licence: Generation	·		
Electricity Industry Act section 14(1)(c)			
A Licensee must provide the ERA with a	report by an indepe	endent	
expert as to the effectiveness of its asse			
months, or such longer period as deterr	•		
Observations	miled by the Little		П
Documents ☑ Compliance ☑			
Evidence: interviewed John McDonald, Igor Bi	randao, Grant Gleeson.	Site	
supervisor, listed staff. Documents: Include, A	sset Management Plan	Approval and	
Appointment letters for current review.			
Process 🗹 Outcome 🗹 Output 🖪	☑ Reporting ☑ C	ompliance 🗹	7
The Licensee contracted McGill Engineering S	ervices, with approval of	f the ERA, for	
the review in accordance with the requirements	and the review plan do		
been forwarded to the ERA as part of approval	of the auditor.		
Issues			
None			

Item 105 Generation Licence condition 4.1	Adequacy of controls rating B	Compliance rating 2
Licence: Generation		
Electricity Industry Act section 17(1)		

Recommendations

None

A licensee must pay the prescribed licen	ce fees to the ERA ac	cording to clauses	
6,7 and 8 of the Economic Regulation Authority (Licensing Funding) Regulations 2014.			
Observations			
Documents ☑ Compliance 🗵			
Evidence: interviewed John McDonald, Igor Bra	andao. Grant Gleeson. S	Site supervisor, listed	
staff. Documents: Include invoices and receipts		, , , , , , , , , , , , , , , , , , , ,	
Process 🗵 Outcome 🗵 Output	☑ Reporting ☑	Compliance	
Not all fees were paid on time e.g. the 2016 ann			
date was a Saturday and the Interpretation Act		nt on the Monday 29	
Feb 2016 but was paid on 1 March 2016 so it w	as still late.		
Payment of fees was late. Recommendations			
Implement controls process to prevent non-com	ipliance.		
600	6.0		
Item 106	Adequacy of controls	Compliance rating	
Generation Licence condition 5.1	rating A	1	
Licence: Generation	11(5:12)		
Electricity Industry Act section 31(3)	11.		
A Licensee must take reasonable steps to	minimise the extent	or duration of any	
interruption, suspension or restriction o			
accident, emergency, potential danger of		N - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Observations			
Documents ☑ Compliance ☑			
Documents ☑ Compliance ☑ Evidence: interviewed John McDonald, Igor Bra	andan Grant Gleeson S	tita suparvisor listad	
staff. Documents: Include incident log.	andao, Orant Oleeson, o	ille Supervisor, listeu	
Process 🗹 Outcome 🗹 Output	☑ Reporting ☑	Compliance 🗹	
There have been no total generation interruption			
Western Power resulting in reduced output. All	interruptions were minim	ized.	
Issues			
None.			
Recommendations			
None.			
None.			
Item 107	Adequacy of controls	Compliance rating	
Generation Licence condition 5.1	rating Not Performed	Not Rated	
Licence: Generation	Not Performed	Not Kateu	
Electricity Industry Act section 41(6)			
A Licensee must pay the costs of taking a	an interest in land or	an easement over	
land.	an interest in land of	an easement over	
Observations			
Documents □ Compliance □			
Evidence: interviewed John McDonald, Igor Bra	andao Grant Gleeson S	ite supervisor listed	
staff. Documents: Not applicable	andao, Orani Oloooni, O	ate oupor vioor, notou	
Process Outcome Output	□ Reporting □	Compliance	
No land has been acquired under Part 9 of the			
and expenses for taking an interest in land			

Issues		
None		
Recommendations		
None		
2.19.2 ELECTRICITY LICENCE – LICE	NCE CONDITIONS	AND OBLIGATIONS
11 440	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Open diamental metions
Item 119 Electricity Industry Act section 11	Adequacy of controls rating A	Compliance rating 1
Licence: Generation		
Generation Licence condition 12.1 A Licensee and any related body corpor that comply with the Australian Accoun equivalent International Accounting Sta	ting Standards Board	•
Documents ☑ Compliance ☑		
Evidence: interviewed John McDonald, Igor B staff. Documents: The WWP annual report decighted. The WWP financial accounts refer to c standards. Process Outcome Output	claration by the financial	auditor has been opriate accounting
The WWP annual reports show compliance wit	h accounting standards.	
Issues		
None		V
Recommendations		
None		
Item 120	Adequacy of controls	Compliance rating
Electricity Industry Act section 11	rating Not Performed	Not Rated
Licence: Generation	140t i onomiou	Hot Rated
Generation Licence condition 13.4		
A Licensee must comply with any individ	dual performance sta	ndards prescribed
by the ERA.		
Observations	10 111-	
Documents ☐ Compliance ☐		
Evidence: interviewed John McDonald, Igor B staff. Documents: Not applicable.	randao, Grant Gleeson, S	Site supervisor, listed
Process Outcome Output	□ Reporting □	Compliance
There are no individual performance standards		
Issues	11 11 1) 11 2 11 10 0	1
None		
Recommendations		
None		
INOHE		

Item 121 Electricity Industry Act section 11	Adequacy of controls rating	Compliance rating
Licence: Generation	A	1
Generation Licence condition 14.2 A Licensee must comply, and require its standard audit guidelines dealing with t		
Observations		
Documents ☑ Compliance ☑ ☐ Evidence: interviewed John McDonald, Igor Br		
staff. Documents: The audit plan was forward prior to appointment.		
Process ☑ Outcome ☑ Output The Licensee has contracted with the auditor to	Reporting 🛮	• • • • • • • • • • • • • • • • • • • •
Issues	comply with the require	ments.
None		
Recommendations	Cia	
None	7/40	
Item 122 Electricity Industry Act section 11	Adequacy of controls rating A	Compliance rating
Licence: Generation	71.2	Time:
Generation Licence condition 20.5 A Licensee must comply, and must requ the relevant aspects of the ERA's standa management system review.		
Observations		
Documents ☑ Compliance ☑ ☐ Evidence: interviewed John McDonald, Igor Bristaff. Documents: The AMS review plan has breviewer obtained prior to appointment. Process ☑ Outcome ☑ Output		A approval of the
The Licensee has contracted with the reviewer		
Issues		
None		
Recommendations		
None		
	N	
Item 123 Electricity Industry Act section 11	Adequacy of controls rating Not Performed	Compliance rating Not Rated
Licence: Generation		
Generation Licence condition 15.1 A Licensee must report to the ERA, in th under external administration or there i circumstances upon which the licence wability to meet its obligations. Observations	s a significant change	e in the
Documents □ Compliance □		

staff. Documents: Not applicable.	, ,	Site supervisor, listed
Process	□ Reporting □	Compliance
The Licensee is not under external administration		
requirements.	on so not able to assess	compliance with advice
Issues		
None		
Recommendations		
None		
Item 124	Adequacy of controls	Compliance rating
Electricity Industry Act section 11	rating	
	A	1
Licence: Generation		
Generation Licence condition 16.1		
A Licensee must provide the ERA, in the		•
ERA requires in connection with its func	tions under the Elect	ricity Industry Act.
Observations		
Documents ☒ Compliance ☒		
Evidence: interviewed John McDonald, Igor Bi	andao, Grant Gleeson, S	Site supervisor, listed
staff. The Site Superintendent advised that the		
the ERA other than the Compliance Report. Do	cuments:	
Process Outcome Output	⊠ Reporting	Compliance
The Licensee has met the reporting requirement	nts.	
Issues		
None.		
Recommendations		
None		
None.		
Item 125	Adequacy of controls	Compliance rating
Item 125 Flectricity Industry Act section 11	Adequacy of controls rating	Compliance rating
Item 125 Electricity Industry Act section 11	Adequacy of controls rating Not Performed	Compliance rating Not Rated
	rating	
Electricity Industry Act section 11 Licence: Generation	rating	
Electricity Industry Act section 11 Licence: Generation Generation Licence condition 17.1 & 17.2	Not Performed	Not Rated
Electricity Industry Act section 11 Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information	Not Performed	Not Rated
Electricity Industry Act section 11 Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified.	Not Performed	Not Rated
Electricity Industry Act section 11 Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information	Not Performed	Not Rated
Electricity Industry Act section 11 Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified. Observations Documents Compliance	n it is directed by the	Not Rated ERA to publish,
Electricity Industry Act section 11 Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified. Observations Documents	n it is directed by the	Not Rated ERA to publish,
Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified. Observations Documents	rating Not Performed it is directed by the randao, Grant Gleeson, S	Not Rated ERA to publish, Site supervisor, listed
Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified. Observations Documents	rating Not Performed it is directed by the randao, Grant Gleeson, S	Not Rated ERA to publish, Site supervisor, listed Compliance
Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified. Observations Documents	rating Not Performed it is directed by the randao, Grant Gleeson, S	Not Rated ERA to publish, Site supervisor, listed Compliance
Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified. Observations Documents	rating Not Performed it is directed by the randao, Grant Gleeson, S	Not Rated ERA to publish, Site supervisor, listed Compliance
Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified. Observations Documents	rating Not Performed it is directed by the randao, Grant Gleeson, S	Not Rated ERA to publish, Site supervisor, listed Compliance
Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified. Observations Documents	rating Not Performed it is directed by the randao, Grant Gleeson, S	Not Rated ERA to publish, Site supervisor, listed Compliance
Licence: Generation Generation Licence condition 17.1 & 17.2 A Licensee must publish any information within the timeframes specified. Observations Documents	rating Not Performed it is directed by the randao, Grant Gleeson, S	Not Rated ERA to publish, Site supervisor, listed Compliance

Item 126 Electricity Industry Act section 11	Adequacy of controls rating A	Compliance rating
Licence: Generation	Ι Λ	1
Generation Licence condition 18.1 Unless otherwise specified, all notices n Observations	nust be in writing.	
Documents ☑ Compliance ☑		
Evidence: interviewed John McDonald, Igor E staff. Documents: Sample communication wi		Site supervisor, listed
Process 🗹 Outcome 🗹 Output		
No notices have been required by the ERA. A writing. Issues	ii materiai communication	with the EKA IS IN
None		
Recommendations		
None	C.0	
"upin	(up	
2.19.3 ELECTRICITY INDUSTRY MET AND OBLIGATIONS (ALL LICE)		
Item 324	Adequacy of controls	Compliance rating
Licence condition 5.1	rating Not Performed	Not Rated
Licence: Generation		
Electricity Industry Metering Code clause 3.3E A user who is aware of bi-directional flows at a n bi-directional electricity flows or any changes in a point which will result in bi-directional electricity flows or any changes in a point which will result in bi-directional electricity flows or any changes in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will result in bi-directional electricity flows or any change in a point which will be a poin	netering point which was no a customer's or user's circu	imstances in a metering
Observations		
Documents ☐ Compliance ☐		
Evidence: interviewed Operations Manager, Splant. Documents: n/a		
Process	re is no wind but normally	exports power. These
Issues		
None		
Recommendations		
None		
Item 339	Adequacy of controls	Compliance rating
Licence condition 5.1	rating Not Performed	Not Rated
Licence: Generation		

Electricity Industry Metering Code clause 3.1	1(3)		
A Code participant who becomes aware of an outage or malfunction of a			
metering installation must advise the network operator as soon as practicable.			
Observations			
Documents ☐ Compliance ☐			
Evidence: interviewed Operations Manager,	Site supervisor, listed stat	ff. inspected Generation	
plant. Documents: n/a.		, .	
Process Outcome Output	t □ Reporting □	☐ Compliance ☐	
The Licensee has no meters with all metering	by Western Power. The	Licensee is not aware of	
any out age or malfunction to require adv	ice.		
Issues			
None			
Recommendations			
None			
None			
Item 364	Adequacy of controls	Compliance rating	
Licence condition 5.1	rating	compliants	
Electrice defination of t	Not Performed	Not Rated	
Licence: Generation			
Electricity Industry Metering Code clause 3.2	7		
A person must not install a metering installation		e person is the network	
operator or a registered metering installation			
work authorised by its registration.			
Observations			
Documents ☐ Compliance ☐			
Evidence: interviewed Operations Manager,	Site supervisor, listed stat	ff. inspected Generation	
plant. Documents: n/a.		,,	
Process Outcome Output	t □ Reporting □	☐ Compliance ☐	
The Licensee has no meters with all metering	by Western Power and in	nstalled by them.	
Issues			
None			
Recommendations			
None			
None			
Item 371	Adequacy of controls	Compliance rating	
	rating	compliants	
Licence condition 5.1	Not Performed	Not Rated	
Licence: Generation			
	(4)		
Electricity Industry Metering Code clause 4.4(If there is a discrepancy between energy data h		n and data hald in the	
metering database, the affected Code participar			
determine the most appropriate way to resolve a		or mast halse together to	
Observations	a discrepancy.		
Decuments			
Documents	Cita auparviaar lietad etat	ff inapported Congretion	
Evidence: interviewed Operations Manager, plant. Documents: n/a.	one supervisor, listed stat	ii, iiispedied Generation	
Process ☐ Outcome ☐ Output	t □ Reporting □	☐ Compliance ☐	
The Licensee has no meters with all metering			
metering database and no metering installation			
	on to allow a discrepancy.		
Issues	on to allow a discrepancy.		
None Issues	оп to апом а discrepancy.		

Recommendations		
None		
Item 372 Licence condition 5.1	Adequacy of controls rating Not Performed	Compliance rating Not Rated
Licence: Generation	Not Fellollieu	Not Nateu
Electricity Industry Metering Code clause 4.5	(1)	
A Code participant must not knowingly permit the	. ,	naccurate.
Observations		
Documents □ Compliance □		
Evidence: interviewed Operations Manager,	Site supervisor, listed staf	f, inspected Generation
plant. Documents: n/a.	'-'	- 1
Process		Compliance Compliance
The Licensee has no meters with all metering		Licensee is no
knowledge of Western Power's registry other Issues	than their own details.	
771.0	Prince	
None		
Recommendations	3	
None		
Itam 272	A document of controls	Compliance rating
Item 373	Adequacy of controls rating	Compliance rating
Licence condition 5.1	Not Performed	Not Rated
Licence: Generation	Note onomica	Horrido
Electricity Industry Metering Code clause 4.5 Subject to subclause 5.19(6), if a Code participa of a change to, or an inaccuracy in, an item of s network operator and provide details of the char Observations	ant, other than a network op tanding data in the registry,	then it must notify the
Documents ☐ Compliance ☐		
Evidence: interviewed Operations Manager,	L. Site supervisor, listed staf	f inspected Generation
plant. Documents: n/a.	One daportion, include ciam	i, mopootod Co
Process □ Outcome □ Output		Compliance
The Licensee has no meters with all metering customers to have any registry data, nor has		
Issues		
None		
Recommendations		
None		
1, 000	A de successor of controlo	Carraliance rating
Item 388 Licence condition 5.1	Adequacy of controls rating Not Performed	Compliance rating Not Rated
Licence: Generation	Not r enomied	Not Nateu
Floatricity Industry Matering Code clause 5.4	(2)	
A user must, when reasonably requested by a normally with the network operator's obligation unobservations	etwork operator, assist the	network operator to
Documents ☐ Compliance ☐		

plant. Documents: n/a.	Oite Supervisor, listed star	f, inspected Generation
Process	t	l Compliance □
The Licensee has no meters with all metering		
from Western Power.	, 2, 1100.0	
Issues		
None		
Recommendations		
None		
Item 401	Adequacy of controls	Compliance rating
Licence condition 5.1	rating Not Performed	Not Rated
Licence: Generation		
Electricity Industry Metering Code clause 5.10	6	
If a user collects or receives energy data from		nen the user must
provide the network operator with the energy	data (in accordance with t	he communication
rules) within the timeframes prescribed.	1/1/4/	
Observations		
Documents ☐ Compliance ☐	1 6:1	
Evidence: interviewed Operations Manager,	Site supervisor, listed staf	f, inspected Generation
plant. Documents: n/a.		
Process Outcome Output Discourse its all sectors in the sector in the sectors in the sector in the		Compliance
The Licensee has no meters with all metering collect or receive energy data from a metering		Licensee does not
Issues	j iristaliatiori.	
None		
Dana and an Indiana		
Recommendations		
Recommendations None		
	Adequacy of controls	Compliance rating
None	Adequacy of controls rating	Compliance rating
None Item 402 Licence condition 5.1		Compliance rating Not Rated
None Item 402	rating	
None Item 402 Licence condition 5.1	rating Not Performed	
None Item 402 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida	rating Not Performed 7(1) ted, and where necessary	Not Rated substituted or
None Item 402 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.12 A user must provide standing data and valida estimated, energy data to the user's custome	rating Not Performed 7(1) ted, and where necessary r to which that information	Not Rated substituted or relates where the user
Item 402 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement	rating Not Performed 7(1) ted, and where necessary r to which that information	Not Rated substituted or relates where the user
Item 402 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.13 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer.	rating Not Performed 7(1) ted, and where necessary r to which that information	Not Rated substituted or relates where the user
Item 402 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.12 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations	rating Not Performed 7(1) ted, and where necessary r to which that information	Not Rated substituted or relates where the user
None Item 402 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations □ Compliance □	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos	Not Rated substituted or relates where the user es or for the purpose of
Item 402 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations Documents Compliance Evidence: interviewed Operations Manager,	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos	Not Rated substituted or relates where the user es or for the purpose of
Item 402 Licence: Generation Electricity Industry Metering Code clause 5.12 A user must provide standing data and validate estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations Documents Compliance Evidence: interviewed Operations Manager, plant. Documents: n/a.	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos Site supervisor, listed staf	Not Rated substituted or relates where the user es or for the purpose of f, inspected Generation
Item 402 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations Documents Compliance Evidence: interviewed Operations Manager, plant. Documents: n/a. Process Outcome Output	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos Site supervisor, listed staf	Not Rated substituted or relates where the user es or for the purpose of f, inspected Generation Compliance
Item 402 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations Documents	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos Site supervisor, listed staf	Not Rated substituted or relates where the user es or for the purpose of f, inspected Generation Compliance
Item 402 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations Documents Compliance Evidence: interviewed Operations Manager, plant. Documents: n/a. Process Outcome Output	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos Site supervisor, listed staf t	Not Rated substituted or relates where the user es or for the purpose of f, inspected Generation Compliance icensee has no and validated, and
Item 402 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and validatestimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations Documents	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos Site supervisor, listed staf t	Not Rated substituted or relates where the user es or for the purpose of f, inspected Generation Compliance icensee has no and validated, and
Item 402 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations Documents	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos Site supervisor, listed staf t	Not Rated substituted or relates where the user es or for the purpose of f, inspected Generation Compliance icensee has no and validated, and
Item 402 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations Documents	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos Site supervisor, listed staf t	Not Rated substituted or relates where the user es or for the purpose of f, inspected Generation Compliance icensee has no and validated, and
Item 402 Licence: Generation Electricity Industry Metering Code clause 5.17 A user must provide standing data and valida estimated, energy data to the user's custome is required by an enactment or an agreement providing metering services to the customer. Observations Documents	rating Not Performed 7(1) ted, and where necessary r to which that information to do so for billing purpos Site supervisor, listed staf t	Not Rated substituted or relates where the user es or for the purpose of f, inspected Generation Compliance icensee has no and validated, and

Item 405 Licence condition 5.1	Adequacy of controls rating	Compliance rating		
Licence condition 3.1	Not Performed	Not Rated		
Licence: Generation				
Electricity Industry Metering Code clause 5.18 If a user collects or receives information regar metering point then the user must provide the including the stated attributes, within the times Observations	ding a change in the ener network operator with the			
Documents □ Compliance □				
Evidence: interviewed Operations Manager, plant. Documents: n/a. Process □ Outcome □ Output	: □ Reporting □	Compliance		
The Licensee has no meters with all metering by Western Power. The Licensee was not aware of any change of energisation status of a metering point during the audit period.				
Issues				
None	/mp.			
Recommendations				
None	1 / 2: - 3			
Item 406	Adequacy of controls	Compliance rating		
Licence condition 5.1	rating Not Performed	Not Rated		
Licence: Generation				
Electricity Industry Metering Code clause 5.19 A user must, when requested by the network electricity industry practice, use reasonable er if any, that assists the network operator in me elsewhere, and provide that information to the	operator acting in accordance avours to collect information its obligations described in the contraction of the contraction in the contraction of	mation from customers,		
Observations	·			
Documents □ Compliance □				
Evidence: interviewed Operations Manager,	Site supervisor, listed staf	f, inspected Generation		
plant. Documents: n/a. Process	: □ Reporting □	Compliance		
The Licensee has no meters with all metering from Western Power.				
Issues	A TOTAL STATE			
None				
Recommendations	V			
None				
Item 407	Adequacy of controls	Compliance rating		
Licence condition 5.1	rating Not Performed	Not Rated		
Licence: Generation				
Electricity Industry Metering Code clause 5.19 A user must, to the extent that it is able, collecting information in relation to the site of each connuction.	ct and maintain a record o			
Observations				
Documents ☐ Compliance ☐				

Item 408	plant Documente: n/a	' '	ff, inspected Generation	
The Licensee has no meters with all metering by Western Power. The only connection point is with from Western Power (Synergy) so there is no requirement to collect and maintain a record of the prescribed information. Issues	·		7 10 "	
with from Western Power (Synergy) so there is no requirement to collect and maintain a record of the prescribed information. Status				
Item 408 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.19(3) Subject to subclauses 5.19(3A) and 5.19(6), the user must, within 1 business day after becoming aware of any change in an attribute described in subclause 5.19(2), notify the network operator bar no treating plant. Documents: n/a. Process Doserwations None Adequacy of controls rating Not Rated Licence: Generation Electricity Industry Metering Code clause 5.19(3) Subject to subclauses 5.19(3A) and 5.19(6), the user must, within 1 business day after becoming aware of any change in an attribute described in subclause 5.19(2), notify the network operator of the change. Observations Documents: n/a. Process Doutcome Doutput Reporting Compliance Doutput Reporting Compliance Recommendations None Recommendations None Licence Condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents: Compliance Reversity Documents: n/a. Process Documents: n/a. Process Compliance C				
Item 408		is no requirement to colle	ect and maintain a record	
None Item 408	•			
Item 408	issues			
Item 408	None			
Item 408 Licence condition 5.1 Adequacy of controls rating Not Performed Not Rated Not Rated	Recommendations			
Item 408 Licence condition 5.1 Adequacy of controls rating Not Performed Not Rated Not Rated	None			
Licence: Generation Electricity Industry Metering Code clause 5.19(3) Subject to subclauses 5.19(3A) and 5.19(6), the user must, within 1 business day after becoming aware of any change in an attribute described in subclause 5.19(2), notify the network operator of the change. Observations Documents	None			
Licence: Generation Electricity Industry Metering Code clause 5.19(3) Subject to subclauses 5.19(3A) and 5.19(6), the user must, within 1 business day after becoming aware of any change in an attribute described in subclause 5.19(2), notify the network operator of the change. Observations Documents				
Licence: Generation Electricity Industry Metering Code clause 5.19(3) Subject to subclauses 5.19(3A) and 5.19(6), the user must, within 1 business day after becoming aware of any change in an attribute described in subclause 5.19(2), notify the network operator of the change. Observations Documents	Item 408	Adequacy of controls	Compliance rating	
Not Performed Not Rated			comprising	
Electricity Industry Metering Code clause 5.19(3) Subject to subclauses 5.19(3A) and 5.19(6), the user must, within 1 business day after becoming aware of any change in an attribute described in subclause 5.19(2), notify the network operator of the change. Observations Documents	License contantion on	Not Performed	Not Rated	
Subject to subclauses 5.19(3A) and 5.19(6), the user must, within 1 business day after becoming aware of any change in an attribute described in subclause 5.19(2), notify the network operator of the change. Documents Compliance Comp	Licence: Generation			
Subject to subclauses 5.19(3A) and 5.19(6), the user must, within 1 business day after becoming aware of any change in an attribute described in subclause 5.19(2), notify the network operator of the change. Documents Compliance Evidence: interviewed Operations Manager, Site supervisor, listed staff, inspected Generation plant. Documents: n/a.	Floatricity Industry Materina Code alouge F. 1	0/3)		
becoming aware of any change in an attribute described in subclause 5.19(2), notify the network operator of the change. Observations Documents			oinaga day aftar	
Documents Compliance C				
Documents □ Compliance □ Revidence: interviewed Operations Manager, Site supervisor, listed staff, inspected Generation plant. Documents: n/a. Documents: n/a. Doutcome □ Output □ Reporting □ Compliance □ The Licensee has no meters with all metering by Western Power. The Licensee is not aware of any changes in attributes. Basues None Adequacy of controls rating Not Performed Not Rated Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents □ Compliance □ Evidence: interviewed Operations Manager, Site supervisor, listed staff, inspected Generation plant. Documents: n/a. Process □ Outcome □ Output □ Reporting □ Compliance □ The Licensee has no meters with all metering by Western Power. There have been no requests from Western Power. Issues None Recommendations		e described in subclause	5. 19(2), notily the	
Documents				
Evidence: interviewed Operations Manager, Site supervisor, listed staff, inspected Generation plant. Documents: n/a. Process Outcome Output Reporting Compliance The Licensee has no meters with all metering by Western Power. The Licensee is not aware of any changes in attributes. Issues None Recommendations None Item 410 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents Compliance Reporting Compliance Compliance	Observations			
plant. Documents: n/a. Process	Documents ☐ Compliance ☐	11.:-		
Process	Evidence: interviewed Operations Manager,	Site supervisor, listed sta	ff, inspected Generation	
The Licensee has no meters with all metering by Western Power. The Licensee is not aware of any changes in attributes. Issues None Recommendations None Item 410 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents	plant. Documents: n/a.			
The Licensee has no meters with all metering by Western Power. The Licensee is not aware of any changes in attributes. Issues None Recommendations None Item 410 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents	Process Outcome Output Output	t 🗆 Reporting [☐ Compliance ☐	
Issues None Recommendations None Item 410 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents				
None Recommendations None Item 410 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents		, , , , , , , , , , , , , , , , , , , ,		
Item 410	Issues			
Item 410	Nice			
Item 410				
Item 410 Licence condition 5.1 Adequacy of controls rating Not Performed Not Rated Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents	Recommendations			
Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents	None			
Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents				
Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents				
Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents	Itama 440	Adequacy of controls	Osmanlianas natina	
Licence: Generation Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents	item 410	riadquady of controlo	Compliance rating	
Electricity Industry Metering Code clause 5.19(6) The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents		rating	Compliance rating	
The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents		rating		
The user must use reasonable endeavours to ensure that it does not notify the network operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents	Licence condition 5.1	rating		
operator of a change in an attribute described in subclause 5.19(2) that results from the provision of standing data by the network operator to the user. Observations Documents	Licence: Generation	rating Not Performed		
Documents	Licence: Generation Electricity Industry Metering Code clause 5.19	rating Not Performed	Not Rated	
Documents	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to	rating Not Performed 9(6) ensure that it does not	Not Rated notify the network	
Documents	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described	rating Not Performed 9(6) ensure that it does not not in subclause 5.19(2) that	Not Rated notify the network	
Evidence: interviewed Operations Manager, Site supervisor, listed staff, inspected Generation plant. Documents: n/a. Process □ Outcome □ Output □ Reporting □ Compliance □ The Licensee has no meters with all metering by Western Power. There have been no requests from Western Power. Issues None Recommendations	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operator.	rating Not Performed 9(6) ensure that it does not not in subclause 5.19(2) that	Not Rated notify the network	
Evidence: interviewed Operations Manager, Site supervisor, listed staff, inspected Generation plant. Documents: n/a. Process □ Outcome □ Output □ Reporting □ Compliance □ The Licensee has no meters with all metering by Western Power. There have been no requests from Western Power. Issues None Recommendations	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described	rating Not Performed 9(6) ensure that it does not not in subclause 5.19(2) that	Not Rated ootify the network	
Process	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operators	rating Not Performed 9(6) ensure that it does not not in subclause 5.19(2) that	Not Rated ootify the network	
Process Outcome Output Reporting Compliance The Licensee has no meters with all metering by Western Power. There have been no requests from Western Power. Issues None Recommendations	Licence: Generation Electricity Industry Metering Code clause 5.19 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operators Observations Documents Compliance	rating Not Performed 9(6) ensure that it does not not in subclause 5.19(2) that it does not	Not Rated notify the network at results from the	
The Licensee has no meters with all metering by Western Power. There have been no requests from Western Power. Issues None Recommendations	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operators Documents Compliance Evidence: interviewed Operations Manager,	rating Not Performed 9(6) ensure that it does not not in subclause 5.19(2) that it does not	Not Rated notify the network at results from the	
from Western Power. Issues None Recommendations	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operators Documents Compliance Evidence: interviewed Operations Manager, plant. Documents: n/a.	rating Not Performed 9(6) The ensure that it does not in subclause 5.19(2) that it does not in subclause 5.	Not Rated Notify the network at results from the off, inspected Generation	
Issues None Recommendations	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operators Documents	rating Not Performed 9(6) The ensure that it does not in subclause 5.19(2) that it does not in subclause 5.	Not Rated Notify the network at results from the off, inspected Generation Compliance	
None Recommendations	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operations Documents	rating Not Performed 9(6) The ensure that it does not in subclause 5.19(2) that it does not in subclause 5.	Not Rated Notify the network at results from the off, inspected Generation Compliance	
Recommendations	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operators Documents	rating Not Performed 9(6) The ensure that it does not in subclause 5.19(2) that it does not in subclause 5.	Not Rated Notify the network at results from the off, inspected Generation Compliance	
	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operations Documents	rating Not Performed 9(6) The ensure that it does not in subclause 5.19(2) that it does not in subclause 5.	Not Rated Notify the network at results from the off, inspected Generation Compliance	
None	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operations Documents	rating Not Performed 9(6) The ensure that it does not in subclause 5.19(2) that it does not in subclause 5.	Not Rated Notify the network at results from the off, inspected Generation Compliance	
	Licence: Generation Electricity Industry Metering Code clause 5.15 The user must use reasonable endeavours to operator of a change in an attribute described provision of standing data by the network operations Documents	rating Not Performed 9(6) The ensure that it does not in subclause 5.19(2) that it does not in subclause 5.	Not Rated Notify the network at results from the off, inspected Generation Compliance	

Item 416	Adequacy of controls	Compliance rating
Licence condition 5.1	rating Not Performed	Not Rated
Licence: Generation	140t1 cholined	Not Rated
Electricity Industry Metering Code clause 5.21(5)		
A Code participant must not request a test or audit under subclause 5.21(1) unless the Code		
participant is a user and the test or audit relates to a time or times at which the user was the current		
user or the Code participant is the IMO. Observations		
Documents Compliance		
Evidence: interviewed Operations Manager, Site supervisor, listed staff, inspected Generation plant. Documents: n/a.		
Process □ Outcome □ Output □ Reporting □ Compliance □		
The Licensee has no meters with all metering by Western Power. There have been no requests		
for tests or audits.		
Issues		
None		
Recommendations		
None	774AV	
Notice		
Item 417	Adequacy of controls	Compliance rating
Licence condition 5.1	rating Not Performed	Not Rated
Licence: Generation		
access arrangement or agreement. Observations		
Documents □ Compliance □		
Evidence: interviewed Operations Manager, plant. Documents: n/a.	Site supervisor, listed stat	ff, inspected Generation
Process □ Outcome □ Output □ Reporting □ Compliance □		
The Licensee has no meters with all metering		
for tests or audits.		
Issues		
None		
Recommendations		
None		
THOSE CONTRACTOR OF THE PROPERTY OF THE PROPER		
Item 435	Adequacy of controls	Compliance rating
Licence condition 5.1	rating Not Performed	Not Rated
Licence: Generation		
Electricity Industry Metering Code clause 5.27		
Upon request from a network operator, the current user for a connection point must provide the		
network operator with customer attribute informating incorrect within the timeframes prescribed.	ation that it reasonably beli	eves are missing or
Observations		
	г	
Documents	Cita augaminar lietad etat	" :tod Congration
Evidence: interviewed Operations Manager, Site supervisor, listed staff, inspected Generation plant. Documents: n/a.		
	Reporting	☐ Compliance ☐

The Licensee has no meters with all metering	by Western Fower. There	e nave been no				
requests. Issues						
None						
Recommendations						
None						
Item 448	Adequacy of controls	Compliance rating				
Licence condition 5.1	rating	Compliance rating				
Licence condition 3.1	Not Performed	Not Rated				
Licence: Generation						
Electricity Industry Metering Code clause 6.1((2)					
A user must, in relation to a network on which		, comply with the rules,				
procedures, agreements and criteria prescribe						
Observations						
Documents □ Compliance □	(19 1					
Evidence: interviewed Operations Manager,	Site supervisor, listed staf	f, inspected Generation				
plant. Documents: Western Power ETAC.	7/78/	, .,				
Process ☐ Outcome ☐ Output	: □ Reporting □	Compliance				
The Licensee has an access contract with We		been no any breaches				
of the rules, procedures, agreements and crite	eria prescribed.					
Issues						
None	7)					
Recommendations						
None						
		- 1				
		7				
Item 451	Adequacy of controls	Compliance rating				
V	rating					
Item 451 Licence condition 5.1		Compliance rating Not Rated				
Item 451	rating					
Item 451 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 7.2(rating Not Performed (1)	Not Rated				
Item 451 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave	rating Not Performed (1) ours to ensure that they car	Not Rated n send and receive a				
Item 451 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeavenotice by post, facsimile and electronic communications)	Not Performed (1) ours to ensure that they car ication and must notify the	Not Rated n send and receive a				
Item 451 Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeaved notice by post, facsimile and electronic community telephone number for voice communication in co	Not Performed (1) ours to ensure that they car ication and must notify the	Not Rated n send and receive a				
Item 451 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the coordinate	Not Performed (1) ours to ensure that they car ication and must notify the	Not Rated n send and receive a				
Item 451 Licence condition 5.1 Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complex of the compl	nating Not Performed 1) Dours to ensure that they car ication and must notify the connection with the Code.	Not Rated n send and receive a network operator of a				
Item 451 Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complete of the compl	nating Not Performed 1) Dours to ensure that they car ication and must notify the connection with the Code.	Not Rated n send and receive a network operator of a				
Item 451 Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complete of the compl	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf	Not Rated n send and receive a network operator of a f, inspected Generation				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complete of th	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf	Not Rated a send and receive a network operator of a f, inspected Generation Compliance				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the composition of th	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf	Not Rated a send and receive a network operator of a f, inspected Generation Compliance				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complete of th	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf	Not Rated a send and receive a network operator of a f, inspected Generation Compliance				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complete of th	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf	Not Rated a send and receive a network operator of a f, inspected Generation Compliance				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coording to the complete of the	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf	Not Rated a send and receive a network operator of a f, inspected Generation Compliance				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complete of th	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf	Not Rated a send and receive a network operator of a f, inspected Generation Compliance				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coording to the complete of the	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf	Not Rated a send and receive a network operator of a f, inspected Generation Compliance				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeaved notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complex of the comple	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf	Not Rated a send and receive a network operator of a f, inspected Generation Compliance				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complete of th	rating Not Performed (1) Durs to ensure that they car ication and must notify the connection with the Code. Site supervisor, listed staff By Western Power. West in operates 24/7.	Not Rated In send and receive a network operator of a If, inspected Generation If Compliance ern Power has the				
Item 451 Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeaved notice by post, facsimile and electronic communitelephone number for voice communication in coordinate to the complete to the comp	rating Not Performed (1) ours to ensure that they car ication and must notify the onnection with the Code. Site supervisor, listed staf Begorting by Western Power. West n operates 24/7.	Not Rated a send and receive a network operator of a f, inspected Generation Compliance				
Licence: Generation Electricity Industry Metering Code clause 7.2(Code participants must use reasonable endeave notice by post, facsimile and electronic communitelephone number for voice communication in coordinate of the complete of th	rating Not Performed (1) Durs to ensure that they car ication and must notify the connection with the Code. Site supervisor, listed staff By Western Power. West in operates 24/7.	Not Rated In send and receive a network operator of a If, inspected Generation If Compliance ern Power has the				

Electricity Industry Metering Code clause 7.2(
If requested by a network operator with whom it		
participant must notify its contact details to a ne	twork operator within 3 bus	siness days after the
request.		
Observations		
Documents ☐ Compliance ☐		
Evidence: interviewed Operations Manager,	Site supervisor, listed sta	ff, inspected Generation
plant. Documents: n/a.		-
Process □ Outcome □ Output		□ Compliance □
The Licensee has no meters with all metering	by Western Power. The	e has been no request.
Western Power has the contact details.		
Issues		
None		
Recommendations		
Nana		
None		
Item 454	Adequacy of controls	Compliance rating
Licence condition 5.1	rating	Compliance rating
Licence condition 5.1	Not Performed	Not Rated
Licence: Generation		
Floatricity Industry Motoring Code alouge 72	(E)	
Electricity Industry Metering Code clause 7.2(A Code participant must notify any affected network)		to the contact details it
notified to the network operator under subclause		
takes effect.	3 7.2(4) at least 5 business	days before the change
Observations		
Description of Compliance		
Documents	Cita accessing a listed at	# increased Commention
Evidence: interviewed Operations Manager, plant. Documents: n/a.	Site supervisor, listed sta	iii, inspected Generation
Process	t	☐ Compliance ☐
The Licensee has no meters with all metering		
the contact details.	by Western Tower. The	e has been no onange in
Issues		
// Up so		
None		
Recommendations		
None		
		7
Item 455	Adequacy of controls	Compliance rating
Licence condition 5.1	rating	
	Not Performed	Not Rated
Licence: Generation		
Electricity Industry Metering Code clause 7.5		
A Code participant must subject to subclauses 5	5.17A and 7.6 not disclose	, or permit the disclosure
of, confidential information provided to it under of		
use or reproduce confidential information for the	purpose for which it was	disclosed or another
purpose contemplated by the Code.		
Observations		
Documents □ Compliance □		
Evidence: interviewed Operations Manager,	Site supervisor, listed sta	ff, inspected Generation
plant. Documents: n/a.		,
Process ☐ Outcome ☐ Output		
	t □ Reporting □	☐ Compliance ☐
The Licensee has no meters with all metering		

None		
Recommendations		
None		
Item 456	Adequacy of controls	Compliance rating
Licence condition 5.1	rating Not Performed	Not Rated
Licence: Generation		
Electricity Industry Metering Code clause 7.6(A Code participant must disclose or permit the code to be disclosed by the Code.		ormation that is required
Observations		
Documents □ Compliance □		
Evidence: interviewed Operations Manager, plant. Documents: n/a.	Site supervisor, listed staf	f, inspected Generation
Process □ Outcome □ Output		
The Licensee has no meters with all metering confidential information to disclose.	by Western Power. There	e has been no
Issues		
None		
Recommendations		
None		
Item 457	Adequacy of controls	Compliance rating
Licence condition 5.1	rating Not Performed	Not Rated
Licence: Generation	Troct on only	Tiotinatou
Electricity Industry Metering Code clause 8.1(If any dispute arises between any Code participations)	(1)	
representatives of disputing parties must meet vidisputing party to the other disputing parties and	ants then (subject to subcla vithin 5 business days after	a notice given by a
representatives of disputing parties must meet v	ants then (subject to subcla vithin 5 business days after	a notice given by a
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations	ants then (subject to subcla vithin 5 business days after	a notice given by a
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents Compliance Evidence: interviewed Operations Manager,	ants then (subject to subcla vithin 5 business days after d attempt to resolve the disp	a notice given by a pute by negotiations in
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents	ants then (subject to subclar vithin 5 business days after d attempt to resolve the dispension of the supervisor, listed staf	f, inspected Generation Compliance
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents	ants then (subject to subclar vithin 5 business days after d attempt to resolve the dispension of the supervisor, listed staf	f, inspected Generation Compliance
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents	ants then (subject to subclar vithin 5 business days after d attempt to resolve the dispension of the supervisor, listed staf	f, inspected Generation Compliance
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents	ants then (subject to subclar vithin 5 business days after d attempt to resolve the dispension of the supervisor, listed staf	f, inspected Generation Compliance
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents	ants then (subject to subclar vithin 5 business days after d attempt to resolve the dispension of the supervisor, listed staf	f, inspected Generation Compliance
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents	ants then (subject to subclar vithin 5 business days after d attempt to resolve the dispension of the supervisor, listed staf	f, inspected Generation Compliance
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents	ants then (subject to subclar vithin 5 business days after d attempt to resolve the displant of the supervisor, listed staff by Western Power. There	f, inspected Generation Compliance have been no disputes
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents	ants then (subject to subclar vithin 5 business days after d attempt to resolve the disposition of the dispo	a notice given by a pute by negotiations in f, inspected Generation Compliance have been no disputes Compliance rating
representatives of disputing parties must meet v disputing party to the other disputing parties and good faith. Observations Documents	ants then (subject to subclar vithin 5 business days after d attempt to resolve the disposite supervisor, listed staff by Western Power. There are Adequacy of controls	a notice given by a pute by negotiations in f, inspected Generation Compliance have been no disputes

If a dispute is not resolved within 10 business da							
negotiations, the disputing parties must refer the disputing party who must meet and attempt to re	e dispute to a senior mana(esolve the dispute by nego	gement officer of each					
Observations	occive the dispute by hoge	adiono in good idian.					
Documents ☐ Compliance ☐							
Evidence: interviewed Operations Manager,	Site supervisor, listed sta	ff. inspected Generation					
plant. Documents: n/a.		,					
Process ☐ Outcome ☐ Output	□ Reporting □	☐ Compliance ☐					
The Licensee has no meters with all metering	by Western Power. Ther	e have been no disputes					
to resolve.							
Issues							
None							
Recommendations							
None							
Item 459	Adequacy of controls	Compliance rating					
Licence condition 5.1	rating						
	Not Performed	Not Rated					
Licence: Generation							
Electricity Industry Metering Code clause 8.1(
If the dispute is not resolved within 10 business							
management negotiations, the disputing parties							
of each disputing party who must meet and atter	mpt to resolve the dispute	by negotiations in good					
faith. Observations							
Documents ☐ Compliance ☐							
Evidence: interviewed Operations Manager,	Site supervisor, listed sta	ff, inspected Generation					
plant. Documents: n/a.		7 0 " 15					
Process							
The Licensee has no meters with all metering to resolve.	by western Power. Ther	e nave been no disputes					
Issues							
Issues							
None							
Recommendations							
None							
Item 460	Adequacy of controls	Compliance rating					
Licence condition 5.1	rating						
	Not Performed	Not Rated					
Licence: Generation							
Electricity Industry Metering Code clause 8.1((4)						
If the dispute is resolved by representative nego	tiations, senior manageme	ent negotiations or CEO					
negotiations, the disputing parties must prepare	a written and signed recor	d of the resolution and					
adhere to the resolution.							
Observations							
Documents ☐ Compliance ☐							
Evidence: interviewed Operations Manager,	Site supervisor, listed sta	ff, inspected Generation					
plant. Documents: n/a.							
Process □ Outcome □ Output		☐ Compliance ☐					
The Licensee has no meters with all metering	by Western Power. Ther	e have been no disputes					
to resolve.							

None					
Recommend	dation	ıs			
None					
110110					
				.	
Item 461				Adequacy of controls	Compliance rating
Licence cor	nditio	on 5.1		rating Not Performed	Not Rated
Licence:	G	eneration		Trock discilled	110111010
Electricity Inc	dustrv	Metering Cod	le clause 8.30	(2)	
The disputing	partie	es must at all tir	mes conduct t	/ hemselves in a manner wh	nich is directed towards
		tive in subclaus	se 8.3(1).		
Observation	ıs				
Documents		Compliance			
			ns Manager,	Site supervisor, listed sta	ff, inspected Generation
plant. Docur				I II I Daniel I I	7 0
Process	<u> </u>	Outcome	Output		☐ Compliance ☐
to resolve.	e nas	no meters with	i all metering	by Western Power. Then	e nave been no disputes
Issues	\vdash				
	\rightarrow			1 2 3	
None Recommend	dation				
	aatioi	15			
None					
		2		3 22	
		2			
		2			
		2			
		2			
		2			
		2			
		2			
		2			
		2			

2.20 ASSET MANAGEMENT SYSTEM REVIEW RESULTS AND RECOMMENDATIONS

Asset Planning	Process/Policy rating	Effectiveness rating
	A	Not Rated

1. Asset planning

Asset planning strategies are focused on meeting customer needs in the most effective and efficient manner (delivering the right service at the right price).

Observations

Asset Planning Process/Plan and its currency

Walkaway Wind Power (WWP) is located at Walkaway, near Geraldton, in Western Australia. The plant is owned by Walkaway Wind Power P/L (Infigen Energy Ltd (Infigen) and operated by Vestas Australian Wind Technology Pty Ltd (Vestas) which has been contracted to provide the operation and maintenance services. There are 54 wind turbines with a total capacity of 89MW.

The Licensee is a subsidiary of the parent/owning company and has no role in strategic matters and accordingly the full scope of asset management is not able to be carried out by the Licensee The owners make the decisions if and when to invest and will make the disposal decisions.

The Licensee's owner, Infigen, is a renewable energy business whose assets include other wind farms in addition to this plant. Asset Planning is core business function of Infigen.

Allocation of responsibilities / statutory obligations

The organisational arrangements allocate responsibilities. There is documentation requiring compliance with statutory obligations.

Evaluation Criteria summary Licensee

1.1 Asset management plan covers key requirements.

ANR

Response: AMP meets this criterion. There is no single Asset planning document for this site but the components exist in separate agreements with the manufacturer and power take off agreements.

1.2 Planning process and objectives reflect the needs of all stakeholders and is integrated with business planning at operational and maintenance level.

Response: The Licensee does not carry out these functions and they are carried out by the parent company. For the operating/maintaining functions carried out by the Licensee the AMP meets the requirement.

1.3 Service levels are defined.

A1

Response: The AMP (2013-2917) defines service levels. The owners require service level to be delivered. The Power purchase agreement also specifies service levels e.g. Minimum Supply Obligations (i.e. Minimum MWh that need to be

generated in certain time periods). The service agreements with Vestas set

performance levels such as availability to be achieved. Non-asset options (eg demand management) are considered. Response: The Licensee does not carry out these and the parent will either decide to make an asset investment or not. Non-asset options would be a decision that an asset option is not pursued. 1.5 Lifecycle costs of owning and operating assets are assessed. A1 Response: The AMP meets this criterion as lifecycle costs of owning and operating assets are assessed. 1.6 Funding options are evaluated. ANR Response: The Licensee cannot carry out evaluation of funding options for development outside this plant and if it is carried out it will be by the parent company. 1.7 Costs are justified and cost drivers identified. Response: Any proposal would include justification of costs and identification of cost drivers. Asset planning is outside the scope of operation of the Licensee. 1.8 Likelihood and consequences of asset failure are predicted. Response: The AMP meets this criterion as there are risk assessments of asset failure and consequences. Plans are regularly reviewed and updated. **A1** Response: The review of the broader aspects cannot be undertaken by the Licensee but the AMP for this asset can be reviewed. Evaluation Criteria summary Infigen Energy 1.1 Asset management plan covers key requirements. **A1** Response: As significant investors in the market they will have robust asset management processes. 1.2 Planning process and objectives reflect the needs of all stakeholders and is integrated with business planning. Response: Asset planning is a core business function. The needs of stakeholders are part of the process. 1.3 Service levels are defined. **A1** Response: The AMP defines service levels for this site. The power purchase agreement also specifies service levels. 1.4 Non-asset options (eg demand management) are considered. Response: As an energy business, non-asset solutions are a rejection of an acquisition or development decision. 1.5 Lifecycle costs of owning and operating assets are assessed. Response: The process meets this criterion as lifecycle costs of owning and operating assets are assessed. 1.6 Funding options are evaluated. Response: Funding is determined by what is necessary to serve generating operational and maintenance functions. Asset planning would not involve the Licensee 1.7 Costs are justified and cost drivers identified. Response: Any proposal would include justification of costs and identification of cost drivers including availability and reliability of supply. The policy has a compressive evaluation of funding options. 1.8 Likelihood and consequences of asset failure are predicted. **A1** Response: There are risk assessments of asset failure and consequences. 1.9 Plans are regularly reviewed and updated. **A1**

Response: The AMP meets this criterion the plans for this site are reviewed annually.							
Asset ma	Asset management process and policy definition						
Process	V	Policy	V	Documentation	V		
HSE Mana Register, I (WTG) lay	Evidence: interviewed John McDonald, Igor Brandao, Grant Gleeson, Site supervisor, HSE Manager, Operations Engineer, listed staff. Documents: Generation Licence, Asset Register, Environmental Plans and Approvals, Spares List, Wind Turbine Generators (WTG) layout plan, Risk management policy, Risk register						
Asset ma	nag	ement performai	nce				
Process		Availability		Use			
Issues	1.			60			
The Licensee's role, business model and resources are those consistent with operating and maintaining wind turbine generation plant and does not have the capacity to undertake strategic asset management functions. Given this context the plan is appropriate for the scale and nature of the business.							
Recomme	enda	ntion			Ţ		
None			V				

Asset Creation	Process/Policy rating	Effectiveness rating		
	Not Performed	Not Rated		

2. Asset creation and acquisition

Asset creation/acquisition means the provision or improvement of an asset where the outlay can be expected to provide benefits beyond the year of outlay.

Observations

Policies and procedures for asset creation / sample creation activities

Procurement of major electricity plant is a very significant exercise taking considerable time. There has been no asset creation of the generation plant in the audit period by the Licensee. The Licensee is a subsidiary of the parent/owning company and has no resources and accordingly the Licensee has no capacity to undertake asset creation functions. There has not been any major capital development since commissioning.

Meeting statutory obligations

There are documents (AMP) requiring employees and contractors to meet statutory obligations.

Evaluation Criteria summary Licensee

Full project evaluations are undertaken for new assets, including comparative assessment of non-asset solutions.

NPNR

Response: Asset creation is outside the scope of operation of the Licensee.

2.1 Evaluations include all life-cycle costs

NPNR

Response: Asset creation is outside the scope of operation of the Licensee.

2.2 Projects reflect sound engineering and business decisions

NPNR

Response: Asset creation is outside the scope of operation of the Licensee.

2.3 Commissioning tests are documented and completed

NPNR

- Response: Asset creation is outside the scope of operation of the Licensee. This will be the outcome of the owning parent company deciding to create an asset and when the operating and maintenance contract is put in place before or after commissioning. The commissioning of the existing plant was completed and documented with acceptance testing and handover checklists. (5.3 of SRMTMP plan)
 - 2.4 Ongoing legal/environmental/safety obligations of the asset owner are assigned and understood

Response: These responsibilities are assigned in the AMP.

Evaluation Criteria summary Owner

2.1 Full project evaluations are undertaken for new assets, including comparative assessment of non-asset solutions.

ANR

Response: Full project evaluations will occur for Asset creation. The acquisition policy has full project assessments with testing of worst case downside case.

Non-asset solutions will result in not proceeding with the project.

2.2 Evaluations include all life-cycle costs

ANR

Response: Evaluations will occur life cycle costings as occurred for this site.

2.3 Projects reflect sound engineering and business decisions

ANR

Response		e owners nave the cisions as occurre			SO	una engineering ana b	usiness
2.4				documented and	con	npleted	ANR
Response	: Th do	e owners have th cumented and co	e re mpl	esources to ensure eted as occurred t	coi for t	mmissioning tests are his site.	
2.5	•	, , ,		, ,	tions	s of the asset owner ar	
Response		igned and unders			ınde	erstood eg in SRMTMP	ANR
ixesponse	7. III	ese responsibiliti	cs a	ile assigned and d	iiiue	istoud eg in Sixivi ivir	•
Asset ma	กลต	ement process :	and	policy definition			
Addet me	ıııug	cinoni process i	411G	policy definition			
Process	V	Policy	V	Documentation	V		
						rant Gleeson, Site sup	
	ager	, Operations Eng	inee	er, listed staff. Doo	cum	ents: SRMTMP, Asset	
Register,							
Asset ma	nag	ement performa	nce				
Process	V	Availability	A	Use	V		
Issues							
The Licen	see'	s role, business r	nod	el and resources a	are t	hose consistent with	
		•				and does not have the	
		•	ass	et creation function	ns. ¯	The procurement proce	esses
are appro	prıat	e for this site.					
Recomm	enda	ation					
None.							
			04				

Asset Disposal	Process/Policy rating	Effectiveness rating
	Not Performed	Not Rated

3. Asset disposal

Effective asset disposal frameworks incorporate consideration of alternatives for the disposal of surplus, obsolete, under-performing or unserviceable assets. Alternatives are evaluated in cost-benefit terms.

Observations

Policies and procedures for asset disposal / sample disposal activities

There is no disposal action in the audit period to form an opinion about effectiveness.

The responsibility for asset disposal belongs with the parent company and not the Licensee.

The owner (Infigen Energy) has disposal and remediation obligations/processes but no Australian activity in the review period.

There was no disposal action in the review period.

Evaluation Criteria summary Licensee

- 3.1 Under-utilised and under-performing assets are identified as part of a regular systematic review process NPNR
- Response: Asset disposal is outside the scope of operation of the Licensee. There are make good requirements in land leases and in the Environmental approval for this site. The Licensee is responsible for the utilisation of the existing plant and has monthly performance reporting. The service agreement and SRMTMP has a focus on performance.
 - 3.2 The reasons for under-utilisation or poor performance are critically examined and corrective action or disposal undertaken **NPNR**
- Response: Asset disposal is outside the scope of operation of the Licensee. For this site the most likely issue is plant failures and these are critically examined. The service agreement and SRMTMP has a focus on performance. Performance is monitored continuously and discussed at monthly and quarterly meetings.
 - 3.3 Disposal alternatives are evaluated

NPNR

- Response: Asset disposal is outside the scope of operation of the Licensee. There is no likelihood of disposal of the plant as it is the sole asset of the Licensee and will not be a decision by the Licensee but by the parent company.
 - 3.4 There is a replacement strategy for assets NPNR
- Response: Asset disposal is outside the scope of operation of the Licensee. The plan (service agreement and SRMTMP) meets this criterion and allow for equipment replacement but not plant replacement There are make good requirements in land leases and in the Environmental approval for disposal. The owner (Infigen Energy) has disposal and remediation processes but no activity in the review period.

Evaluation Criteria summary Owner

3.1 Under-utilised and under-performing assets are identified as part of a regular systematic review process

ANR

Response:		jular s	systematic review	prod	tem or portions the cesses of performa enough to warrant of	ince. The
3.2	The reasons for u examined and cor			•	formance are critica Indertaken	ally ANR
Response:		ntena	nce arrangement	has	ns for poor perforn a focus on perforn e contract.	
3.3	Disposal alternati	ves ai	re evaluated			ANR
Response:	The assets have operiod.	lefine	d contract life and	l will	not be disposed w	ithin that
3.4	There is a replace	ement	strategy for asse	ts		ANR
Response:	Walkaway Wind P There are remedia requiring above gr underground cabli in place for the co liability to account	ies for ower ation of the cound on the cound on the cound of the country of the c	r expansion could 2 & 3. The plant obligations upon o structures to be r be buried to a de ed use of landown e costs of decom	l be is m lecol emo pth o ers. miss	will not be disposed explored, there are an aintained for contra mmissioning, genewed and hardstand 300mm. Roads with Walkaway is accrusioning the site at the counting standards	e plans for act life. erally ds and will be left uing a he end of
Asset mar	nagement process	and	policy definition			
Process	✓ Policy	V	Documentation	V		
HSE Mana Business p	interviewed John Mager, Operations En blan magement perform	ginee	r, listed staff. Do			
Process	□ Availability		Use			
Issues			124			
operating a	see's role, business and maintaining win undertake strategi	d turk	oine generation pl	ant a		
Recomme	ndation					
None						

Environmental analysis	Process/Policy rating	Effectiveness rating
	A	1

4. Environmental analysis

Environmental analysis examines the asset system environment and assesses all external factors affecting the asset system.

Observations

Standards / monitoring / reporting / breaches

The Licensee is a subsidiary of the parent/owning company and has no resources and accordingly the Licensee has no capacity to undertake the strategic environmental assessment roles. The Licensee has environmental management policies. Reporting and monitoring tools are appropriate.

The Licensee has planning approval from the City of Greater Geraldton.

The parent company has the responsibility for market surveillance for expansion opportunities or threats. The AMP addresses the economic, technological, market, political and regulatory risks from the perspective of this asset.

The principal external opportunity is carbon pricing and raising the cost of competitors. Threats are extreme weather – lightning (affects blades as internal lightning protection is not totally effective) and high wind fluctuations (affects gear boxes). There are major spares holdings for critical plant failures such as a spare generator in Perth, spare gear boxes in Geraldton and 3 spare blades on site. Critical minor spares are held.

The input of the external environment to asset planning is carried out by the Licensee for this plant but not in relation to strategic environmental issues.

There have been no environmental issues.

Evaluation Criteria summary Licensee

4.1 Opportunities and threats in the system environment are assessed NPNR Response: Assessing opportunities and threats in system environment would be made by the owners and not the Licensee. The Licensee does not carry out the external functions as the Licensee's business model and resources are those consistent with operating and maintaining wind turbine generation plant and they do not have the capacity to undertake external environmental functions outside those affecting this plant.

4.2 Performance standards (availability of service, capacity, continuity, emergency response, etc) are measured and achieved

Response: The arrangement with the owner meets this criterion with service standards defined and measured and achieved.

4.3 Compliance with statutory and regulatory requirements A1

Response: The arrangement with the owner meets this criterion and the Licensee's policy documents and SRMTMP (3.6) require compliance with statutory and regulatory obligations. There have been no environmental breaches.

4.4 Achievement of customer service levels

Response: The plant has achieved the required performance targets.

Evaluation Criteria summary Owner

4.1 Opportunities and threats in the system environment are assessed A1

A1

Response:	Opportunities and threats assessment is part of the acquisition policy Change in Western Australian market may have an effect on such developments.										
4.2	Performance standards (availability of service, capacity, continuity, emergency response, etc) are measured and achieved A1										
Response:	Response: The AMS meets this criterion with service standards defined for this site.										
4.3	Compliance with sta	tutor	y and regulatory r	equi	irements	A1					
Response:	The policy docume obligations.	nts r	equire compliance	wit	h statutory and regula	tory					
4.4	Achievement of cu	stom	er service levels			A1					
Response:	The plant has achie	eved	the required perfo	orma	ance targets.						
Asset mar	nagement process	and	policy definition		1						
Process	☑ Policy	Ø	Documentation	☑							
HSE Mana	ger, Operations Eng ntal Plans and Appr	ginee	r, listed staff and	staff	ant Gleeson, Site sup on site listed. Docum SRMTMP, Risk manaç	nents:					
Asset mar	nagement performa	ance		1							
Process	✓ Availability	V	Use	$\overline{\mathbf{A}}$							
Issues					I						
owners and compliance operates.	d not the Licensee. I	For th	nis site, there are	no e	nt would be made by nvironmental non- environment in which						
Recomme	ndation										
None											

Asset ope	rati	ons	Pro A	ocess/Policy rati	ng	E 1	fectiveness	rating	
5. Asset	op	erations				<u> </u>			
Operations service lev			the d	ay-to-day running	of as	ssets and	d directly affe	ct	
Observati	ons	}							
The general standards. site, performaintenant constrained	ation The min ce o	n assets are 54 e operational pog g local switchir on the turbines of System Mana	wind olicies and band band band band band band band	peration / sample turbines. The plar are well documer rder to conduct so alance of plant. Th nt from their opera stered Market Par	nt is on ted. thedune pla ations	construct The Liculed and ant can be centre.	ensee operat unscheduled be remotely The plant is	tes the	
The asset	regi	ster is part of the	he Lice	ensee's maintena	nce l	T system	1.		
The plant i Alinta Ener	s op gy(Sales) as desc	Licens	ee in combination above. The resour ing procedures ar	cing	is appro			
5.1 Response: 5.2	Evaluation Criteria summary 5.1 Operational policies and procedures are documented and linked to service levels required A1 Response: The arrangement with the owner meets this criterion with service standards defined. Operational procedures are documented. Planned maintenance takes place at low wind forecast times. 5.2 Risk management is applied to prioritise operations tasks A1 Response: There is very little operational control at site other than maintenance requirements. Risk analysis is applied by developing a task hazard analysis for all tasks on the site.								
5.3 Response:									
5.4 Operational costs are measured and monitored A1 Response: Operational costs – equipment, staffing, contracts and materials are measured and monitored.									
5.5 Staff resources are adequate and staff receive training commensurate with their responsibilities A1 Response: Training certificates maintained in register and are current. Training opportunities are also taken less formally in toolbox meetings. Staff are adequate for effective operation of the plant.									
Asset mar	nag	ement proces	s and	policy definition					
Process	$\overline{\checkmark}$	Policy	\square	Documentation	Ø				

Asset Maintenance	Process/Policy rating	Effectiveness rating
	A	1

6. Asset maintenance

Maintenance functions relate to the upkeep of assets and directly affect service levels and costs.

Observations

Policies and procedures for asset maintenance / sample activities

Maintenance costs are closely monitored as they are a key indicator of performance.

Maintenance is by contract to Vestas (plant manufacturer) for scheduled and unscheduled maintenance for WTG and Downer for balance of plant. There are performance measures that are being met.

Contract maintenance is controlled by an IT system (SAP - 740) that coordinates tasks, incorporates condition, risk, breakdown and time based maintenance. Work orders are prioritised on the basis of the works impact on safety, environment and operational availability. Spare parts required for standard jobs and inventories are being developed as part of the system. Vestas has local spares and Vestas fleet spare sin India.

The asset plan for operations, maintenance and contingencies contains performance measures. The equipment manufacturer requires maintenance to their standard and frequency to validate warrantee conditions.

There have been failures due to lightning which is unavoidable and to gear boxes which is a consequence of the high duty and high wind factors on the site (plant is working very hard). There have been a number of cable joint faults mainly attributable to poor initial choice of jointing equipment. The current joints are to a high standard and there has been no failure of replaced joints. Repair is by jointers located in Geraldton and joining equipment spares are held (Downer contract). The Licensee is investigating welding the Aluminium cables for jointing.

Training / resources / exceptions

Maintenance is scheduled well into the future and these actions appear appropriate for the type of equipment. The resourcing is appropriate and ongoing training is evident as are the operating procedures and practices. High Voltage training occurs. Plant maintenance appears to take due allowance of any exceptions in the licensed plant.

Evaluation Criteria summary

6.1 Maintenance policies and procedures are documented and linked to service levels required A1

Response: The arrangement with the owner meets this criterion with service standards defined. Policies and procedures are documented.

6.2 Regular inspections are undertaken of asset performance and condition

A1

Response: The arrangement with the owner meets this criterion with inspections undertaken as part of manufacturer's maintenance conditions

6.3 Maintenance plans (emergency, corrective and preventative) are documented and completed on schedule

A1

Response: Corrective (condition based) and preventative maintenance plans can be recorded in the SAP system. Each WTG has maintenance scheduled. The

		pla ma	arrangement with the parent company meets this criterion. Maintenance plans are documented and completed on schedule. The equipment manufacturer requires maintenance to their standard and frequency to validate warranted conditions. Performance of each WTG is compared to										
		oth	others on site and with Vestas fleet worldwide. Predicting gearbox changes on condition monitoring has led to lower frequency of breakdowns.										
	6.4		Failures are analysed and operational/maintenance plans adjusted where										
	6.5		necessary A1										
	6.5	Me on	Response: Failures are analysed locally, by Vestas engineering in Melbourne and if required in Denmark. There have been lightning strikes on blades (~1/year) which damaged a WTG in 2015. There have been cable termination faults (~2/year) with these being caused by poor										
Doon	2000	no wa ma	orkmanship on or failures of new jo arranting adjustmo anagement is app	igina pints ent d plied	al installation. The s. There was no e of the plans withi I to prioritise mair	e join evide n the ntena	nts have been reworked with nnce of significant failure review period. Risk nnce tasks						
Respo	onse.				nce, industry and		en developed over a period of ld standards.						
	6.6				measured and m								
Respo	onse:		luce the likely imp				and monitored by the site to monthly meetings to monitor						
			e performance of et worldwide.	the	fleet is compare	d to t	he performance of Vestas						
Asse	t mar	nage	ement process a	and	policy definition	1							
Proce	ess	V	Policy	V	Documentation	V							
HSE Mana analy proce agree Busin	Evidence: interviewed John McDonald, Igor Brandao, Grant Gleeson, Site supervisor, HSE Manager, Operations Engineer. Inspected site. Documents: Include Asset Management Plan (AMP), Financial statements, Job safety and environmental analysis procedure (in SRMTMP), Risk policy and specific risk management procedures. Walkaway Australia asset acquisition policy, long term maintenance agreement, Operations and maintenance manual contents, Infigen Australian Business Strategy Risk register												
Asse	t mar	nage	ement performa	nce									
Proce	ess	V	Availability	V	Use	Ø							
Issue	es				1-0								
None													
Reco	mme	nda	tion										
None	None												

Asset Management	Process/Policy rating	Effectiveness rating
Information System	A	1

7. Asset Management Information System (MIS)

An asset management information system is a combination of processes, data and software that support the asset management functions

Observations

Policies and procedures

The Licensee has a competent asset management information system with a number of elements. It has spreadsheets managing expenditure and the equipment contractor has a dedicated maintenance management database (SAP 740) to control a complex list of items. The maintenance system links project management to scheduled tasks to standard work plans (assisting with safety and change management), asset register and parts inventory. Documentation is appropriate. The Licensee uses Jira to manage their monitoring and Scada is a Vestas custom application (Vestas Online Business).

Access to write to the database is controlled (passwords) and changes are tracked. There is a backup server on site which automatically backs up every week. The power station is a controlled access site which provides adequate physical security for IT systems.

Evaluation Criteria summary

- 7.1 Adequate system documentation for users and IT operators
- Response: The IT system is well documented. The system is intuitive with online assistance and documentation is rarely required. The viewing of Historic data is also intuitive.
 - 7.2 Input controls include appropriate verification and validation of data entered into the system A1
- Response: The system is easy to use with a maintenance focus rather than a database focus and includes appropriate verification and validation of data entered into the system.
 - 7.3 Logical security access controls appear adequate, such as passwords
- Response: Logical control is adequate with hierarchical access by password.

 Personnel are automatically logged out of computer systems after periods of inactivity.
- 7.4 Physical security access controls appear adequate A1
 Response: Physical security is adequate with the system on access controlled site.
 - 7.5 Data backup procedures appear adequate and backups are tested A1
- Response: Data backup is carried out daily and weekly on all servers. The databases are duplicated in Sydney and backups are tested monthly.
 - 7.6 Key computations related to Licensee performance reporting are materially accurate

 A1
- Response: There is minimal regular computation work. Key computations related to Licensee performance reporting are materially accurate, to the extent possible to assess with visual inspection.
 - 7.7 Management reports appear adequate for the Licensee to monitor licence obligations A1

Response: No detailed management reports are generated by the SAP system which										
would assist to monitor licence obligations. The key reports are for										
performance monitoring.										
Asset management process and policy definition										
Process	Ø	Policy	V	Documentation	Ø					
Evidence	: Jol	n McDonald, Igo	r Bra	andao, Grant Glee	eson	, Site supervisor, HSE				
•	•	•		pected site. Docu						
•						ty and environmental				
		•	•			c risk management				
•		-			•	long term maintenance				
Business			mer	nance manual cor	nem	s, Infigen Australian				
Dusiliess	Silai	.egy.								
Asset ma	nag	ement performa	nce	6.0						
Process	Ø	Availability	V	Use	Ø					
Issues					Ę.					
None					/					
Recomm	enda	ntion								
None										
				V		V				

Risk management	Process/Policy rating	Effectiveness rating
	A	1

8. Risk management

Risk management involves the identification of risks and their management within an acceptable level of risk.

Observations

Policies and procedures

There is evidence that risk based approaches being carried out particularly as it affects security of the plant. Risk assessment documents, risk plans and risk register have been sighted. The AMP addresses the economic, technological, market, political and regulatory risks from the perspective of this asset.

Training

There is evidence of training and awareness by staff of risk based approaches particularly in approaches to tasks where JSA (Job Safety Analysis) are prepared for all work.

Evaluation Criteria summary

- 8.1 Risk management policies and procedures exist and are being applied to minimise internal and external risks associated with the asset management system.

 A1
- Response: The arrangement with the owner meets this criterion. Risks are assessed and drive maintenance in particular. There are spare on site for immediate use and in Melbourne for lower likely frequency/consequence events. There are spare blades on site.
 - 8.2 Risks are documented in a risk register and treatment plans are actioned and monitored.

 A1
- Response: The risk process is set out in the AMP. There is a risk register. The arrangement with the owner meets this criterion. The risk register has been sighted.
 - 8.3 The probability and consequences of asset failure are regularly assessed

 A1

Response: During the review period, the risks of asset failures have been assessed based on probability and consequence parameters. Forced outage events are studied with Jira to reduce the likely frequency /consequences of future events.

Asset management process and policy definition

Process	V	Policy	V	Documentation	V	

Evidence: interviewed John McDonald, Igor Brandao, Grant Gleeson, Site supervisor, HSE Manager, Operations Engineer. Inspected site. Documents: Include Asset Management Plan (AMP), Financial statements, Job safety and environmental analysis procedure (in SRMTMP), Risk policy and specific risk management procedures. Walkaway Australia asset acquisition policy, long term maintenance agreement, Operations and maintenance manual contents, Infigen Australian Business Strategy

Asset management performance											
Process	Ø	Availability	V	Use	V						
Issues				l	-						
None											
Recommendation											
None											

Continge	ency	planning	Pro A	ocess/Policy ratii	ng		Effectiveness rating
9. Cont	ting	ency planning					
Continger	ncy p	olans document t	he st	eps to deal with th	ne une	xpe	cted failure of an asset.
Observat	ions	3					
The Licen	see		nten			seve	ral years, with minor
The maintoutages.	tena	nce regime is ge	ared	to keeping the pla	ınt ope	eratio	onal without forced
		ntingency plans tests safety syste	ems	routinely.			
The maint outages.	tena	nce regime is ge	ared	to keeping the pla	int ope	eratio	onal without forced
	op a p va Cr Sta Th an	perability and to do the Licensee has do plant failures and nes was exercise itical spares are andard spares are the Licensee has a nually (logged in anagement plan.	docu the ed by ident e on an er Jira	r higher risks mented procedure contingency of a s v live actions. dified and acquired site and lower fre mergency manage and business con	es for p pare g includ quenc ement p	olant gearl ding y ite olan	
Asset ma	anag	ement process	and	policy definition			
Process	V	Policy		Documentation	V		/
HSE Man Managem analysis p procedure agreemer	ager nent proce es. W nt, O Stra	r, Operations Eng Plan (AMP), Fina edure (in SRMTM /alkaway Austral perations and ma	ginee incia IP), f ia as ainte	nald, Igor Brandacer. Inspected site. It statements, Job Risk policy and spected acquisition polenance manual contental Aspects and	Docum safety ecific r licy, lo	nents and isk r ng te Infig	environmental management erm maintenance gen Australian
Asset ma	anag	ement performa	nce				
Process	Ø	Availability	Ø	Use	I		
Issues	1	ı	1		I		
None							

Recommendation	
None	



Financial	inancial planning Process/Policy rating Effectiveness rating A										
10. Fina	10. Financial planning										
The financial planning component of the asset management plan brings together the financial elements of the service delivery to ensure its financial viability over the long term.											
Observat	Observations										
The Licen year busir	see ness	plan with a on	lans, b e year	budget and projec	tions	ng processes. There is 5- s for 4 years. Licensee's budget and then					
	inan	cial progress.				e responsible for reporting					
		iteria summary									
Response	 10.1 The financial plan states the financial objectives and strategies and actions to achieve the objectives A1 Response: The arrangement with the parent meets the obligations as it states the financial objectives and strategies and actions to achieve the objectives. 10.2 The financial plan identifies the source of funds for capital expenditure and recurrent costs A1 Response: The arrangement with the parent meets the requirement with current earnings more than sufficient to cover recurrent costs with any excess 										
	co: 3 <i>Th</i> los e: Th	sts managed a re financial plar ss) and statem re financial plar	nt corpo on provi ent of a n provi	orate level. There a des projections of financial position (des projections of	are n <i>oper</i> balar oper	rating statements (profit and					
	loss) and statement of financial position (balance sheets). 10.4 The financial plan provides firm predictions on income for the next five years and reasonable indicative predictions beyond this period A1 Response: The financial plan provides predictions on income for the next five years. The owner's corporate model provides long term forecasts beyond this period										
	10.5 The financial plan provides for the operations and maintenance, administration and capital expenditure requirements of the services A1 Response: The financial plan provides for the operations and maintenance,										
	administration and capital expenditure requirements of the plant. 10.6 Significant variances in actual/budget income and expenses are identified and corrective action taken where necessary A1 Response: When significant variation in expenditure or budget are noted this is investigated.										
Asset ma	nag	ement proces	s and	policy definition							
Process	V	Policy	Ø	Documentation	V						

Evidence: interviewed John McDonald, Igor Brandao, Grant Gleeson, Site supervisor, HSE Manager, Operations Engineer. Inspected site. Documents: Include Asset Management Plan (AMP), Financial statements, Job safety and environmental analysis procedure (in SRMTMP), Risk policy and specific risk management procedures. Walkaway Australia asset acquisition policy, long term maintenance agreement, Operations and maintenance manual contents, Infigen Australian Business Strategy, WWP 5-year financial plan **Asset management performance** $\overline{\mathbf{A}}$ **Process** Availability Use Issues None Recommendation None

Capital exp	penditure	Process/Policy rating A	Effectiveness rating 1					
11.Capital expenditure planning								
The capital expenditure plan provides a schedule of new works, rehabilitation and replacement works, together with estimated annual expenditure on each over the next five or more years.								
expected to		d to be large and lumpy, project years, preferably longer. Project on firm estimates.						
Observation	ons							
	enditure process / pee has financial pla	olans ns, budgeting and monitoring p	processes.					
Revenue is retained for potential capital expenditure and managed in the organisational structure at corporate level. The contracting arrangements mean that Walkaway has predictable revenue and cost structures. The Service Agreement with Vestas contains provisions for parts and capital expenditures. Under these circumstances current earnings are more than adequate to fund capital expenditure requirements.								
11.1 Response:	actions proposed, in The arrangement with the required to mail breakdowns is schenext 3 years. The plan provides in expenditure. The arrangement with its scheduled according to the mail the arrangement with the arrangement with the required by the mail the arrangement with the required by the requ	expenditure plan that covers issolves ponsibilities and dates with the parent meets the obligatintain to the manufacturer's reduled. Thereis no capital expenditure reasons for capital expenditure with the parent meets the obligating to the service frequency (nufacturer. The long-term servicer and the balance of plant contributed in the service frequency (and the balance of plant contributed in the service frequency (and the balance of plant contributed in the service frequency (and the balance of plant contributed in the service frequency (and the service	ations. The expenditure is quirements or any enditure p[lanned in teb e and timing of A1 ations, capital expenditure blade replacement etc) as vice agreements with the					
11.3	planned works	liture plan is consistent with the						
	identified in the ass The arrangement w	set management plan with the parent meets the obligated required to maintain to the ma	A1 ations. Capital					
	regularly updated a	ate process to ensure that the cand actioned with the parent meets the obligation.	A1					

 \checkmark

Process

Policy

 \checkmark

Documentation

 \checkmark

Evidence: interviewed John McDonald, Igor Brandao, Grant Gleeson, Site supervisor, HSE Manager, Operations Engineer. Inspected site. Documents: Include Asset Management Plan (AMP), Financial statements, Job safety and environmental analysis procedure (in SRMTMP), Risk policy and specific risk management procedures. Walkaway Australia asset acquisition policy, long term maintenance agreement, Operations and maintenance manual contents, Infigen Australian Business Strategy, WWP 5-year financial plan **Asset management performance** $\overline{\mathbf{A}}$ **Process** Availability Use Issues None. Recommendation None

Review of AMS		Process/Policy rating A			Effectiveness rating					
12. Review of AMS										
The asset management system is regularly reviewed and updated.										
Observat	Observations									
	As a supplier of electricity, the service delivery is heavily asset based and needs an AMS. There is ongoing review of the asset management plan.									
	Evaluation Criteria summary - Licensee 12.1 A review process is in place to ensure that the asset management plan and the asset management system described therein are kept current ANR									
Response: The review of the strategic level aspects is not undertaken by the Licensee but by the parent company. 12.2 Independent reviews (e.g. internal audit) are performed of the asset management system ANR Response: The review of the broader aspects are not undertaken by the Licensee. Review of the arrangement with the parent is assigned to the Executive General Manager, Operations.										
Evaluation	n Cri	iteria summary – i	Infig	en Energy						
12.1 A review process is in place to ensure that the asset management plan and the asset management system described therein are kept current A1										
Respons	e: F	Reviews are regul	ar (r	monthly reporting	and annu	al review).				
12.2 Independent reviews (e.g. internal audit) are performed of the asset management system A1										
Response: Management assurance audits of the Licensee's responsibilities are carried out on an annual basis. At the parent company level, Infigen's Internal Audit Manager runs an audit program reporting to the board. The audit program is determined each year based on a risk assessment.										
Asset management process and policy definition										
Process	Ø	Policy	Ø	Documentation	Ø					
Evidence: interviewed John McDonald, Igor Brandao, Grant Gleeson, Site supervisor, HSE Manager, Operations Engineer. Inspected site. Documents: Include Asset Management Plan (AMP), Financial statements, Job safety and environmental analysis procedure (in SRMTMP), Risk policy and specific risk management procedures. Walkaway Australia asset acquisition policy, long term maintenance agreement, Operations and maintenance manual contents, Infigen Australian Business Strategy										
Asset management performance										
Process		Availability		Use						

Issues		
None		
Recommendation		
None		



3 PHOTOGRAPHS



Wind Turbine and spare blades



Wind Turbine head gear.