

From: ["Alice Lin" <Alice.Lin@genesisenergy.co.nz>](mailto:Alice.Lin@genesisenergy.co.nz)

To: ["District Plan" <districtplan@mackenzie.govt.nz>](mailto:districtplan@mackenzie.govt.nz)

Date: 1/15/2023 12:30:20 PM

Subject: Plan Change 22 - further submission from Genesis Energy

Attachments: 230116 MDP PC22 Genesis Further Submission.pdf

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Hello

Please find attached, further submission from Genesis Energy Ltd (submitter #11) on proposed Plan Change 22 (Lighting) to the Mackenzie District Plan.

We would appreciate if an acknowledgement reply could be provided please to confirm receipt. Many thanks.

Kind regards



Alice Lin | Environmental Policy and Planning Advisor
Genesis Energy Ltd
M. 021 0221 1943



Further Submission by Genesis Energy
Limited

Trading as Genesis

ON

Mackenzie District Plan Review – Stage 2
Proposed Plan Change 22 (Light Chapter)

16 January 2023

Further Submission by Genesis Energy
Limited

Trading as Genesis

ON

Mackenzie District Plan Review – Stage 2
Proposed Plan Change 22 (Light Chapter)

To: Mackenzie District Council
53 Main Street
Fairlie 7925

Date: 16 January 2023

Name: Genesis Energy Limited

Contact: Alice Lin
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1. Introduction

Genesis Energy Limited (**Genesis, submitter #11**) makes the specific further submissions on Proposed Plan Change 22 (**PC22**) relating to the Light Chapter in the Mackenzie District Plan, as set out in the table below.

In accordance with Clause 8(1) of the First Schedule of the Resource Management Act 1991, Genesis has an interest on PC22 greater than the interest of the general public. Specifically, within the Mackenzie district, Genesis owns and operates the Tekapo Power Scheme (**TekPS, the scheme**), which is a part of the nationally significant Waitaki Power Scheme.

Genesis wishes to be heard in support of this submission. If others make a similar submission, Genesis would be prepared to consider presenting a joint case with them at any hearing.

Genesis does not gain an advantage in trade competition through this submission.

Nāku noa, nā



Alice Barnett

Environmental Policy and Planning Manager

Submitter	Sub #	Provision	Relief sought by submitter (Additions <u>underlined</u> / deletions struck through)	Support / Oppose	Reason	Relief sought by Genesis (Additions <u>underlined</u> / deletions struck through)												
Opuha Water Limited	9	LIGHT-O1	Amend LIGHT-O1: <i>Outdoor lighting allows activities to occur beyond daylight hours and provides safety and security for activities, while:</i> <i>1. protecting views of the night sky; and</i> <i>2. managing light spill to maintain amenity values and the safe operation of the transport network managing light spill to maintain amenity values and the safe operation of the transport network <u>and Regionally Significant Infrastructure</u></i>	Support	Genesis supports amending objective LIGHT-O1 to explicitly provide for outdoor lighting required for Regionally Significant Infrastructure.	Accept relief sought.												
Opuha Water Limited	9	New LIGHT-R4	Insert new LIGHT-R4: <table border="1" data-bbox="472 695 1039 1121"> <tr> <td><u>LIGHT-R4</u></td> <td colspan="2"><u>Temporary Lighting for Regionally Significant Infrastructure</u></td> </tr> <tr> <td><u>All Zones</u></td> <td><u>Activity Status: PER</u> <u>Where:</u> <i>1. Temporary lighting is required for the safe and efficient operation of Regionally Significant Infrastructure</i></td> <td><u>Activity status where compliance not achieved: Not applicable</u></td> </tr> </table>	<u>LIGHT-R4</u>	<u>Temporary Lighting for Regionally Significant Infrastructure</u>		<u>All Zones</u>	<u>Activity Status: PER</u> <u>Where:</u> <i>1. Temporary lighting is required for the safe and efficient operation of Regionally Significant Infrastructure</i>	<u>Activity status where compliance not achieved: Not applicable</u>	Support	Genesis considers existing rule LIGHT-R1 implicitly provides for the use of exterior lighting for emergency or project purposes. However, Genesis also supports an explicit rule being proposed and considers it should provide for temporary and/or emergency uses.	Accept relief sought in additional the amendment below: <table border="1" data-bbox="1547 730 2136 1192"> <tr> <td><u>LIGHT-R4</u></td> <td colspan="2"><u>Temporary or Emergency Lighting for Regionally Significant Infrastructure</u></td> </tr> <tr> <td><u>All Zones</u></td> <td><u>Activity Status: PER</u> <u>Where:</u> <i>1. Temporary or emergency lighting is required for the safe and efficient operation of Regionally Significant Infrastructure</i></td> <td><u>Activity status where compliance not achieved: Not applicable</u></td> </tr> </table>	<u>LIGHT-R4</u>	<u>Temporary or Emergency Lighting for Regionally Significant Infrastructure</u>		<u>All Zones</u>	<u>Activity Status: PER</u> <u>Where:</u> <i>1. Temporary or emergency lighting is required for the safe and efficient operation of Regionally Significant Infrastructure</i>	<u>Activity status where compliance not achieved: Not applicable</u>
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Takapo Landco Limited and Godwit Leisure Limited	19	LIGHT-S3	Amend LIGHT-S3: <i>The corelated colour temperature of outdoor lighting shall not exceed 2500K <u>3000K</u></i> Or alternatively <u>2700K</u>	Support	Genesis consider 2500K colour temperature is the lowest reasonable; however agrees with the Submitter that a higher colour temperature up to 3000K provides more lighting choices whilst managing potential adverse effects in conjunction with provisions such as shielding.	Accept relief sought.
Waka Kotahi	20	LIGHT-S3	Amend LIGHT-S3: <i>1. The correlated colour temperature of outdoor lighting shall not exceed 2500K <u>3000K</u>, except for:</i> <i>2. <u>Within the area identified as an International Dark Sky Reserve (identified in the District Planning Maps), the correlated colour temperature of outdoor lighting shall no exceed 2200K.</u></i>	Oppose	Genesis opposes the relief limiting colour temperature of outdoor lighting within the International Dark Sky Reserve to 2200K. The lower threshold sought by the Submitter has not been adequately assessed and no explanation was offered by the Submitter on why a lower threshold is required.	Reject the relief sought and either: <ul style="list-style-type: none"> retain the PC22 notified provision where outdoor lighting, whether or not it is within the International Dark Sky Reserve, shall not exceed 2500K; or increase the colour temperature of outdoor lighting up to 3000K as sought by Submitter 19 (Takapo Landco Limited and Godwit Leisure Limited).