

Yukon Energy Corporation (YEC) 2023 – 2024 GRA

Information Requests of YEC  
from  
John Maissan

General and Introduction to the Application

JM-YEC-1-1	<p>Board Order 2023-23 and BCUC Generic Cost of Capital decision:</p> <ul style="list-style-type: none"> <li>(a) What would be the changes in residential power bills from the present through 2024 by date (and beyond if applicable) if YEC’s application is approved as submitted?</li> <li>(b) Please recalculate the response to (a) above if the BCUC GCOC decision increasing the ROE for a low risk utility by 0.90% from the previous 8.75% to the present 9.65% is applied to YEC’s proposed ROE.</li> </ul>
JM-YEC-1-2	<p>Page 7 adjusted fuel prices:</p> <ul style="list-style-type: none"> <li>(a) Please provide a table of the actual delivered fuel prices per litre for LNG and diesel (weighted by delivery volume for each location) for each month beginning in January 2021 through to the most recent complete month for which data is available.</li> <li>(b) How does Yukon Energy forecast LNG and diesel fuel supply costs will vary over the next two years?</li> </ul>

Tab 1 Introduction

JM-YEC-1-3	<p>Page 1-5 (PDF 20/597) Diesel rental costs</p> <ul style="list-style-type: none"> <li>(a) What is the average capital cost expended or expected to be expended on YEC infrastructure to be able to grid connect each additional rental diesel unit not previously required?</li> <li>(b) What is Yukon Energy’s cost in materials and labour to install and connect and then disconnect and un-install each rental diesel unit each year?</li> <li>(c) What is the rental cost per diesel unit per month ore per season?</li> <li>(d) For how many months each season are the diesel units rented? If not the same for all units, please provide a breakdown of the numbers.</li> <li>(e) What is the energy projected to be required from rental diesels for maintenance purposes only?</li> <li>(f) What is the energy projected to be required from rental diesels to meet the load forecast? Does this include any energy required for maintenance as included in the answer to (d) above?</li> </ul>
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JM-YEC-1-4	<p>Page 1-5 (PDF 20/597) Rate base additions:</p> <ul style="list-style-type: none"> <li>(a) What is the capacity (continuous) of the Faro diesels being added to the grid?</li> <li>(b) If the \$12.8 million includes infrastructure beyond the diesel generators themselves, please provide a breakdown of these costs.</li> </ul>
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Tab 3 Revenue Requirement

JM-YEC-1-5	<p>Page 3-17 (PDF 65) “Additional dependable capacity is forecast to be commissioned during 2024 ... however, pending confirmation before approximately June 2024 of ability to rely on any such new facilities during all of winter 2024/25, YEC must retain diesel rentals as currently planned.”</p> <ul style="list-style-type: none"> <li>(a) Please provide an update on when Yukon Energy now expects the BESS project to be fully installed?</li> <li>(b) How long is it anticipated that the commissioning process for “programming” the BESS to provide dependable capacity will take?</li> <li>(c) How long is the commissioning for the “programming” of the other ancillary services that the BESS is planned to provide (as per the BESS regulatory proceeding) anticipated to take?</li> </ul>
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Tab 5 Capital Projects

JM-YEC-1-6	<p>DSM programming</p> <ul style="list-style-type: none"> <li>(a) When does Yukon Energy anticipate that the proposed programming will be available to retail residential customers?</li> <li>(b) When does Yukon Energy anticipate that the proposed programming will be available to retail commercial customers?</li> </ul>
JM-YEC-1-7	<p>Please provide status updates on the following capital projects:</p> <ul style="list-style-type: none"> <li>(a) The Atlin hydro project</li> <li>(b) Southern Lakes Enhanced Storage project</li> <li>(c) Mayo Enhanced Storage project</li> <li>(d) Tutshi - Moon Pumped Hydro Storage project</li> </ul>