

July 27, 2012

Bert Viljakainen
Process Control Superintendent
Resolute Forest Products
2001 Neebing Avenue,
Thunder Bay, Ontario
P7E 6S3



Dear Mr. Viljakainen:

***Q5B Line 3 KMB Protection Relaying Replacement
Notification of Final Approval of Connection Proposal
CAA ID Number: 2012-EX607***

The IESO has now had an opportunity to review and assess your company's proposed plans to replace the existing protection relays on 802Q5B Line 3 and Kraft Mill B at Resolute Forest Products. The obsolete relays will be replaced with new relays that will have the same functionalities and settings. The new relays will also provide additional functionalities of line over-current backup protection, transformer secondary over-current backup protection, pressure, thermal, and liquid level protection. The proposed protection changes are presented below:

Project	Relay to be added	Functionality	Relay to be Removed	Functionality
KMB line protection relay replacement	<ul style="list-style-type: none">SEL 421 numerical line distance relay	<ul style="list-style-type: none">21 (distance)50/51P (pri overcurrent)	<ul style="list-style-type: none">KD-11 electromechanical line distance relay	<ul style="list-style-type: none">21 (distance protection)
KMB Transformer protection relay replacement	<ul style="list-style-type: none">SEL 787 transformer protection relay	<ul style="list-style-type: none">87 (differential)50/51P (pri overcurrent)50/51S (sec overcurrent)63,49,71	<ul style="list-style-type: none">GE Multilin 745 digital transformer protection relay	<ul style="list-style-type: none">87 (differential)50/51P (pri overcurrent)
	<ul style="list-style-type: none">SEL 787 transformer protection relay	<ul style="list-style-type: none">64P (pri gnd fault)	<ul style="list-style-type: none">ASEA voltage relay	<ul style="list-style-type: none">64P (pri gnd fault)

The in-service date for the new equipment is September 2012.

The IESO has concluded that the proposed upgrades will not result in a material adverse impact on the reliability of the integrated power system. The IESO is therefore pleased to grant **final approval** for the modification detailed above. Please send the final relay settings to protection.settings@ieso.ca. Any material changes to your proposal may require re-assessment by the IESO in accordance with Market Manual 2.10.

For further information, please contact me via connection.assessments@ieso.ca.

Yours truly,

Michael Falvo
Manager – Market Facilitation
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cc: IESO Records

All information submitted in this process will be used by the IESO solely in support of its obligations under the *Electricity Act, 1998*, the *Ontario Energy Board Act, 1998*, the *Market Rules* and associated policies, standards and procedures and in accordance with its licence. All information submitted will be assigned the appropriate confidentiality level upon receipt.