



STAFF REPORT

May 12, 2021

TITLE:

Snowbird Chairlift Drive Reserve Replacement Acceleration

RECOMMENDATION:

Accelerate reserve and replacement funds for the Snowbird chairlift drive in the amount of \$23,472.00, for the repair of the ABB drive modules. Work to be completed by ABB Inc, PFM and JMF Electric.

BACKGROUND:

On April 5th, 2021, the Snowbird chairlift drive shorted out. Staff was able to finish the season running on the auxiliary power unit – our diesel powered back up motor. Upon further investigation, we found a diode on one of the ABB modules had blown and there was some discoloration on the buss bar that supplies power to the drives. As these modules usually last 7 years before substantial maintenance is required, we are continuing to troubleshoot the cause of the issue. These consoles are only three years old but are past the two-year warranty. We intend to send them to ABB Inc. for inspection and repair.

ANALYSIS:

Standard repairs to the ABB R7i module cost \$6,841.50 each unit, plus shipping. This would include a one-year warranty on the units from ABB. Additional funds are required for our lift electrical contractor to do an investigation on the buss bar to diagnose the short.

OUTREACH:

Not applicable

FISCAL IMPACT:

The fiscal impact is the acceleration of \$23,472 in the replacement reserve fund from 2026 to 2021 to fund the diagnosis and repair of the drive modules and troubleshoot the origins of the short.

ALTERNATIVES:

Not applicable

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General Manager Approval to Place on the Agenda: _____