

2025 Budget - Supplemental Request

DESUPERHEATHER INTEGRATION WITH ARENA DHW - CHETWYND ARENA

Department:	Community Services	Supplemental Type:	Capital - New
Division:	Recreation	Priority:	High
Function:	Chetwynd Arena - 255		

Description

This is one of the projects that was identified in the implementation Incentive Program through Fortis BC. The project will install a desuperheater in the ammonia refrigeration plant which will capture waste energy from the superheated ammonia compressor discharge. This high-temp heat recovered by the desuperheater will be used to preheat the potable, domestic hot water (DHW) on the arena side of the facility. This will significantly reduce the DHW natural gas load of the facility.

Financial Information

Capital

Funding Sources	2025	2026	2027	2028	2029	5 Year Total
Requisition	47,870					47,870
						-
						-
	47,870	-	-	-	-	47,870

Expenses	2025	2026	2027	2028	2029	5 Year Total
Desuperheater Installation	47,870					47,870
						-
						-
	47,870	-	-	-	-	47,870

Operating

Funding Sources	2025	2026	2027	2028	2029	5 Year Total
						-
						-
						-
	-	-	-	-	-	-

Expenses	2025	2026	2027	2028	2029	5 Year Total
						-
						-
						-
						-