

## Vancouver Energy | Decommissioning Costs

Area 200			
Item		Remain	Decom.
1	Steel weather enclosure/structure		x
2	Steel walkways and crossovers		x
3	Access platforms		x
4	Concrete trenches and vaults. <i>Note one section of the wall will remain as it will be part of the Capped area and a liner will be tied into this concrete.</i>		x
5	Pilings – will not be removed	x	
6	Pumps		x
7	Piping – product and steam		x
8	MCC buildings		x
9	Electrical wiring		x
10	Lights, horns, and strobes		x
11	Fire control buildings		x
12	Fire piping		x
13	Metering   Custody transfer skid		x
14	Office buildings		x
15	Office foundations		x
16	Water and sewer piping	x	
17	Electrical feed		x
18	Containment tanks		x
19	Asphalt parking area		x
20	Drainage catchments to remain	x	
21	Water line improvements to remain	x	
<b>TOTAL</b>		<b>\$6,500,000</b>	
Area 300			
Item		Remain	Decom.
1	Ground improvements	x	
2	Tanks		x
3	Ring wall foundation		x
4	Interconnecting piping		x
5	Pump basin concrete		x
6	Fire control building		x
7	Fire piping		x
8	Storage building		x
9	Switch gear and transfer	x	
10	Tank berm		x
11	Liner	x	
<b>TOTAL</b>		<b>\$2,000,000 to \$6,000,000</b>	

<b>Area 400</b>			
	Item	Remain	Decom.
1	All dock structural improvements, mooring changes, and control room	x	
2	Gear inside MCC room will be disconnected and wire removed, but gear to remain	x	
3	MVCU units will be removed and foundation eliminated		x
4	Spill response equipment and associated conexes will be removed		x
5	Overhead steel piping and supports		x
6	Loading platform and associated piping		x
7	Access platform to remain	x	
<b>TOTAL</b>		<b>\$1,300,000 - \$2,500,000</b>	
<b>Area 500</b>			
	Item	Remain	Decom.
1	Spread footings		x
2	Piping (all sizes)		x
3	Casing and cathodic protection for underground areas – will remain in place for future utility access	x	
<b>TOTAL</b>		<b>\$750,000 - \$1,200,000</b>	
<b>Area 600</b>			
	Item	Remain	Decom.
1	Boilers		x
2	Building		x
3	Water treatment system		x
4	Steam piping		x
<b>TOTAL</b>		<b>\$450,000</b>	

<b>RECAP</b>	
Area	Decommission Cost Estimate
200	6,500,000
300	2,000,000 - 6,000,000
400	1,300,000 - 2,500,000
500	750,000 - 1,200,000
600	450,000
<b>TOTAL</b>	<b>\$11,000,000 - \$16,650,000</b>