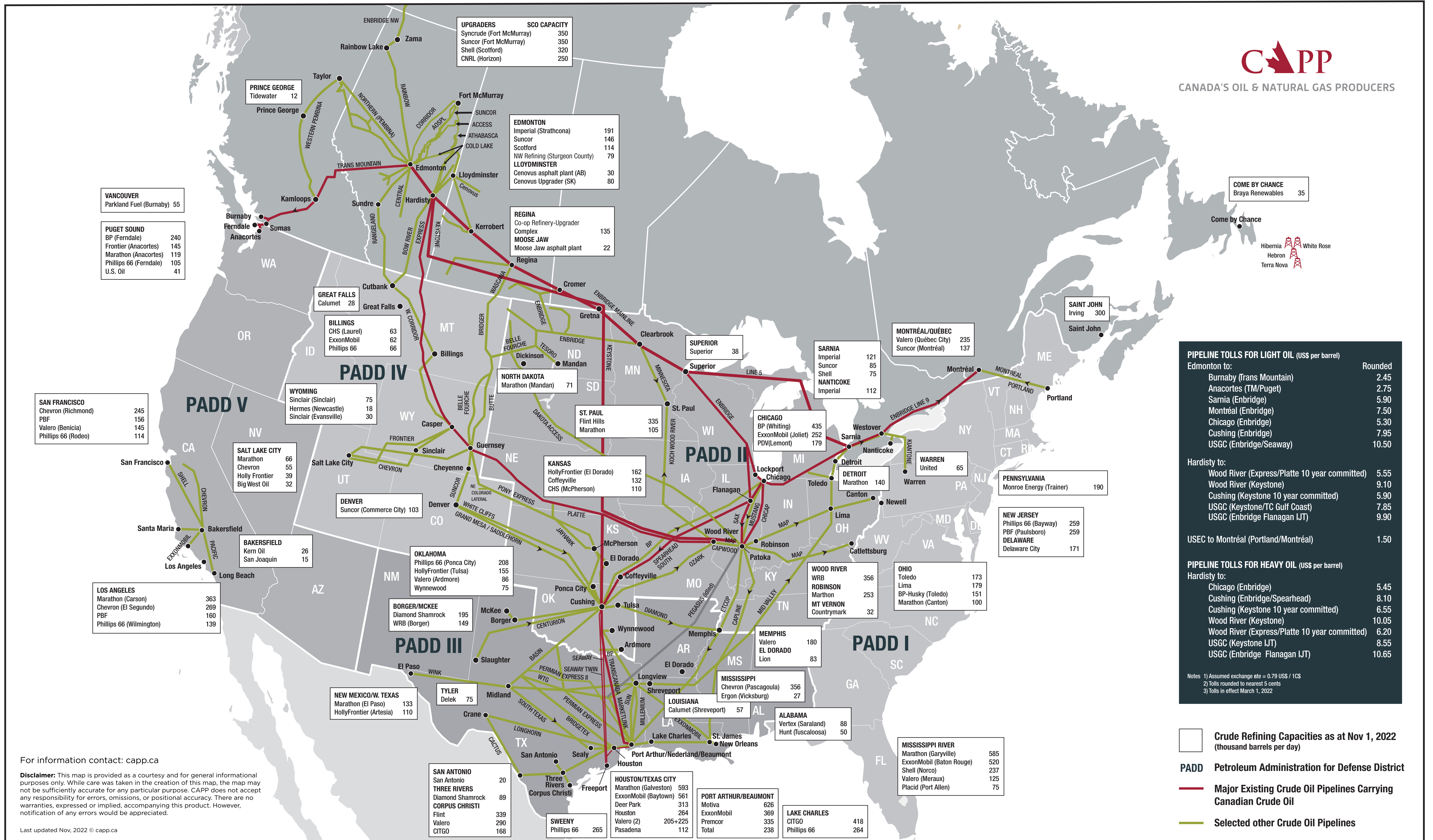


# CANADIAN AND U.S. CRUDE OIL PIPELINES AND REFINERIES - 2022



CANADA'S OIL & NATURAL GAS PRODUCERS



UPGRADERS	SCO CAPACITY
Syncrude (Fort McMurray)	350
Suncor (Fort McMurray)	350
Shell (Scotford)	320
CNRL (Horizon)	250

EDMONTON	Capacity
Imperial (Strathcona)	191
Suncor	146
Scotford	114
NW Refining (Sturgeon County)	79
LLOYDMINSTER	
Cenovus asphalt plant (AB)	30
Cenovus Upgrader (SK)	80

REGINA	Capacity
Co-op Refinery-Upgrader Complex	135
MOOSE JAW	
Moose Jaw asphalt plant	22

COME BY CHANCE	Capacity
Braya Renewables	35

Refinery	Capacity
Hibernia	
Hebron	
Terra Nova	
White Rose	

PIPELINE TOLLS FOR LIGHT OIL (US\$ per barrel)	
Edmonton to:	Rounded
Burnaby (Trans Mountain)	2.45
Anacortes (TM/Puget)	2.75
Sarnia (Enbridge)	5.90
Montréal (Enbridge)	7.50
Chicago (Enbridge)	5.30
Cushing (Enbridge)	7.95
USGC (Enbridge/Seaway)	10.50

Hardisty to:	
Wood River (Express/Platte 10 year committed)	5.55
Wood River (Keystone)	9.10
Cushing (Keystone 10 year committed)	5.90
USGC (Keystone/TC Gulf Coast)	7.85
USGC (Enbridge Flanagan IJT)	9.90

USEC to Montréal (Portland/Montréal)	
	1.50

PIPELINE TOLLS FOR HEAVY OIL (US\$ per barrel)	
Hardisty to:	
Chicago (Enbridge)	5.45
Cushing (Enbridge/Spearhead)	8.10
Cushing (Keystone 10 year committed)	6.55
Wood River (Keystone)	10.05
Wood River (Express/Platte 10 year committed)	6.20
USGC (Keystone IJT)	8.55
USGC (Enbridge Flanagan IJT)	10.65

Notes 1) Assumed exchange rate = 0.79 US\$ / 1CS  
 2) Tolls rounded to nearest 5 cents  
 3) Tolls in effect March 1, 2022

- Crude Refining Capacities as at Nov 1, 2022 (thousand barrels per day)
- PADD** Petroleum Administration for Defense District
- Major Existing Crude Oil Pipelines Carrying Canadian Crude Oil
- Selected other Crude Oil Pipelines

For information contact: [capp.ca](http://capp.ca)

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Crude Refining Capacities as at Nov 1, 2022