

Table 11. New, Shutdown and Reactivated Refineries During 2018

PAD District / Refinery	Location	Total Atmospheric Crude Oil Distillation Capacity (bbl/cd) ^a	Total Downstream Charge Capacity (bbl/sd) ^b	Date Operable	Date of Last Operation	Date Shutdown
NEW						
PAD District III		35,000				
Targa Channelview LLC	Channelview, TX	35,000		01/19		
OTHER						
PAD District IV		103,000				
^c Suncor Energy (USA) Inc	Commerce City West, CO	67,000				
^c Suncor Energy (USA) Inc	Commerce City East, CO	36,000				
PAD District V		510,500				
^d Tesoro Refining & Marketing Co	Carson, CA	363,000				
^e Par Hawaii Refining LLC	Kapolei, HI	147,500				

^a bbl/cd=Barrels per calendar day.

^b bbl/sd=Barrels per stream day.

^c Suncor, Commerce City East and Commerce City West resumed reporting as separate entities with the 2019 Refinery Capacity Report. They reported as one entity in 2018.

^d Tesoro Refining and Marketing, Wilmington and Carson began reporting as one entity with the 2019 Refinery Capacity Report.

^e Par Hawaii Refining LLC purchased the atmospheric unit at Island Energy Services Downstream and began operating as one entity in December 2018.