



HYDROCARBON PROCESSING<sup>®</sup>  
CONSTRUCTION  
**BOXSCORE DATABASE**

[www.ConstructionBoxscore.com](http://www.ConstructionBoxscore.com)

## Symbols and Abbreviations

### PROJECT or CAPACITY SYMBOL

*	First appearance in tabulation
By	Increment of capacity added
To	Total capacity after construction
Re	Revamp, modernize or de-bottleneck
Ex	Expansion in capacity or added units

### ESTIMATED COST OF PROJECT

Cost in millions of US dollars, displayed as \$MM

This cost includes other units at this site and is repeated here with those other units--whether they appear here or, completed in earlier listings.

### STATUS

A	Abandoned
C	Completed—archived from subsequent tabulations
E	Engineering
F	FEED
H	Hold
J	Proposed
M	Maintenance
P	Planning
U	Under Construction
T	Presumed Complete
S	Study



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## SYMBOL ABBREVIATIONS

bpd	barrel per day
Bcf	billion cubic feet
Bcfd	billion cubic feet per day
Bcmy	billion cubic meter per year
cfcd	cubic feet per day
cmd	cubic meters per day
gpm	gallons per minute
kg/hr	kilograms per hour
kl	kiloliter
kl/hr	kiloliters per hour
ky	kilotons per year
lb/d	pounds per day
lb/hr	pounds per hour
LTPD	long ton per day
m <sup>3</sup> /hr	cubic meters per hour
Mbpd	thousand barrels per day
Mcfd	thousand cubic feet per day
Mcfh	thousand cubic feet per hour
Mcfy	thousand cubic feet per year
Mgpb	thousand gallons per day
Mm <sup>3</sup>	thousand cubic meters
Mm <sup>3</sup> /d	thousand cubic meters per day
Mm <sup>3</sup> /hr	thousand cubic meters per hour
MMbpd	million barrels per day
MMcfd	million cubic feet per day
MMl/y	million liters per year
MMlb/y	million pounds per year
MMpcd	million pounds per calendar day
MMscfd	million standard cubic feet per day
MMNm <sup>3</sup> /h	million normal cubic meters per hour
MMNm <sup>3</sup> /y	million normal cubic meters per year
Mmtpd	thousand metric tons per year
MMmtpy	million metric tons per year
MMtpy	million tons per year
MMtpd	million tons per day
mt	metric ton
Mt	thousand tons



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mtpd	metric tons per day
Mtpy	thousand tons per year
Mtpd	thousand tons per day
MW	megawatt
MWh	megawatt per hour
Nm3/d	normal cubic meter per day
Nm3/h	normal cubic meter per hour
Scfd	standard cubic feet per day
Sm3/h	standard cubic meters per hour
tpd	tons per day
tph	tons per hour
tpy	tons per year