

CPV Keasbey Energy Center

Subchapter 18 and PSD (Significant Emission Rate - SER) Netting Analysis

^(b) Subchapter 18.7 Formula -->	IP	+ INP	+ IF	+ IA	- DO	- DC	= NI	Sub 18 & SER
Pollutant	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	tons/yr	Threshold (tons/yr)
NO _x	0	0	0	148.7	0	0	148.7	25
CO	0	0	0	110.3	0	0	110.3	100
VOC (Ozone)	0	0	0	49.9	0	0	49.9	25
SO ₂	0	0	0	39.9	0	0	39.9	40
TSP	0	0	0	77.6	0	0	77.6	25
PM-10	0	0	0	123.6	0	0	123.6	15
PM-2.5				119.3			119.3	10 ^(a)
H ₂ SO ₄				25.1			25.1	7 ^(a)
CO ₂ e				2,374,632.8			2,374,632.8	75,000 ^(a)
Pb	0	0	0	0.027	0	0	0.027	0.6
Maximum Individual HAP				3.6			3.6	10 ^(a)
Total HAPs				8.9			8.9	25 ^(a)

Notes:

(a) Reflects PSD or Major Source Significant Emission Rate increase for a source modification

(b) where:

IP = Any increase(s) in the allowable emissions of the air contaminant which occurred during the contemporaneous period and which were authorized by permits issued by the Department

INP = Any increase(s) in the allowable emissions of the air contaminant which occurred during the contemporaneous period and which came from any equipment or control apparatus for which no permit was in effect at the time of the increase

IF = Any increase in fugitive emissions of the air contaminant from the facility during the contemporaneous period

IA = Any proposed increase in allowable emissions of the air contaminant from the newly constructed, reconstructed, or modified equipment or control apparatus which is the subject of the permit application

DO = Any increase(s) in the allowable emissions of the air contaminant which occurred during the contemporaneous period, if emission offsets were secured for these increases from the facility or from another facility

DC = The sum of all creditable emission reductions at the facility during the contemporaneous period, not including any creditable emissions reductions previously used as emission offsets at the facility or any other facility

NI = The net emission increase at a facility

(Dark shaded cells are not relevant to Subchapter 18 netting.)