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De-NOx / N2O red.

Define sub-installations
Ethylene product benchmark sub-installation

ETS Permit 1
CL
Steam reforming
HNO3 plant
HDPE compound.
Ethylene oxide
HDPE compound.
NH3 prod.
N2
HNO3
Eth.
CH4 feedst.

Allocation for this heat is already included in the HNO3 product benchmark sub installation. The Ethylene oxide product benchmark sub installation should be corrected for this (because the Ethylene oxide benchmark includes heat consumption).

Fuel
Waste gases
Net Heat
CH4, H2, NH3, N2

4 separate rather than one single permit!
• See next

Ammonia – nitric acid production
FOUR separate permits

NH3
HNO3
HDPE compound.
Ethylene oxide
HDPE compound.
NH3 prod.
N2
HNO3
Eth.
CH4 feedst.

Fuel
Waste gases
Net Heat
CH4, H2, NH3, N2