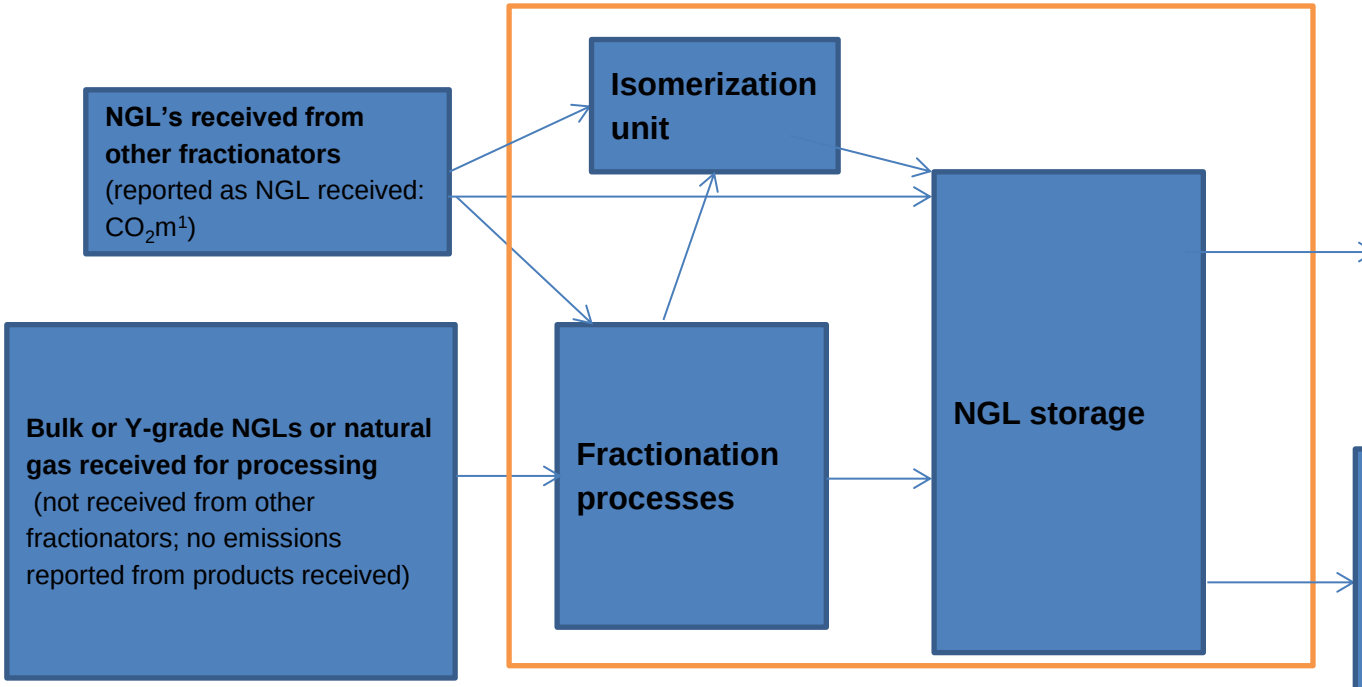
NGL Fractionation Facility Boundary

Course 2.3: Handout 2.3.2



LPG NGLs:
NGL products sold that meet the definition of LPG in 95102(a).
Reported twice in Cal e-GGRT as emissions:
--As "LPG [product]": CO_2i[1]. Covered emissions
--As "[product] (LPG and non-LPG) " total. Not covered emissions
Reported as covered product data[2] under §95156 if produced on-site (i.e., less the amount received from other fractionators)

Non-LPG: NGL products sold that DO NOT meet the definition of LPG in §95102(a).
–Reported as emissions: "[product] (LPG and non-LPG) in Cal e-GGRT" : CO_{2i1}. NOT covered emissions
--Also reported as covered product data[2] under §95156

[1]Emissions from the downstream combustion of NGLs are calculated according to §98.403(b)(4), Eq. 8:

$$CO_2 = \sum CO_{2i} - \sum CO_{2m}$$

Where **CO_2i** = Annual CO_2 mass emissions that would result from the combustion or oxidation of fractionated NGLs delivered to all customers or on behalf of customers
and **CO_2m** = Annual CO_2 mass emissions that would result from the combustion or oxidation of fractionated NGLs received from other fractionators and calculated in paragraph (c)(1) of this section (metric tons).
§95852(e)(1) "states that a producer of LPG…has a compliance obligation for every metric ton of CO_2e included in emissions data report", so only the subset of fuels that meet the definition of LPG are considered covered emissions.

[2] Pursuant to §95156(c), covered product data includes the "annual production of the following natural gas liquids in barrels". The volume of NGLs reported as product data only include those volumes fractionated by the reporting entity, and excludes any volumes received by from other NGL fractionators