Amine scrubbing for Biogas upgradation – Rate based simulation in Aspen Plus

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The energy and climate policies shaping out worldwide are supporting the use of renewable fuels. Biogas, generated from anaerobic digestion, finds its applications in energy generation and biomethane production with additional economic, environmental and climate benefits. European Union alone produced more than half of the world biogas production in 2015. For biogas upgradation to biomethane, amine scrubbing process was simulated using Aspen Plus. The rate-based model results are presented.

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