Project: Design of styrene plant with Aspen simulation combined with heat integration

Vacant: 6-9 months

Summary: Taking into account the current energy crisis situation, companies tackle strategies for energy savings. In process engineering, one important approach is the pinch method for energy integration. Therefore, simulation of styrene plant will be carried out with Aspen in order to study the critical units, hot spot energy analysis and key variables for the optimal performance. Additionally heat integration with pinch method will be considered for the whole plant to save energy and resources. Finally economic assessment and sustainability impact will be studied.

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