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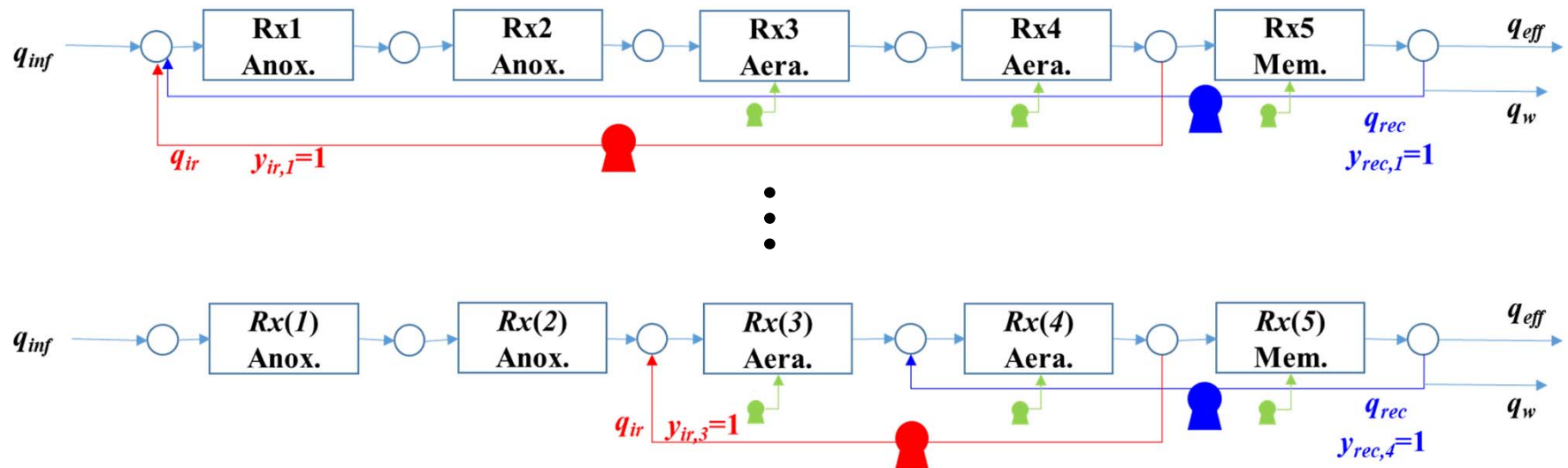
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## NLP Optimization for all the configurations of Integrated MBR systems

*Min. Obj*

*Subject to:  $h(X) = 0, g(X) \leq 0$*



**Optimal Solutions are found**  
**(Optimal process configuration, reactor sizes, and flow rates)**

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