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## Small Modular Reactors in the Petroleum Industry: A Sustainable Solution for Enhanced Operations

One of the most important factors in creating enthusiasm in oil-rich countries for the use of SMRs is to find possible applications of these reactors in the oil industry. Refinery industries are very energy-intensive and, in some cases, require a power plant of up to tens of megawatts. On the other hand, in the areas where these refineries exist, environmental pollution is very high, and the health of employees is very dangerous. Therefore, it is very important to use a clean energy source. A small-scale modular reactor can be one of the best options. In this article, an attempt is made to investigate the effects of using this reactor on reducing the amount of carbon released into the surrounding air.

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### Confirm that the work is original and has not been published anywhere else

Yes

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