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## Nuclear or unclear energy- synergy of the future

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Energy Crisis is a fundamental concept that governs all the basic functioning of our society. Assessment of energy in terms of its true potential and implementation is critical. Most often than not the term nuclear strikes hatred, fear, and rage amongst all of us, this includes all the learned class of people. People have a pre-eminent fear inside themselves about NUCLEAR. But ground reality is that they repel it as it's UNCLEAR. Most of it is only due to our ignorance and lack of understanding of this specific subject. Have you ever wondered if nuclear energy was such a hazardous and a vulnerable thing then why are the most developed countries in the world adopting this technology for the betterment of their economy? There is always a superficial statement made by most of the people that why should we go for nuclear when we can extract power from other natural sources like hydro, wind, geothermal, solar. But when we consider this statement with a profound meaning in terms of the energy spent, and then the bitter truth is that all these sources account only for 5-10% of energy produced. Despite the fact that these are renewable sources and eco-friendly, these sources cannot be relied upon in the long run as most of them are evanescent and unreliable. As it's a universal known fact that climatic conditions as well as the flora and fauna of most of the places have succumbed to the merciless effects of global warming due to huge amounts of greenhouse gases that come out of thermal power plants. This downhill run is not bound to stop unless we have a massive potent source of energy that is totally eco-friendly. Now at present the only viable and potent energy source known to mankind that is capable of this achieving this heavenly feat is NUCLEAR energy with its limitless capabilities. To realize the true potentials of nuclear energy it's imperative to analyze the nuclear chemistry that governs these nuclear reactions and geometrical set up.

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