**PRE-LICENSING REVIEW OF NEW NUCLEAR POWER DESIGNS, WHAT IT MEANS FOR UKRAINE AND THE WORLD**

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With challenges concerning climate change, arise new and unique solutions to de-carbonizing energy. Solar panels, wind turbines, biofuels and other so called “renewable” energy sources currently hold trend for new power stations. However, they come with a few drawbacks such as lack of ability to provide reliable base power. For such applications large plants that are working constantly are best. Such plants include big coal-fired plants, gas-fired plants and nuclear power plants. First two, obviously do not provide carbon free energy, but nuclear might be the answer after all.

**References:**

1. Law of Ukraine “On licensing activities in the field of nuclear energy use”. Retrieved from <https://zakon.rada.gov.ua/laws/show/1370-14#Text>
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