

## PRESS RELEASE

### Trailblazing Performance of 765 Days of Continuous Run Yields Second Place for RAPS-5 Globally

RAWATBHATA. September 6, 2014.


RAPS-5, the unit-5 of Rawatbhata Rajasthan Site (RR Site) recorded safe reactor operation of 765 days today, surpassing the second-best continuous operation record of 739 days. During this period of continuous run, i.e. August 02, 2012, the unit has operated at full power. In all, Indian nuclear power reactors have recorded more than a year of continuous operation on fourteen occasions so far.

RAPS-5, an indigenously designed Pressurised Heavy Water Reactor (PHWR) of 220 MW is fuelled with natural Uranium and moderated and cooled by Heavy water. It was first synchronized to grid on December 22, 2009 and began its commercial operation on February 04, 2010. The unit has generated about 8663 Million Units of electricity till today to Northern grid since its commercial operation, benefitting Rajasthan, Uttar Pradesh, Delhi, Haryana, Punjab, Jammu & Kashmir, Himachal Pradesh, Chandigarh and Uttarakhand.

RR Site is the harbinger of PHWRs in India. The site also has a special place in the history of Rawatbhata Rajasthan Site hosts eight PHWRs, of which two 700-MW PHWRs are under construction, making RR site India's first and largest nuclear park in terms of number of reactors hosted at a site. Indian nuclear power programme for being the home to the first and latest PHWRs. Of the 1080 MW capacity in operation currently, about Fifty Percent of the Power generated at the site is supplied to Rajasthan State.

Dr. Ratan Kumar Sinha, Chairman, Atomic Energy Commission and Secretary Department of Atomic Energy (DAE) and Sh. K. C. Purohit, Chairman and Managing Director, Nuclear Power Corporation of India Limited (NPCIL) graced the occasion and addressed the employees of RR site.

[Read article in The Hindu](#)

  
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(S.K. Sharma)  
Site Director,  
RR Site.