

CANADIAN NUCLEAR REACTORS IN OPERATION, UNDER CONSTRUCTION OR APPROVED FOR CONSTRUCTION

Name	Location	Date of Start-up	Power	Fuel	Moderator	Coolant	Use
Zero Energy Experimental Pile (ZEEP).....	Chalk River, Ontario	1945	100 w.	Natural uranium metal or oxide	Heavy water	—	Lattice experiments
National Research Experimental (NRE).....	Chalk River, Ontario	1947	40,000 kw.	Natural uranium metal	Heavy water	Ordinary water	Research and isotope production
National Research Universal (NRU).....	Chalk River, Ontario	1957	200,000 kw.	Natural uranium metal	Heavy water	Heavy water	Research and plutonium and isotope production
Pool Test Reactor (PTR).....	Chalk River, Ontario	1957	100 w.	Enriched uranium alloy	Ordinary water	Ordinary water	Reactivity and absorption measurements
Toronto University Sub-critical Reactor.....	Toronto, Ontario	1958	—	Natural uranium metal	Heavy water	—	Research and teaching
McMaster Nuclear Reactor (MNR).....	Hamilton, Ontario	1959	1,000 kw.	Enriched uranium metal	Ordinary water	Ordinary water	Research
ZED-2.....	Chalk River, Ontario	1960	100 w.	Natural uranium metal or oxide	Heavy water	—	Lattice experiments
Canada-India Reactor (CIR).....	Bombay, India	1960	40,000 kw.	Natural uranium metal	Heavy water	Ordinary water	Research and isotope production
Nuclear Power Demonstration (NPD-2).....	Rolphon, Ontario	1961	20,000 kw. (electricity)	Natural uranium oxide	Heavy water	Heavy water	Power demonstration
Canadian Deuterium-Uranium (CANDU)...	Douglas Point, Ontario	1964-65	200,000 kw. (electricity)	Natural uranium oxide	Heavy water	Heavy water	Power