

164.2803 Nuclear Energy Development Grant Program -- Grant administration subcommittee duties.

- (1) The Kentucky Nuclear Energy Development Authority established in KRS 164.2802 shall create and implement the Nuclear Energy Development Grant Program for the advancement and location of nuclear fission and fusion energy-related projects to support the entire nuclear energy ecosystem in the Commonwealth, including utility and private sector economic development activities. The nuclear energy ecosystem includes but is not limited to:
 - (a) The nuclear fuel cycle, which includes fuel conversion, enrichment, and fabrication, as well as potential future spent fuel recycling and reprocessing;
 - (b) Nuclear fission or fusion reactor design and component manufacturing;
 - (c) Component supply chain manufacturing and distribution;
 - (d) Nuclear fission or fusion facility siting and development;
 - (e) Radioisotope production;
 - (f) Facility operation and maintenance;
 - (g) Decommissioning waste storage, transport, and management; and
 - (h) End uses of nuclear energy and co-products.
- (2) The membership of the Kentucky Nuclear Energy Development Authority shall select five (5) of its voting members to serve on the nuclear energy development grant administration subcommittee. A majority of the members of the grant administration subcommittee shall constitute a quorum for the purposes of doing business. The subcommittee shall:
 - (a) Create grant applications;
 - (b) Establish grant applicant eligibility requirements;
 - (c) Establish objective scoring criteria to evaluate grant applications, including but not limited to:
 1. The likelihood that the proposed project funded by the grant will precipitate further investment in the nuclear energy ecosystem;
 2. The economic impact of the grant funding on the community and region where the proposed project will be located;
 3. The readiness of the community where the proposed project will be located to host nuclear-related investments, including whether the community has been awarded a nuclear-ready community designation under KRS 164.2804; and
 4. The amount of additional investment that would be made in the proposed project by the grant applicant and other sources; and
 - (d) Make determinations on grant eligibility and funding and make grant awards based on those determinations, not to exceed two million dollars (\$2,000,000) per individual grant.

Effective: July 15, 2026

History: Amended 2026 Ky. Acts ch. 56, sec. 5, effective July 15, 2026. -- Created 2025 Ky. Acts ch. 51, sec. 1, effective March 24, 2025.