



The Under Secretary for Science

Washington, DC 20585

March 26, 2026

Dr. Persis Drell
Chair
Office of Science Advisory Committee

Dear Dr. Drell:

The Genesis Mission was launched as a dedicated, coordinated national effort to create a new age of artificial intelligence (AI)-accelerated innovation and discovery that will help solve the most challenging problems of this century to the benefit of the nation.¹ This will include developing AI methods that will dramatically increase research productivity and impact, accelerate scientific discovery, strengthen national security, and help secure energy dominance. In addition, the Genesis Mission will build an integrated AI platform to harness Federal scientific datasets, train scientific foundation models and create AI agents, automate research workflows, and support acceleration of scientific breakthroughs.

I am asking the Office of Science (SC) Advisory Committee (SCAC) to form a subcommittee to further study how best to prioritize resources across SC to accelerate the application of AI for transformative scientific and engineering discovery focused on pressing national science and technology challenges and to create a decadal roadmap articulating near, mid, and long-term priorities for SC to achieve the Genesis Mission. The roadmap will be based on a rigorous assessment of the current landscape, identifying critical opportunities and gaps and suggesting milestone-based investments spanning facilities, research, and workforce development. The subcommittee's work should consider opportunities to create federal, state, university, philanthropic, and private sector partnerships leveraging the Department of Energy's (DOE) capabilities, private sector advances, and other agency resources to maximize impact.

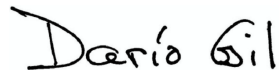
The subcommittee should address the following questions in their deliberations:

- What should be included in the Genesis platform, and what is the refresh plan?
- What factors should be considered to maintain a world-leading National Science & Technology challenges portfolio that best capitalizes on the Genesis Platform?
- How should DOE engage with federal, state, university, philanthropic, and private sectors to cultivate and grow AI-ready workforce for the Nation?

¹ <https://genesis.energy.gov/>

The subcommittee shall provide an assessment of the current landscape and a decadal roadmap to the SCAC for deliberation, by July 2026, based on the subcommittee's expertise and inclusive and broad stakeholder input. Further charges will follow as the Genesis Mission moves forward. I anticipate the subcommittee's work may involve making recommendations about infrastructure and facilities needs relevant for the Genesis Mission, and therefore I ask that the subcommittee coordinate closely with the SCAC or any subcommittees thereof (i.e., the Facilities Subcommittee) that are charged with making recommendations about the prioritization of SC's facilities needs for the next decade.

Sincerely,

A handwritten signature in black ink that reads "Darío Gil". The signature is written in a cursive, slightly slanted style.

Darío Gil
Under Secretary for Science