

BES-MSE White Paper Guidance for Laboratories
08-30-2011

White Papers should include cover-page information, a brief (3 to 5 page) project description, and the CV for the lead PI and other senior personnel. White papers are submitted electronically by the Lab BES-MSE Coordinator to the MSE Division Director, with copies (if desired) to the appropriate Program Manager and Team Lead. The email from the Lab Coordinator should provide additional information on how the project would integrate with the balance of the MSE portfolio for the Lab and, if appropriate, a discussion of the priority of the white paper compared to others from the Lab that have been submitted to BES-MSE for consideration.

Cover-page information:

1. A statement that the document is a White Paper
2. Name of the Laboratory that is submitting the white paper
3. Title of the project and short abstract
4. Principal investigator (P.I.) name, telephone, and e-mail address
5. Name and email address of the Laboratory Coordinator
6. Likely Core Research Area and Program Manager (optional)

Project description (3-5 pages) should include the following, as appropriate:

1. A description of the proposed research and description of how it fits in the overall Laboratory BES research portfolio and strategy: Why at this Lab? Why now?
2. A statement of its importance scientifically and relevance to energy technologies (if appropriate): What is the vision for the research topic? How would the research be unique compared to other research in this field?
3. Anticipated results: include some specifics – what is the scientific hypothesis that will be evaluated? Provide a brief explanation of methodology to be used.
4. Names of team members, including their institutional affiliation if it is not the lab that is submitting the white paper, their role in the research plan, and the proposed level of effort
5. Cost information: Annual estimated budget (break-down by institution if funding would be distributed to multiple institutions)
6. Other funding: Discussion of other relevant, related research by the PI or team members such as LDRD, other DOE, or other agency investments

CV (1-2 pages) for lead PI and other senior participants