| CITI       | SOUTHERN ILLINOIS UNIVERSITY |  |  |
|------------|------------------------------|--|--|
|            | ADVANCED ENERGY              |  |  |
| CARBONDALE | INSTITUTE                    |  |  |

| LEAVE BLANK - FOR AEI USE ONLY. |  |  |  |  |
|---------------------------------|--|--|--|--|
| Date Received:                  | Date Reviewed:                             |  |  |  |
| Action of EBCF Commi            | ittee: Date: Directed to Revise & Resubmit |  |  |  |
| Not Recommended Funding         | for  |  |  |  |

| ENERGY BOOST CONCEPT FUND (EBCF) PROPOSAL APPLICATION Follow instructions carefully.  |  | Action of EBCF Committee: Date:  |   |  |  |
|---|--|--|---|--|--|
|   |  | Approved/Funded Not Recommended for  | Directed to Revise & Resubmit   |  |  |
| Funding  1. TITLE OF PROPOSED PROJECT:  |  |  |   |  |  |
| 2. TITLE OF THE INVENTION DISCLOSED TO TTO THAT THE PROPOSED PROJECT WOULD ENHANCE/IMPROVE:   |  |  |   |  |  |
| 3. DATE OF DISCLOSURE OF THE INVENTION TO TTO:  |  |  |   |  |  |
| NOTE: This proposal contains prop   | rietary or confidential information tha  | t is the subject to a University Invention   | n Disclosure.   |  |  |
| 4. INVESTIGATOR(S)/PROJECT DIRECTOR(S)     Faculty   Non-Faculty Professional Staff   Other (indicate)  |  |  |   |  |  |
| a. PI/PD #1 Name (First, M.I., Last)  |  | d. PI/PD #2 Name (First, M.I., Last)   |   |  |  |
| b. POSITION TITLE/DEPARTMENT/MAILCODE   |  | e. POSITION TITLE/DEPARTMENT/MAILCODE  |   |  |  |
| c. PHONE NUMBER and E-MAIL ADDRESS  |  | f. PHONE NUMBER and E-MAIL ADDRESS   |   |  |  |
| 5. INSTITUTIONAL APPROVAL If project involves any of these compliance areas you must apply to the appropriate Committee for approval before the proposal will be reviewed by the SCF Program.   |  |  |   |  |  |
| a. HUMAN SUBJECTS  □ No □ Yes  If Yes, Approved? □ Yes □ No □ Pending Date Submitted  | b. VERTEBRATE ANIMALS  □ No □ Yes  If Yes, Approved? □ Yes □ No □ Pending □ Date Submitted | c. RADIOLOGICAL CONTROL  □ No □ Yes  If Yes, Approved? □ Yes □ No □ Pending □ Date Submitted | d. BIOLOGICAL HAZARD  □ No □ Yes  If Yes, Approved? □ Yes □ No □ Pending □ Date Submitted |  |  |
| 6. DATES OF PROPOSED PERIOD OF SUPPORT:<br>From Through   |  | 7. FUNDS REQUESTED: \$   |   |  |  |
| 8. FUNDS REQUESTED FROM OTHER SOURCES IF ANY (LIST AMOUNT AND SOURCE):  |  |  |   |  |  |
| I understand that Committee approval of the project does not necessarily ensure funding of the proposed activity. Financial support of the project is contingent upon Committee evaluation and the availability of research funds. I also understand that fiscal support for the project will be allocated by the Advanced Coal and Energy Research Center. |  |  |   |  |  |
| SIGNATURE OF PRINCIPAL INVESTIGATOR(S)/PROJECT DIRECTOR(S)  |  |  | DATE  |  |  |
| SIGNATURE OF CHAIR/OTHER  | DATE   |  |   |  |  |
| SIGNATURE OF DEAN/OTHER S   | DATE   |  |   |  |  |
| 8/1/15  |  |  | ı   |  |  |

## PROPOSAL DESCRIPTION

| A. Project Executive Summary/Abstract - A clear, concise description of the goals, methods, and anticipated outcomes of the proposed project. Maximum 200 words.   |
|--|
| <b>B. Significance and Impact -</b> Explain the significance and impact of the proposed project as it can potentially shorten time-to-license or improve viability for the technology to be the basis of a start-up company. This should be clearly stated and include an assessment of the potential value of the invention after project completion versus the current state of the invention. |
| <b>C. Deliverables</b> – Describe the deliverables and provide a detailed month by month timeline for the expected deliverables. For example, scale-up benchmarks may be useful. Timeline should be one year or less (if more than one year is anticipated, please provide a justification).   |
| D. Market Assessment – Provide an initial market assessment for the technology. Identify potential licensees or start up company opportunities.  |
| E. Other Resources – List resources such as departmental or external funds, contributions from other sources, or other cost sharing that may improve the likelihood of success.  |
| <b>F. Budget Justification</b> – Provide a line item budget for requested funds on the attached form and a brief budget justification narrative.   |