| ***Black Start Resource Test Report Form***  *Complete and submit this electronic form to CAISO Resource Test Administrator (*[*ASNotifications@caiso.com*](mailto:ASNotifications@caiso.com)*) within fourteen (14) days of test completion.* |
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| ***(A) Resource*** ***Data*** | A.1 | Power Plant Name: | |
| A.2 | Resource Name: | |
| A.3 | Resource ID: | |
| A.4 | Scheduling Coordinator: | |
| A.5 | SC ID: | |
| A.6 | Generator Operator: | |
| A.7 | Transmission Operator: | |
| ***(B) Test Information*** | B.1 | Date of Test (MM/DD/YYYY): | |
| B.2 | OMS ID: | |
| B.3 | Ambient weather conditions at the time of test: | |
| B.4 | Name of Individual who supervised the Test: | |
| B.5 | Time Off-Site Power to Black Start Resource Cut Off (HHMM): |  |
| B.6 | Time Turbine Generator Shut Down (HHMM): |  |
| B.7 | Time notified of Black Start Dispatch (HHMM): |  |
| B.8 | Time breaker closed into a transmission bus or transmission asset (HHMM):    ***Note:*** *Transmission bus or transmission asset must remain energized for at least five (5) minutes.* |  |
| B.9 | Time of Black Start test completion (HHMM): |  |
| B.10 | Time required to energize transmission bus or transmission asset (Mins):    ***Note:*** *Time from notification by the CAISO of a Black Start dispatch to breaker closure into a de-energized transmission bus or asset*. |  |
| B.11 | Droop Setting during the test: | % |

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| ***(C) Test Results*** | C.1 | Resource started isolated from the Bulk Electric System without support from the System. | Yes  No |
| C.2 | Resource remained energized without connection to the remainder of the Bulk Electric System. | Yes  No |
| C.3 | Transmission bus or transmission asset was energized. | Yes  No |
| C.4 | Transmission bus or transmission asset remained energized for at least five (5) minutes. | Yes  No |
| C.5 | The isolating unit breaker was closed. | Yes  No |
| C.6 | Energization of transmission bus or transmission asset was not possible. The capability to energize the transmission bus or transmission asset was affirmed. | Yes  No |
| C.7 | Test demonstrated the unit holds rated speed and rated voltage. | Yes  No |
| C.8 | Resource performed the intended functions specific in the restoration plan. | Yes  No |
| C.9 | When tested, if the Black Start Resource failed to start when isolated from the System, describe the unexpected test results and any proposed remediation: | |
| C.10 | When tested, if the Black Start Resource failed to perform its intended functions, please describe the unexpected test results and any proposed remediation: | |
| C.11 | The unit operated at reduced levels when disconnected from the grid. | Yes  No |
| C.12 | Maintained stable frequency in accordance with area system restoration plan. | Yes  No |
| C.13 | Observed minimum frequency level at generation terminal bus (in HZ). | Hz |
| C.14 | Observed maximum frequency level at generation terminal bus (in HZ). | Hz |
| C.15 | Maintained stable voltage and accordance with area system restoration plan. | Yes  No |
| C.16 | Observed minimum voltage level at generation terminal bus (in kV). | kV |
| C.17 | Observed maximum voltage level at generation terminal bus (in kV). | kV |
| C.18 | Communicated with the CAISO Control Center as required in applicable operating procedures and test plan. | Yes  No |
| C.19 | Communications with PTO in accordance with the appropriate PTO procedure maintained for the duration of the test. | Yes  No |
| C.20 | Describe communication system(s) used to communicate with the applicable control centers during the test: | |
| **If answers to the above questions result in a “NO”, describe the unexpected or failed test results and any proposed remediation in the (E) Notes Section below.** | | | |
| ***(D) Additional Information*** | **Submit the following additional documentation:** | | |
| D.1 | Frequency plot(s) during test (at least one second resolution): | |
| D.2 | Voltage plot(s) during test (at least one second resolution): | |
| ***(E) Notes:*** |  | | |
| ***(F) Test Results Review*** | CAISO Approval:  Yes  No  If no, reason for Request Form not approved:  CAISO Reviewed By:       Date: | | |

### Version History

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| **Version** | **Change** | **Date** |
| 1.0 | New attachment. | 5/29/13 |
| 1.1 | Made change to “Blackstart Resource Test Report Form (Part 1)” – removed portion relating to testing before July 1, 2013  Made change to “Blackstart Test Report Form (Part 2)” – removed reference to July 1, 2013 and added reference to within 14 days. | 9/19/13 |
| 1.2 | Annual Review: re-write of form and re-alignment of Part 1  and 2 criteria. | 10/18/17 |
| 2.0 | Periodic Review: Removed “Part 1” from header of form, as it was overlooked when forms were consolidated previously. Replaced CAISO with the ISO, added version history and document controlled footer and other minor grammar format updates. | 7/24/20 |
| 2.1 | Updated to include resolution for frequency and voltage plots request. Replaced instances of ISO with CAISO and Blackstart with Black Start. Minor edit with instruction at top of form.  **Errata Change:** Changing format. | 4/01/21 |
| 2.2 | Minor update to include updated Section C.18, form fields and minor punctuation edits. | 12/06/22 |
| 2.3 | Periodic Review: Very minor formatting, no content changes. | 7/13/23 |