# American-Made Digitizing Utilities Prize Round 2 Progress Phase Submission

## Project Name

### Innovation tagline (e.g., your mission in a few words)

#### *Keyword tags*

## Team

Names, geographic locations, contact info, and LinkedIn profiles

## Partners

Key project partners and organizations (if any)

Link to your 90 second video

## Online Video: 90-Second Video (Public)

Post your publicly accessible video online (e.g., YouTube, Vimeo). Be creative and produce a video that conveys the required information in exciting and interesting ways, but do not focus on time-consuming activities that only improve production values (i.e., technical elements such as décor, lighting, and cinematic techniques). Assistance from others with experience in this area may be helpful. Members of the American-Made Network may be able to help you create your video.

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| **Online Public Video – In 90 seconds, highlight your team’s progress during the Progress Phase.** |
| **Suggested Content Competitor Provides**   * Describe your team and how it is uniquely qualified to solve the selected utility’s problems. * Demonstrate your solution. * Describe why it is the best approach to the utility’s problem. * Highlight the progress your team made during the Progress Phase.   While there are no specific scoring criteria for the video, it will be evaluated as part of the entire submission package. The video serves as a first introduction of your team and solution to the reviewers. |

## Cover Page

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| **Cover page – List basic information about your submission Template[[1]](#footnote-1)** |
| * Project title * Team name * Track * Short description * Key project members (names, contacts, and links to their professional online profiles) * Other partners (if any) * Your city, state, and nine-digit ZIP code. |

#### Five / Six Question Written Narrative

Answer each of the following questions:

1. **What problem were you trying to solve?**
2. **Did you achieve the goals identified in the Plan Phase?**
3. **What benefits were provided to the team’s utility partner?**
4. **How was your solution tested and validated?**
5. **What is the potential impact of your work moving forward?**
6. **Additional 750 words to describe your voucher plans, only to be answered if you are competing in the Utility Digitization/Data Challenge.**

For convenience, these questions are provided in the headings of the tables on pages 22-24 along with suggested content (and corresponding judging statements) to help guide your responses. You decide where to focus your answers.

You should answer each of the following five or six questions. The content bullets are only suggestions to guide your responses. You decide where to focus your answers. The individual answers to the five questions do not have a word limit; however, the aggregate response to these five questions must not exceed 3,000 words, unless you are competing in the Utility Digitization/Data Challenge Track, in which case you must not exceed 3,750 words, not including captions, figures/graphs, or references. A word count must be included at the end of your submission. You may also include up to five supporting images, figures, or graphs. The reviewers will score the questions based on the content you have provided.

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| **Team and Problem Overview**  *Question 1: What problem were you trying to solve?* | |
| **Suggested content competitor provides**   * Briefly describe the challenge and how it was impacting the utility. * Describe the problem’s broader impact on the industry. * Describe what you have learned about the problem during the Progress Phase**.** | **A single score on a scale of 0–5 is provided, taking the following statements into consideration:**   * The team understands the utility’s problem and its broader context in the industry. * The team significantly advanced their understanding of the problem during the Progress Phase. |

**Response to Question 1:**

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| **Solution Implementation**  *Question 2: Did you achieve the goals identified in the Plan Phase?* | |
| **Suggested content competitor provides**   * Briefly describe your solution. * Describe the goals you outlined during the Plan Phase, and whether you achieved each of the goals identified. * Describe how you implemented your plan to solve the problem and whether you were able to meet your planned goals. * Highlight key activities and milestones completed during the Progress Phase. * Describe the interactions you had with the utility during the Progress Phase. * Explain whether and why you had to deviate from your plan. * Describe the data sets used in your solution. * Describe the challenges you faced and how you overcame them. | **A single score on a scale of 0–5 is provided, taking the following statements into consideration:**   * The team demonstrates impressive and convincing progress made toward implementing the solution. * Activities and milestones accomplished were directly related to the implementation plan. * The team reasonably followed the plan from the Plan Phase, and any deviations from the plan were well justified. * The data sets used were relevant to the problem and the solution. * The team worked closely with the utility partner. * The team achieved their goals. |

**Response to Question 2:**

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| **Solution Impact**  *Question 3: What benefits were provided to the team’s utility partner?* | |
| **Suggested content competitor provides**   * Describe what you delivered to the utility. * Describe any feedback you received from the utility when you delivered your solution. * Using the metrics identified in the Plan Phase, quantify the benefits your solution is providing. * Describe to what extent your solution has solved the utility’s problem and what additional steps are needed. | **A single score on a scale of 0–5 is provided, taking the following statements into consideration:**   * The team delivered a solution to their utility partner that met the partner’s needs. * The team integrated feedback from the utility to increase the value of the solution. * The benefits of the solution are clear and measurable. * The team effectively addressed the utility’s problem. |

**Response to Question 3:**

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| **Solution Validation**  *Question 4: How was your solution tested and validated?* | |
| **Suggested content competitor provides**   * Describe how your benefits to the utility were tested and validated to ensure your solution’s accuracy and performance capabilities. | **A single score on a scale of 0–5 is provided, taking the following statements into consideration:**   * The team included a detailed assessment of models’ accuracy and generalization performance (e.g., rigorous cross-validation and reporting out-of-sample results). * The team’s provided assessment is comprehensive and rigorous. |

**Response to Question 4:**

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| **Future Plans**  *Question 5: What is the potential impact of your work moving forward?* | |
| **Suggested content competitor provides**   * Describe additional steps the utility is planning in response to this work. * Describe how your solution can be integrated into the regular operations of the utility and what resources are needed to do so. * Describe how the solution could be expanded to provide additional benefits. * Describe how other utilities could benefit from your solution. * Describe how your specific solution could be transferred to other utilities. | **A single score on a scale of 0–5 is provided, taking the following statements into consideration:**   * The solution has the potential to be integrated into the utility’s regular operations. * The solution has potential for broader impact moving forward. * Other utilities will be interested in implementing solutions based on this work. |

**Response to Question 5:**

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| ***Voucher Plans – 750 words max.***  *Only complete this question if you are competing in the Utility Digitization/Data Challenge Track.* | |
| **Suggested content competitor provides**   * What type of work do you intend to complete using the national laboratory voucher? * What impact will this voucher have on your solution? * What are the future implications for your team/company if you receive a voucher? * Briefly describe your potential plans and/or project scopes that you would submit if awarded a national laboratory voucher. * Describe how both the team and utlity will partner to maximize the use of the national laboratory voucher. * Describe the expected cost-share to be provided by the team and/or utility. | **A single score on a scale of 0–5 is provided, taking the following statements into consideration:**   * The team’s planned use of the national laboratory voucher is a good use of national laboratory resources. * The team’s planned use of the national laboratory vouchers is likely to have significant impact on the team’s solution. * The team’s proposed voucher plans are reasonable and relate to their solution. * Both the team’s and utility’s planned involvement in the national laboratory voucher are likely to expand the voucher’s impact on the solution. * The team’s planned use of the voucher is likely to improve the team’s ability to expand the solution beyond the initial utility partner. * The team’s described cost-share is appropriate and is in-line with the goals of this prize. |

**Response to Question 6:**

## Supplementary Information

### Five/Six question narrative word count: \_\_\_\_\_\_\_ total words

**Submission Summary Slide (Will Be Made Public)**

Make a public-facing, one-slide submission summary that introduces your team and/or organization and your mission. There is no template, so competitors are free to present the information in any format. Any text must be readable in a standard printed page and a conference room projection and should be at least 14-point font.

**Letters of Support or Commitment**

It is required to include a letter of support from your utility partner. Attach one-page letters (of support, intent, or commitment) from other relevant entities to provide context. Letters of support from partners or others that are critical to the success of your proposed solution will likely increase your score. General letters of support from parties that are not critical to the execution of your solution will likely not factor into your score. The letter of support from your utility partner should not be longer than two pages.

This detailed letter of support from your utility partner should document your continued relationship with your utility partner (including any solution demonstrations), describe progress and successes achieved during the Progress Phase, and highlight your utility partner’s ongoing support and their overall experience.

**Please read and comply with additional requirements about your submission in** [**Appendix 1.**](https://www.herox.com/DigitizingUtilitiesRound2/resource/1984)

**COMPETITORS THAT DO NOT COMPLY WITH THESE REQUIREMENTS MAY BE DISQUALIFIED.**

1. Use of the template is optional; however, all components listed here must be included in your document if you choose to create your own. [↑](#footnote-ref-1)