March 13, 2023

RE: U.S. DOE FOA-0002740, Grid Resilience and Innovative Partnerships (GRIP)
Topic Area 2 Smart Grid Grant submission: *Advanced Solutions to Mitigate Wildfire Risk*

Letter of Commitment – Project Support Team

We, the undersigned officer representatives of the following companies, hereby acknowledge and certify to supporting the U.S. DOE submission for the application *Advanced Solutions to Mitigate Wildfire Risk* as outlined in the work plan filed by UMS Group on March 16, 2023.

If selected and awarded, we commit the individuals and professional support to successfully complete this project over its duration. If individuals at our organization move to other professional endeavors, to the best of our ability we will find suitable replacements for them in this project. Additionally, we agree to comply with the requirements of this federal funding opportunity and to make any Department of Energy officials, the project Prime, relevant project sub-recipients or other parties aware of any developments relevant to the successful completion of this project.

UMS Group, Slalom Consulting, The Watershed Center (Fire Adapted Communities), and Grid Forward working together as the project support team, certifies that we have each agreed to serve in the respective manners described in the application and to work together collectively to support the success of this collaborative project.

Company: UMS Group
UEI: CWPAKWYMCGF3
Main Office: 111 Littleton Road St #111
Parsippany, NJ 07054
Officer: Patrick Heuer
Title: Partner & Managing Director
Authorized signature:

Company: Slalom Consulting
UEI: D975PL76FFK7
Main Office: 4370 La Jolla Village Dr. #1000
San Diego, CA 92122
Officer: James J Sikora
Title: General Manager
Authorized signature:

Company: The Watershed Center
(Fire Adapted Communities Program)
UEI: DJMBE4BLFUC4
Main Office: 98 Clinic Ave
Hayfork, CA 96041
Officer: Michelle Medley-Daniel
Title: Deputy Director
Authorized signature:

Company: Grid Forward
UEI: SVXNPJ34Z9B3
Main Office: 2705 E Burnside St #212
Portland, OR 97214
Officer: Bryce Yonker
Title: Executive Director
Authorized signature:

Letter of Commitment – Coalition Utilities
Advanced Solutions to Mitigate Wildfire Risk

March 17th, 2023

This letter is to affirm the support and commitment of the undersigned electric utilities to participate in the *Advanced Solutions to Mitigate Wildfire Risk* project. The project brings together a unique coalition of electric utilities, technology providers, national laboratories, education, and community partners to reduce wildfire risks across the west United States. It strongly aligns with goals and objectives related to wildfire risk mitigation of the undersi

By providing monetary resources, subject matter expertise, and critical pathways for sharing of lessons learned within and beyond the coalition, this project will hel

- Accelerate efforts to scale up advanced technology deployments in the region.
- Provide foundational support for the development and refinement of utility wildfire risk mitigation programs; and
- Greatly expand engagement between utilities and critical community partner

With the support of UMS Group, Slalom, Grid Forward, and the Fire Adapted Communities Learning Network, the undersigned believe that this coalition is well positioned to achieve a level of success that greatly exceeds that which could be otherwise achieved through individual pursuits. The project has been designed in a way that supports broader regional goals by demonstrating the effectiveness of advanced wildfire mitigation technologies and encouraging utilities to move beyond the status quo.

Sincerely,

Avista Corporation

David James — David James
Signed — *Name*
Wildfire Resiliency Plan Manager
Title

Burbank Water and Power

Riad Sleiman
Signed — ***Name***
Assistant General Manager – Electric Services
Title

Eugene Water & Electric Board

Rodney Price — Rodney Price
Digitally signed by Rodney Price Date: 2023.03.13 08:32:38 -07'00'
Signed — *Name*
Assistant General Manager
Title

Inland Power & Light

Timothy O'Brien
Signed — *Name*
General Counsel
Title

Pacific Gas & Electric

Heather Rock
Signed — *Name*
Senior Director, Strategy
Title

Public Utility District No. 1 of Klickitat County

Brandon Johnson
Signed — *Name*
Engineering Manager
Title

March 12, 2023

To: U.S. Department of Energy, Grid Deployment Office
1000 Independence Ave SW I Washington, DC 20585
For: UMS Group and project partners team application
RE: U.S. DOE FOA-0002740, Grid Resilience and Innovative Partnerships
Topic area 2 Smart Grid Grant submission: *Advanced Solutions to Mitigate Wildfire Risk*

Letter of Commitment - UMS Group Submission

We, the undersigned officer representatives of the following companies, hereby acknowledge and consent our involvement in and support for the U.S. DOE submission *Advanced Solutions to Mitigate Wildfire Risk* for FOA-0002740 topic area 2 filed by UMS Group, the Prime applicant.

We commit to providing bid details to UMS Group and interested sub-recipients (electric grid operators or utilities) as the project advances. If selected to work on one or more of the deployments, we commit to reviewing the scope and determining alignment for relevant staff, resources, services, and/or technologies at our company to successfully complete the identified project aspects.

We have read and understand the requirements available at the time of the application submission for this federal funding opportunity and agree to comply with all relevant requirements, including but not limited to domestic supply; diversity equity & inclusion; cybersecurity; information sharing; and intellectual property. We understand that inclusion in the initial submission is no guarantee of any work and that all details will be confirmed in additional agreements.

AiDash
Thiago Carvalho, VP of Sales
Authorized signature:

ALERTWildfire
Prof. Doug Toomey, Dir. OR Hazards Lab
Authorized signature:

AVEVA
Ann Moore, Industry Principal
Authorized signature:

Gridware
Kelly Strand, Dir. Customer Success
Authorized signature:

Overstory
Indra Den Bakker, CEO and Co-Founder
Authorized signature:

Pano
Stephen Murdock, Dir. Sales
Authorized signature:

Sharper Shape
Kristy McDermott, VP of Sales
Authorized signature: DocuSigned by: kristy k. McDermott A003561E019344A...

Technosylva
David J. Buckley, VP & COO
Authorized signature:

902 Battelle Boulevard
P.O. Box 999, MSIN XX-XX
Richland, WA 99352
(509) 372-6077
Andre.Coleman@pnnl.gov
www.pnnl.gov

March 14, 2023

RE: U.S. DOE FOA-0002740, Grid Resilience and Innovative Partnerships / Topic Area 2

Dear Proposal Review Committee:

If the proposal submitted by UMS Group (Prime) and its project partners, "*Advanced Solutions to Mitigate Wildfire Risk*" is selected for funding by DOE-GRIP, it is my intent to collaborate and/or commit resources, data, models, and subject matter expertise as allowable by past, current, and future projects. It is acknowledged that as a Federally Funded Research and Development Center, the Pacific Northwest National Laboratory is not eligible for funding under this proposal. With the above stated participation, we agree to comply with the requirements of this project and to make the project Prime or other relevant parties aware of any developments for our contributions to the overall effort.

Sincerely,

Dr. André M. Coleman
Chief Scientist
Pacific Northwest National Laboratory
Earth Systems Predictability and Resiliency Group

Electrical Engineering & Computer Science
Oregon State University
1148 Kelley Engineering Center
Corvallis, Oregon 97331
eecs.oregonstate.edu

03/15/2023

RE: Grid Resilience and Innovation Partnerships (GRIP) - FOA-0002740 – Topic Area 2 Submission, Smart Grid Grants

Letter of Support for UMS Group Regional Application - Advanced Solutions to Mitigate Wildfire Risk

Oregon State University supports wildfire risk mitigation initiatives for the utility industry that seek to inform longer-term planning, enhance situation awareness, and ensure continued safe, reliable, and cost-effective transmission system operations. Oregon State University encourages the exploration of methodologies and approaches to improve wildfire mitigation efforts throughout the region and is interested in exploring opportunities in this area with its regional partners.

Oregon State University believes this effort would assist in reducing the risk of wildland fires impacting energy infrastructure and would help to show how making data-driven decisions and leveraging available advanced technology can play an important role in addressing the impact of wildfires.

Further, Oregon State University, as a higher-education institute and a flagship engineering university in Oregon, will support the educational goal through workforce development.

Best regards,

Yue Cao, Ph.D.
Assistant Professor
Energy Systems Group
541-737-8201
yue.cao@oregonstate.edu

Department of Energy

Bonneville Power Administration
P.O. Box 491
Vancouver, Washington 98666-0491

Official File Copy

TRANSMISSION SERVICES

March 15, 2023

In reply refer to: TP-Ditt2

U.S. Department of Energy, Grid Deployment Office
1000 Independence Ave SW
Washington, DC 20585

RE: Grid Resilience and Innovation Partnerships (GRIP) - FOA-0002740 – Topic Area 2 Submission, Smart Grid Grants

Letter of Support for UMS Group Regional Application - Advanced Solutions to Mitigate Wildfire Risk

BPA supports wildfire risk mitigation initiatives for the utility industry that seek to inform longer-term planning, enhance situation awareness, and ensure continued safe, reliable, and cost-effective transmission system operations. BPA encourages the exploration of methodologies and approaches to improve wildfire mitigation efforts throughout the region and is interested in exploring opportunities in this area with its regional partners.

BPA believes this effort would assist in reducing the risk of wildland fires impacting energy infrastructure and would help to show how making data-driven decisions and leveraging available advanced technology can play an important role in addressing the impact of wildfires.

This cooperation with UMS Group, Slalom Consulting, Fire Adapted Communities, Grid Forward and other industry and community partners will support this goal.

Jeffrey W. Cook, P.E.
Vice President, Transmission Planning and Asset Management
Bonneville Power Administration