

ATTACHMENT F
Infrastructure Investment and Jobs Act / Inflation Reduction Act Grant Opportunities

Active Grant Tracking							
Key Dates	Project	Grantor	Contact	Status	Cost	Roles	Agreement Term
Submitted & Awarded	Title Proposal		Internal Contact, Department; External Contact, Company	(Scoping, Preparing, In Process, Deferred, Completed)	Avista's Cost Federal/State Cost Share %	Avista's Role Project Sponsor	
5/8/2023	Hydroelectric Production Incentives DE-FOA-0003061 Section 242	DOE	Alexis Alexander	Preparing			
6/20/2023	Hydroelectric Efficiency Improvement Incentives DE-FOA-0003062 Section 243	DOE	Alexis Alexander	Preparing			
4/6/2023	Wildfire Risk Mitigation Accelerate Distribution Grid Hardening Plan and Wildfire Resiliency Program, including focus areas: Risk Based Vegetation, Automate Distribution, Emergency Response	DOE	Dave James, Wildfire Resiliency	In Process	50	Cost Share Avista Utilities	60 months
3/17/2023	Community Grid Platform Build future-looking grid to improve system efficiency, reliability, visibility, communication security, aggregation and integration of distributed energy resources, interoperability, and anticipate and mitigate the impacts of extreme weather or natural disasters.	DOE	Mike Diedesch, Innovation	In Process	50	Cost Share / Pilot Avista Utilities	60 months
	Clean Energy Fund 5 Grid Modernization	DOC	John Gibson	Scoping			
3/23/2023	Solar plus Storage for Resilient Communities Avista Utilities, The Martin Luther King Community Center, and the City of Spokane partnered to submit a Department of Commerce solar plus storage grant application.	DOC	David Schafer	In Process	\$1,500,000	Subrecipient	Completion by June 30, 2024
3/23/2023	Tribal Formula Grant Funding for Energy Resilience Investments	DOE	Meghan Pinch	In Process	\$991,000	Subrecipient Spokane Tribe	
	Inland NW Rural Vitality Proposal	US Commerce Minority Business Development Agency (MBDA) Capital Readiness Program	Paul Kimmell				
3/1/2022	Clean Energy Fund 3/4. Grid Modernization Program Develop a design microgrid product to serve the Spokane Tribal for efficient energy consumption	Dept of Commerce	Megan Pinch, Regulatory	In Process	\$248,000 \$248,000 50/50%	To Be Determined Avista Utilities	
11/6/2022	Utility Residential Customer Arrearage Grant The purpose of this contract is to provide funding for public and private water, sewer, garbage, electric, and natural gas utilities to address low-income arrearages compounded by the COVID-19 20 pandemic and the related economic downturn that were accrued between March 1, 2020 and December 31, 2021.	DOC	Ana Matthews	Active	\$6,128,248 No cost share	100% grant	11/1/2022- 6/30/2023
3/1/2021	11/11/2021 Avista Innovation Lab AIL Digital Data Platform Data Platform Development for CEF2 - Funded by PNNL with DOE funds \$300K		Jon Thompson, Innovation PNNL - Charlie Vartanian	Active	\$150,000 \$300,000 NA	Platform Builder, Data Host Avista Utilities	11/11/21 - 09/30/24
2/1/2021	Connected Community Funding Opportunity Award US Department of Energy FOA: -0002206	DOE	John Gibson, Innovation EDO LLC	In Process	\$3,202,000 \$1,426,902 69%/31%	Cost Share / Pilot EDO LLC	2021-2026
9/1/2020	8/31/2020 U.S. Department of Energy FOA: DE-FOA-0002064	Georgia Institute of Technology	Kenneth Wilhelm, Innovation AP Meliopoulos& Saeed Lotfiifard, WSU	Completed	\$244,605 \$244,530 50/50%	Award Subrecipient Georgia Tech	08/01/2020- 01/31/2022

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3/1/2019	2/11/2020	Clean Energy Fund III Eco-District Grid Enabled Buildings. Grid Modernization Program Deploy electric and thermal resources in the HUB between the utility and the eco-district.	Dept of Commerce	Mike Diedesch, Innovation & Ryan Cysewski , Substation Forest Watkins, WA DOC	Active	\$7,975,000 \$2,497,600 50/50%	Project Manager/Pilot Avista Utilities	02/11/2020 - 09/30/2023
4/1/2017	4/4/2017	Clean Energy Fund II Transactive Grid - Microgrid Develop a micro-transactive grid in Spokane consisting of distributed energy resources including solar, energy storage, and automated buildings connected to a smart, dual fed distribution loop.	Dept of Commerce	Mike Diedesch, Innovation & Ryan Cysewski , Substation Bob Kirshmire, WA DOC	Completed	\$8,652,201 \$3,500,000 50/50%	Project Manager/Pilot Avista Utilities	09/29/2016 - 03/31/2021
10/1/2017	7/5/2018	Assist-US India Collaborative with smart distribution system with storage Research and Development on distribution system modeling, energy storage microgrid, cyber security, energy mgmt, integrating DMS and DER Control.	UI	Mike Diedesch, Innovation Noel Schult & Anurag Srivastava, WSU	Completed	\$480,000 \$500,000 51/49%	Cost Share Labor / Pilot WSU-Prime Awardee	10/2/2017 - 10/1/2022
4/1/14	6/30/14	Clean Energy Fund I Energy Storage Deployment and demonstration of Turner Energy Storage Battery Storage in Pullman at Schweitzer Engineering laboratories site.	Dept of Commerce	Kenny Dillon, Transmission Bob Kirshmire, WA DOC	Completed	\$8,339,819 \$3,200,000 50/50%	Project Manager/Pilot Avista Utilities	06/30/2014- 06/30/2021

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Direct Infrastructure Investment and Jobs Act Focuses

Area	Pursuing/ Eligible?	Title	Grantor/ Agency	Section	Example	Amount	Years	Timeframe for start of distribution
GRIP- Grid Security, Reliability & Resilience	Y	Preventing Outages and Enhancing the Resilience of the Grid (Wildfire Opportunities)	DOE	40101	Grid Hardening	\$5B	2022-26	Application Due Mid-Dec 2022
GRIP- Grid Security, Reliability & Resilience	Y	Grid Flexibility/SGIG 2.0 (Smart Grid Investment Grant)	DOE	40107	Expand Distribution Automation, ADMS, Scada to all stations	\$3B	2022-26	Application Due Mid-Dec 2022
Grid Deployment Office	Y	Hydroelectric Efficiency Improvement Incentives	DOE	40332		\$75M	until expended	Not Specified
Grid Deployment Office	Y	Maintaining and Enhancing Hydroelectricity Incentives	DOE	40333	Post Falls Redevelopment	\$553.6M	until expended	Not Specified
Energy Research, Development, and Demonstration	Y	Office of Clean Energy Demonstrations	DOE	41201				Not Stated
Broadband	Y	Enabling Middle Mile Broadband Infrastructure	NTIA	Title IV	Leased Fiber Replacment, SCADA to all stations; Demonstration Project	\$1B	2022-26	2022-26
Transportation Electrification	Y	National Electric Vehicle Infrastructure (NEVI) Formula Program	DOE	Division J	next gen 1MW public DCFC charging site with two 150kW ports and two 350kW ports	\$5B	2023-2027	2024 (most likely due to delays in federal guidance and WSDOT RFP expected Q2 2023)
Cyber Security	N	Enhanced Grid Security	DOE	40125		\$250M/Yr	2022-26	Not Specified
Energy Research, Development, and Demonstration	N	Carbon Capture Technology Program	DOE	40303		\$100M	2022-26	Not Specified
Energy Research, Development, and Demonstration	N	Carbon Dioxide Transportation Infrastructure Finance and Innovation	DOE	40304		\$600M+300M	2022-23, 2024-26	Not Specified (More \$ Earlier)
Energy Research, Development, and Demonstration	N	Hydroelectric Production Incentive	DOE	40331		\$125M	until expended	Not Specified
Energy Research, Development, and Demonstration	N	Pumped Storage Hydropower Wind and Solar Integration and System Reliability Initiative	DOE	40334		\$2M/Year	2022-26	No Later Than 9/30/2023
Energy Research, Development, and Demonstration	N	Clean Energy Demonstration Program on Current and Former Mine Land	DOE	40342		\$500M/year	2022-26	Not Specified
Building Electrification & Efficiency	N	Energy Efficient Transformer Rebate Program	DOE	40555		\$10M	2022-23	Not Stated (Shortest Window)

Indirect Infrastructure Investment and Jobs Act Focuses

Area	Pursuing/Eligible?	Avista Impact	Title	Specifics / Opportunities	Who Is Eligible	Grantor/ Agency	Section Notes	Amount	Years	Timeframe for start
Building Electrification & Efficiency	Y	Y	Grants for EE & Renewables at Schools	CETA/CEIP Alignment, Higher EE goals upcoming	Schools, for-profit orgs	DOE	40541	\$500M	2022-26	Not Specified
Building Electrification & Efficiency	Y	Y	Weatherization Assistance Program	Adding \$\$ to existing. Encourage partners to get it; won't change what we do.	States, Partners (Awareness)	DOE	40551	\$3.5B	Expended	Not Specified
Building Electrification & Efficiency	Y	Y	EE and Conservation Block Grants	Supports Clean Goals - EE, renewable, and TE, CETA/CEIP	Local Govts	DOE	40552 Revenue Impact, Energy Justice; Economic Development	\$550M	Expended	Not Stated
Building Electrification & Efficiency	Y	Y	Energy Conservation at Federal Facilities	Supports Clean Goals - EE	Federal Facilities	DOE	40554	\$250M	Expended	Not Stated
Grid Security, Reliability & Resilience	Y	Y	Grid Security, Reliability & Resilience Development & Demonstration	Demo projects: Tx, Dx, Storage, Microgrids - 15% Match ID OEMR	Tribes, State, PUC, Local Govt	DOE	40103	\$5B	2022-26	180 Days
Grid Security, Reliability & Resilience	Y	Y	Wildland Risks Reductions	Prioritize Areas for Wildfire Risk Reduction: Thinning, controlled burns, restoration	Dept of Interior	DOI & Forest Service	40803 Stakeholders: David H, Dave J	\$3.7B	2022-26	2022
Transportation & Port Electrification	Y	Y	Congestion Mitigation and Air Quality (CMAQ) Improvement Program	Purchasing Medium, Heavy Duty Vehicles & Chargers, CETA/CEIP	States, Local Govt Income, Minority	Priority Low DOT	11115 Fleet/Vehicles	\$2.6B/Yr	2022-26	TBD - Existing formula program
Transportation & Port Electrification	Y	Y	Grants for Charging & Fueling Infrastructure	Public Charging - Low-Income, Rural Focus	Tribes, States, Local, SRTC, Port Auth	DOT & DOE	11401 Charging - Rural/off highway - TTHM Cons - Maintenance - <i>how do we focus on Idaho</i>	\$2.5B	Expended	Within 1 Year
Transportation & Port Electrification	Y	Y	Grants for Buses and Bus Facilities	Low/No Emission buses (Expand STA/Pullman? Add Moscow/CDA?)	Bus Operators, State/Local Govt	DOT	30018 Fleet/Vehicles; Revenue Impact	\$5.25B	2022-26	Existing Program
Transportation & Port Electrification	Y	Y	State Energy Program (SEP)	Electrify Fleets, State Vehicles, Taxis, Ridesharing (Rule making, Planning)	States	DOE	40109 Fleet/Vehicles; Revenue Impact	\$500M	2022-26	Formula State Distribution 1/1/21
Transportation & Port Electrification	Y	Y	Clean School Bus Program	Zero Emissions or Natural Gas, Supporting Infrastructure	School Districts, States	EPA	71101 Fleet/Vehicles	\$5B	2022-26	TBD - EPA to issue regulations
Broadband	Y	Y	Broadband Grants for States, District of Columbia, Puerto Rico, and Territories	Middle-mile broadband - Focus on unserved and underserved first	States on a formula, Public or Private Utility, PUDS	Department of Commerce (DOC) & National Telecommunications and Information Administration (NTIA)	Title 1	\$42.45B		State Determination Letter 180
Transportation & Port Electrification	Y	Y	National Electric Vehicle Formula Program	EV Charging	States on a formula basis	DOT & DOE	Division J Charging - State Highway-TTHM - Cons Maintenance - <i>How to focus on Idaho</i>	\$5B	Expended	Guidance in 90 Days
Building Electrification & Efficiency	N	Y	Energy Efficiency Revolving Loan Fund Capitalization Program	CETA; Revolving Loan	State Loan, biz res cust	DOE	40502	250M	2022	2022
Cyber Security Grants	N	N	Rural and Municipal Utility Advanced Cybersecurity Grant and Technical Assistance Program		Small Utility	DOE	40124	\$250M/Yr	2022-26	180 Days
Cyber Security Grants	N	Y	State and Local Cybersecurity Grant Program	Cybersecurity experts, not us	Tribe	FEMA	70612	1B	2022-26	Not Specified
Energy Research, Development, and Demonstration	N	Y	Carbon Utilization Program	R&D	States, Local, Agencies	DOE	40302		2022-26	1 Year
Energy Research, Development, and Demonstration	N	Y	Carbon Removal	Air Capture Hub		DOE	40308	3.5B	2022-26	180 Days
	N	N	Advanced Energy Manufacturing and Recycling Grant Program	Recycling for Manufacturers	Coal Mines--Closed	DOE	40209 Stakeholders: Bruce H, Tom Dimps	750M	2022-26	180 Days
Building Electrification & Efficiency	?	Y	Energy Auditor Training Grant Program	We hire this out.		DOE	40503	40M	2022-26	Not Specified
Building Electrification & Efficiency	?	N	Cost-effective Codes Implementation for Efficiency and Resilience	Energy Codes - Need to watch this for impacts	States + Partner	DOE	40511	225M	2022-26	Not Specified

Indirect Infrastructure Investment and Jobs Act Focuses

Area	Pursuing/Eligible?	Avista Impact	Title	Specifics / Opportunities	Who Is Eligible	Grantor/ Agency	Section Notes	Amount	Years	Timeframe for start
Energy Research, Development, and Demonstration	?	Y	Carbon Storage Validation and Testing	Carbon Sequestration, CO2 transport - Greg Rahn work maybe???	States, Local, Public Utility or Agency	DOE	40305	2.5B	2022-26	Not Specified
Transportation & Port Electrification	?	Y	Reduction of Truck Emissions at Port Facilities	Port Electrification, R&D	Not specified (but ports only)	DOT, EPA, DOE	11402	\$50M/Yr	2022-26	Annual by April 1
Transportation & Port Electrification	?	Y	Strengthening Mobility and Revolutionizing Transportation Grant Program	City demonstration projects: transportation, connected vehicles, smart grid	State and Local entities	DOT	25005	\$100M/Yr	2022-26	Not Specified
Transportation & Port Electrification	?	Y	Port Infrastructure Development Program	Port Electrification, EV charging or hydrogen refueling or medium/heavy duty, microgrids	Ports	DOT	Division J	\$450M/Yr	2022-26	Until 2036