

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET UE-240006

DOCKET UG-240007

EXH. AMS-5

ANNA M. SCARLETT

REPRESENTING AVISTA CORPORATION

# Direct Opportunity

| IIJA Category | Key Dates                             | Grant Specs (Agency, Amount, Fund Type)  | Project (Title & Summary)  | Contacts                          | Application Status              | Award Status  | Cost (Avista's Cost, Federal/State, Approximate cost share %) | Roles (Avista's Role, Project Sponsor) |
|---------------|---------------------------------------|--|--|-----------------------------------|---------------------------------|---|---|--|
| EV (NEVI)     | Request for Proposal Due: Q1 2024     | WA State Dept of Transportation<br>\$10.5M year one; \$71M over 5 years (\$5B federal grant nationwide)<br>Formula Grant | National Electric Vehicle Infrastructure, NEVI; Avista EV Program  | Electric Transportation           | In Process                      |   | TBD   |  |
|               | Due December 1, 2023                  | WA Dept of Commerce, US Dept of Energy<br>\$64M Total; \$3M for Avista<br>Reimbursed cost. (Grant)                       | WA EV Charging Program (Washington Community Charging Infrastructure Grant Program)<br>Electric vehicle community charging infrastructure grant program for multi-family housing, publicly available charging, and fleet charging.   | Electric Transportation           | In Process                      |   | No matching.  |  |
|               | submitted by 11/16/2023               | US Dept of Energy<br>\$10-\$25M DOE funding per project, \$50M total DOE funding available. Requires 50% match.<br>Grant | Distributed Energy System Demonstrations<br>DE-FOA-0003139: Distributed Energy Systems Demonstrations FOA.<br>Deploy a networked geothermal heating and cooling solution   | Innovation Lab                    | Deferred                        |   | Approx 50%/50%  | Not Eligible                           |
|               | Application Due 12/2023               | IIJA & Idaho Governor's Office of Energy and Mineral Resources (OEMR)<br>Up to \$230K<br>Grant requiring 100% match      | Idaho Energy Resiliency Grant<br>OEMR intends to subaward its Section 40101(d) grant in two phases. This funding opportunity is for phase one, which prioritizes investments in existing infrastructure that alleviate the risk of disruptive events and improve resiliency. Phase two is anticipated to occur in subsequent years and will prioritize investments into modernizing and improving the existing infrastructure.     | Asset Maintenance                 | In Process                      |   | Approx 50%/50%  | Cost Share/Project Owner               |
| GDO           | Full Applications Submitted 10/6/2023 | US Dept of Energy<br>Up to \$5M per facility<br>Incentive Payment  | Maintaining and Enhancing Hydroelectricity Incentives<br>The Maintaining and Enhancing Hydroelectricity Incentives (BIL provision 40333 and EPAct section 247) was created to maintain and enhance hydroelectric facilities to ensure generators continue to provide clean, affordable electricity, while integrating renewable energy resources such as wind and solar, improving dam safety, and reducing environmental impacts. | Environmental Affairs, Generation | Submitted                       | Awaiting  | No cost   |  |
| ERA           | Submitted by 7/31/2023                | US Dept of Energy<br>Up to \$5M per project<br>Grant   | Energy Improvements in Rural or Remote Areas; Spokane Tribe Geothermal Project<br>DE-FOA-0003045: \$50 million in grant funding for the Energy Improvements in Rural or Remote Areas (ERA) Program to help deploy community-driven clean energy solutions in rural and remote areas across the country.<br>Deploy a networked geothermal heating and cooling solution  | Innovation                        | Submitted Phase 1 Concept Paper | Denied<br>Did not receive encouragement to move forward with full application | No matching.  | Partner with Spokane Tribe             |
| GDO           | Submitted 6/20/2023                   | US Dept of Energy<br>Up to \$5M per facility, which can fund up to 30% of the improvement project.<br>Incentive Payment  | Hydroelectric Efficiency Improvement Incentives<br>DE-FOA-0003062 Section 243: Hydroelectric Efficiency Improvement Incentives Program. Owners or operators of existing hydroelectric facilities, including pumped storage hydropower, may apply for funding to make capital improvements that can improve their efficiency by at least 3%.  | Generation                        | Submitted                       | Awaiting Round 2 of Evaluation  | No cost   |  |

# Direct Opportunity

|             |                     |   |   |  |                  |                |                         |                                    |
|-------------|---------------------|---|---|--|------------------|----------------|-------------------------|------------------------------------|
| <b>GDO</b>  | Due 5/8/2023        | <b>US Dept of Energy</b>                                  | <b>Hydroelectric Production Incentives</b>  | <b>Generation</b>                              | <b>Deferred</b>  |                |                         |                                    |
|             |                     | \$1M annually   | Since 2005, the Hydroelectric Production Incentive Program (DE-FOA-0003061 Section 242) has provided incentive payments to qualified hydroelectric facilities for electricity generated and sold.   |  |                  |                |                         |                                    |
|             |                     | Incentive Payment   |   |  |                  |                |                         | No cost                            |
| <b>GRIP</b> | Submitted 4/6/2023  | <b>US Dept of Energy</b>                                  | <b>Wildfire Risk Mitigation</b>   | <b>Wildfire Resiliency</b>                     | <b>Submitted</b> | <b>Denied</b>  |                         | <b>Cost Share</b>                  |
|             |                     | Requested \$50M over 5 years                              | Accelerate Distribution Grid Hardening Plan and Wildfire Resiliency Program, including focus areas: Risk Based Vegetation, Automate Distribution, Emergency Response  |  |                  |                |                         | Avista Utilities                   |
|             |                     | Grants  |   |  |                  |                |                         | Approx 50%/50%                     |
| <b>GRIP</b> | Submitted 3/17/2023 | <b>US Dept of Energy</b>                                  | <b>Community Grid Platform</b>  | <b>Innovation</b>                              | <b>Submitted</b> | <b>Denied</b>  |                         | <b>Cost Share</b>                  |
|             |                     | \$17M   | 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.  |  |                  |                |                         | Avista Utilities                   |
|             |                     | Grants  |   |  |                  |                |                         | Approx 50%/50% (\$17M/\$19M)       |
|             | Submitted Fall 2022 | <b>ID Office of Energy &amp; Mineral Resources (OEMR)</b> | <b>OEMR Energy Resiliency Grant Program</b>   | <b>Electrical Engineering</b>                  | <b>Submitted</b> | <b>Awarded</b> |                         | <b>Cost Share/Project Owner</b>    |
|             |                     | \$230,000   | Wildfire Resiliency and Grid Hardening: Underground Section of Dalton 133 Feeder  | ID Legal Counsel                               |                  |                |                         |                                    |
|             |                     | Grant   |   |  |                  |                |                         | Approx 50%/50%                     |
|             | Submitted 3/1/2021  | <b>WA Dept of Commerce, US Dept of Energy</b>             | <b>Clean Energy Fund 2</b>  | <b>Innovation</b>                              | <b>Submitted</b> | <b>Awarded</b> | <b>\$150,000</b>        | <b>Platform Builder, Data Host</b> |
|             | Awarded 11/11/2021  | \$1.5M awarded  | Avista Innovation Lab AIL Digital Data Platform Data Platform Development for Clean Energy Fund 2 - Funded by Pacific Northwest National Laboratory with Dept of Energy funds \$300K  | PNNL   |                  |                | \$300,000               | Avista Utilities                   |
|             |                     | Grant   |   |  |                  |                |                         | Approx 33%/66% PNNL                |
|             | Submitted 2/1/2021  | <b>US Dept of Energy</b>                                  | <b>Connected Community Funding Opportunity Award</b>  | <b>Innovation Lab</b>                          | <b>Submitted</b> | <b>Awarded</b> | <b>\$3,202,000</b>      | <b>Cost Share / Pilot</b>          |
|             | Negotiated 10/2021  | \$1.4M awarded  | The Connected Communities funding program will select projects that will demonstrate how groups of buildings combined with other types of distributed energy resources (DERs), such as electric vehicle (EV) charging and photovoltaic (PV) generation, can reliably and cost-effectively serve as grid assets by strategically deploying efficiency and demand flexibility. DE-FOA-0002206 | EDO LLC  |                  |                | \$1,426,902             | EDO LLC                            |
|             |                     | Grant   |   |  |                  |                |                         | Approx 70%/30%                     |
|             | Submitted 10/2021   | <b>WA Dept of Commerce, US Dept of Energy</b>             | <b>Clean Energy Fund 3/4. Grid Modernization Program</b>  | <b>Energy Efficiency</b>                       | <b>Submitted</b> | <b>Awarded</b> | <b>\$240,000</b>        | <b>Project Lead</b>                |
|             |                     | \$480,000- 240,000 Avista-provided, 240,000 match         | Develop a design microgrid product to serve the Spokane Tribal for efficient energy consumption   |  |                  |                | \$240,000               | Avista Utilities                   |
|             |                     | Grant   |   |  |                  |                |                         | Approx 50%/50%                     |
|             | Submitted 6/1/2020  | <b>WA Dept of Commerce, US Dept of Energy</b>             | <b>Clean Energy Fund III - Electrification of Transportation Systems (ETS)</b>  | <b>Electric Transportation</b>                 | <b>Submitted</b> | <b>Awarded</b> | <b>\$5,878,000</b>      | <b>Project Manager</b>             |
|             | Awarded 12/11/2020  | \$2.5M awarded  | Spokane Regional Transportation Electrification   | Spokane Regional Transportation Council (SRTC) |                  |                | \$2,201,146 / \$298,854 | Avista Utilities                   |
|             |                     | Grant   | Installation of 32 DCFC and 110 ACL2 charging ports at 51 strategic locations in Spokane County   |  |                  |                |                         | Approx 70%/30%                     |
|             | Submitted 3/1/2019  | <b>Dept of Commerce</b>                                   | <b>Clean Energy Fund III Eco-District Grid Enabled Buildings. Grid Modernization Program</b>  | <b>Innovation</b>                              | <b>Submitted</b> | <b>Awarded</b> | <b>\$7,975,000</b>      | <b>Project Manager/Pilot</b>       |
|             | Awarded 2/11/2020   | \$2.5M awarded  | Deploy electric and thermal resources in the HUB between the utility and the eco-district.  | WA Dept of Commerce                            |                  |                | \$2,497,600             | Avista Utilities                   |
|             |                     | Grant   |   |  |                  |                |                         | Approx 70%/30%                     |
|             | Awarded 4/4/2017    | <b>Dept of Commerce</b>                                   | <b>Clean Energy Fund II Transactive Grid - Microgrid</b>  | <b>Innovation</b>                              | <b>Submitted</b> | <b>Awarded</b> | <b>\$8,652,201</b>      | <b>Project Manager/Pilot</b>       |
|             |                     | \$3.5M awarded  | 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.   | WA Dept of Commerce                            |                  |                | \$3,500,000             | Avista Utilities                   |
|             |                     | Grant   |   |  |                  |                |                         | Approx 60%/40%                     |
|             | Submitted 4/1/2014  | <b>Dept of Commerce</b>                                   | <b>Clean Energy Fund I Energy Storage</b>   | <b>Transmission</b>                            | <b>Submitted</b> | <b>Awarded</b> | <b>\$8,339,819</b>      | <b>Project Manager/Pilot</b>       |
|             | Awarded 6/30/14     | \$3.2M awarded  | Deployment and demonstration of Turner Energy Storage Battery Storage in Pullman at Schweitzer Engineering laboratories site.   | WA Dept of Commerce                            |                  |                | \$3,200,000             | Avista Utilities                   |
|             |                     | Grant   |   |  |                  |                |                         | Approx 60%/40%                     |

# Indirect Opportunity

| IIJA Category | Key Dates   | Grant Specs<br>(Agency,<br>Amount, Fund<br>Type)   | Project (Title & Summary)   | Contacts  | Application<br>Status | Award<br>Status | Cost (Avista's<br>Cost,<br>Federal/State,<br>Approximate<br>cost share %) | Roles (Avista's Role, Project<br>Sponsor)   |
|---------------|---|--|---|---|-----------------------|-----------------|---|---|
| GRIP          | Awarded Oct 2023  | US DOE Grid Deployment Office<br>\$38M group project across CA, ID, OR, WA<br>Grant  | Grid Resilience and Innovation Partnerships<br>Advanced Solutions for Wildfire Mitigation (technology for wildfire mitigation and detection)  | Innovation Lab<br>Grid Forward                                    | Submitted             | Awarded         | No matching.  | Utility Partner<br><br>Avista is one of several utility subrecipients (\$1M) with UMS Consulting as primary applicant |
| GRIP          | Awarded Oct 2023  | National Science Foundation<br>\$1M<br>Grant   | Type I Planning Grant<br>Regional Energy Platform for Grid Resiliency, Innovation and Decarbonization (Intent)  | Innovation Lab  | Submitted             | Award           |   | Utility Partner<br><br>INTENT is subrecipient<br><br>Urbanova   |
|               | Contract received 10/10/2023  | US Dept of Energy & PNNL<br>Total Grant \$3M (Avista's portion up to \$1)<br><br>Reimbursed cost. (Grant)                                    | Field demonstration & evaluation of Distributed Grid Sensor Service framework in the Energy Data Exchange Platform<br>This subcontract aims to deploy the DGSS framework in Contractor's grid innovation facility and connect to distribution line sensors with integrated communications at strategic locations on Contractor's distribution grid to obtain critical system information and to execute the demonstration use cases that will help aid in Contractor's effective operation and future planning of their system. | Sourcing Professional, Principal Engineer, Innovation Lab<br>PNNL | Submitted             | Awarded         | No matching. Full reimbursed cost.  | Subrecipient/Utility Partner<br><br>PNNL  |
|               | Due October 31, 2023  | USDA Rural Development<br>Grants   | High Energy Cost Grants<br>Assists energy providers and other eligible entities in lowering energy costs for families and individuals in communities with extremely high per-household energy costs (275 percent of the national average or higher.)  |   | Aware                 |                 |   |   |
| H2Hubs        | Awarded 10/2023   | PNWH2<br>\$1 Billion   | Regional Clean Hydrogen Hubs<br>As part of a larger \$8 billion hydrogen hub program funded through the Bipartisan Infrastructure Law, the H2Hubs will be a central driver in helping communities across the country benefit from clean energy investments, good-paying jobs and improved energy security.  | Clean Energy Strategy   | Submitted             | Awarded         | No cost   | Off-Takers (Buyer/Customer)   |
| IRA--TSED     | Voucher Providers- Sept 26, 2023<br>Voucher Recipients- Nov 7, 2023 | US Dept of Energy- Office of Clean Energy Demonstrations & Energy Efficiency & Renewable Energy (OCED&EERE)<br>\$100K of Work<br><br>Voucher | Clean Energy Demonstration Project Siting/Permitting Support<br>States, local governments, tribes, and other Authority Having Jurisdictions (AHJs) interested in learning about and facilitating clean energy demonstration project siting and permitting system. Eligible recipients must be seeking to host a clean energy project in their jurisdiction in one of the eligible technology areas.   | Enviro Affairs  | Aware                 |                 |   |   |

# Indirect Opportunity

|          |   |  |   |           |         |   |
|----------|---|--|---|-----------|---------|---|
|          | US Dept of Commerce<br>\$980 million available for Native American, Alaska Native and Native Hawaiian communities   | Internet for All<br>States and territories across the nation have Signed On to the Internet For All Initiative and committed to connecting their communities to reliable high-speed Internet for less through the Broadband Equity Access and Deployment and State Digital Equity Planning Grant Programs. These programs will provide more than \$48 billion for infrastructure deployment, skills training and access to technologies essential for Americans to connect with their communities, their democracy, and one another. | Indian Relations Advisor                                    | Aware     |         |   |
| IRA-GGRF | Submitted by 8/28/2023<br>US Environmental Protection Agency<br>\$25-\$400M per award   | Solar for All (Part of Greenhouse Gas Reduction Fund)<br>The agency will assess proposals on several metrics, including whether they produce at least 20% bill savings, provide resilience benefits during power outages and support workforce development.  | Indian Relations Advisor                                    | Submitted |         |   |
| IRA-GGRF | Grants<br>US Environmental Protection Agency  | Green House Gas Reduction Fund (See Solar for All above)<br>\$14 billion National Clean Investment Fund competition (2-3 recipients)<br>\$6 billion Clean Communities Investment Accelerator competition (2-7 hub nonprofits)<br>\$7 billion Solar for All competition (up to 60 grants)   | Indian Relations Advisor                                    | Submitted |         |   |
|          | Submitted by 8/15/2023<br>Economic Development Administration/ CHIPS (CHIPS and Science Act 2022- Creating Helpful Incentives to Produce Semiconductors)<br>\$65M average award Grant | Phase 1 Tech Hubs Program<br>Economic development for region--WA State Dept of Commerce. Aerospace manufacturing.  | Director of Business and Public Affairs<br>Lakeside Capital | Submitted |         | Letter of Support (regarding sustainability component)<br><br>Lakeside Capital  |
|          | Submitted by 8/15/2023<br>US Dept of Energy/ Advanced Research Projects Agency-Energy<br>\$250K-\$10M   | ARPA-E GOPHURRS (Grid Overhaul with Proactive, High-Speed Undergrounding for Reliability, Resilience, and Security)<br>The GOPHURRS program aims to reduce costs, increase speed, and improve the reliability and safety of undergrounding operations through the development of technologies focused on automation, damage prevention, and error elimination.   | Energy Delivery<br>Exodigo                                  | Submitted |         | Letter of Support   |
| GRIP     | Submitted 5/19/2023<br>US Dept of Energy  | Regional Energy Platform for Grid Resiliency, Innovation, and Decarbonization (REP-GRID)<br>Technical and non-technical approaches that improve grid reliability and resilience on a local, regional, and interregional scale.   | Innovation Lab  | Submitted | Denied  | Subrecipient<br><br>Urbanova<br><br>Primary: WA Dept of Commerce & ID Office of Energy and Mineral Resources (OEMR)<br>Subrecipient: Inland Northwest Center for Energy and Decarbonization (INTENT), Spokane Tribe of Indians, Nez Perce Tribe, Avista, U of I, WSU, GU, and EWU |
|          | Submitted 5/17/2023<br>WA Dept of Transportation<br>\$240K awarded<br>Grant   | ZAP (Zero-emissions Access Program)<br>Electric vans and pickups at GU and Kendall Yards for public and co-op rentals  | Electric Transportation<br>ZEV Co-op<br><br>Urbanova        | Submitted | Awarded | \$40,000 EV charger installation<br><br>\$200,000<br><br>Approx 20%/80%   |

# Indirect Opportunity

|      |                        |  |  |   |                                      |         |  |
|------|------------------------|--|--|---|--------------------------------------|---------|--|
| ERA  | Submitted<br>4/14/2023 | US Dept of Energy<br>\$90M requested   | Energy Improvement in Rural or Remote Communities<br>Large-scale demonstrations should benefit multiple communities, either through a single installation that benefits multiple rural or remote communities, or through a series of installations with similar or complementary characteristics across multiple communities.                                | Indian Relations Advisor                                    | Submitted                            | Denied  | Subrecipient<br><br>Nez Perce  |
|      | Submitted<br>3/23/2023 | WA Dept of Commerce<br>\$1.5M awarded  | Solar plus Storage for Resilient Communities<br>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.  | Innovation Program Manager                                  | Submitted                            | Awarded | \$800,000 Subrecipient (NCIF grant funding);<br>battery installation<br>\$1,500,000<br><br>Approx 33%/66%  |
|      | Submitted<br>3/23/2023 | US Dept of Energy<br><br>\$991K  | Tribal Formula Grant Funding for Energy Resilience Investments<br><br>Rural Clean Energy Grants program from entities that own, operate, and/or service anaerobic digesters located at dairies, as well as entities in rural and tribal communities seeking funds for clean energy projects.<br>aka Clean Energy Fund 5 Grid Modernization                   | Indian Relations Advisor, Energy Efficiency Program Manager | Submitted<br><br>supported submittal | Awarded | Subrecipient<br><br>Spokane Tribe: Spokane Tribe (awarded-HVAC), Nez Perce (considering), Colvilles (aware already allocated); but not applying yet) potentially more for other tribes |
| MBDA | Spring 2023            | US Commerce Minority Business Development Agency (MBDA) Capital Readiness Program                                      | Inland NW Rural Vitality Proposal  | Regional Business Manager                                   | Deferred                             |         |  |
|      | Submitted<br>2023      | US Dept of Agriculture<br><br>\$40M  | MYNO Carbon Reduction Facility<br><br>Kettle Falls Rerate Project  | Plant Manager KF, Senior O&M Manager<br><br>MYNO            | Submitted                            | Awarded | Avista spend \$25M; increase in facility output. MYNO will receive \$40M in USDA funding<br>Subrecipient; Kettle Falls Owner   |
| EV   | various/<br>ongoing    | US Environmental Protection Agency<br>\$50K per site   | Clean School Bus Program<br><br>EPA's new Clean School Bus Program provides \$5 billion over the next five years (FY 2022-2026) to replace existing school buses with zero-emission and low-emission models.   | Electric Transportation                                     | Submitted                            | Awarded | \$50,000 (up to, per site) Engineering and fleet advisory services—charging installation & outreach  |
|      | Awarded<br>11/6/2022   | WA Dept of Commerce<br>\$6M  | Utility Residential Customer Arrearage Grant<br>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 pandemic and the related economic downturn, that were accrued between March 1, 2020 and December 31, 2021. | Energy Efficiency   | Submitted                            | Awarded | Aid Distribution<br><br>\$6,128,248<br><br>No matching.  |
|      | Awarded<br>8/31/2020   | US Dept of Energy (Solar Energy Technologies Office)/ Georgia Institute of Technology<br><br>\$500K awarded and shared | Solar Energy Technologies Office Fiscal Year 2019 Funding Program: DE-FOA-0002064<br><br>The funding program will target five research areas: photovoltaics (PV), concentrating solar-thermal power (CSP), soft costs reduction, innovations in manufacturing, and solar systems integration.  | Innovation Lab<br><br>WSU                                   | Submitted                            | Awarded | \$244,605 Award Subrecipient<br><br>\$244,530 Georgia Tech<br><br>Approx 50%/50%   |

## Indirect Opportunity

|   |  |   |                       |                |         |   |
|---|--|---|-----------------------|----------------|---------|---|
| Submitted<br>10/1/2017<br>Awarded<br>7/5/2018 | University of<br>Idaho<br>\$1M awarded<br>and shared | Assist-US India Collaborative with smart<br>distribution system with storage<br>Research and Development on distribution<br>system modeling, energy storage microgrid,<br>cyber security, energy mgmt, integrating<br>Distribution Management Systems (DMS)<br>and Distributed Energy Resources (DER)<br>Control. | Innovation Lab<br>WSU | Submitted      | Awarded | \$480,000 Cost Share Labor / Pilot<br>\$500,000 WSU-Prime Awardee |
| Grant   |  |   |                       | Approx 50%/50% |         |   |

**Inflation Reduction Act - Clean Energy Infrastructure Programs at Department of Energy**

 Website: <https://www.energy.gov/infrastructure/clean-energy-infrastructure-programs-department-energy>

| PROGRAM NAME   | DOLLARS         | DESCRIPTION   | NOTES   |
|--|-----------------|---|---|
| <a href="#">Advanced Industrial Facilities Deployment Program</a>  | \$5,812,000,000 | Carry out projects for:<br>Purchase and installation or implementation of advanced industrial technologies at eligible facilities<br>Retrofits, upgrades or operational improvements at eligible facilities to install or implement advanced industrial technologies<br>Engineering studies and other work needed to prepare eligible facilities for activities described in 1) or 2)   | Not eligible  |
| <a href="#">Advanced Technology Vehicles Manufacturing Loan Program</a>                                  | \$3,000,000,000 | Loans for project that manufacture a range of advanced technology vehicles and their components, including light-duty vehicles, medium- and heavy-duty vehicles, locomotives, maritime vessels including offshore wind vessels, aircrafts, and hyperloop. The IRA specifies that funds may be used for the costs of providing direct loans for reequipping, expanding, or establishing a manufacturing facility in the United States to produce, or for engineering integration performed in the United States of, newly authorized types of advanced technology vehicles only if those vehicles emit, under any possible operational mode or condition, low or zero exhaust emissions of greenhouse gases.   | Not eligible  |
| <a href="#">Availability of High-Assay Low-Enriched Uranium (HALEU)</a>                                  | \$700,000,000   | Acquisition of HALEU, activities that support transportation of HALEU, and activities to support the availability of high-assay low-enriched uranium for civilian domestic research, development, demonstration, and commercial use.  | Not eligible  |
| <a href="#">Clean Energy Financing</a>   | \$3,600,000,000 | To support the cost of loans for clean energy technologies. IRA provided \$40 billion of additional loan guarantee authority supported by \$3.6 billion in credit subsidy for projects eligible for loan guarantees under section 1703 of the Energy Policy Act of 2005. This authority is open to all eligible Title 17 Clean Energy technology categories, including fossil energy and nuclear energy, and new categories of activities, including critical minerals processing, manufacturing, and recycling. As a general matter, eligible projects must involve new or significantly improved technology. However, projects that also receive financial support from state energy financing institutions (SEFI) are exempt from the innovation requirements. | This is a loan program. Avista is not focused on loan opportunities at this time.   |
| <a href="#">Department of Energy Oversight</a>   | \$20,000,000    | Oversight by and activities of the Department of Energy Office of Inspector General of the Department of Energy   | Not eligible  |
| <a href="#">Domestic Manufacturing Conversion Grants</a>   | \$2,000,000,000 | Domestic production of, or components for, efficient hybrid, plug-in electric hybrid, plug-in electric drive, and hydrogen fuel cell electric vehicles.   | Not eligible  |
| <a href="#">Effective and Efficient Environmental Reviews</a>  | \$115,000,000   | Funds will be used to hire and train personnel and develop tools, techniques, and guidance to improve transparency, accountability, and public engagement.  | Not eligible  |
| <a href="#">Energy Improvements in Rural or Remote Areas</a>   | \$1,000,000,000 | ERA aims to fund community-driven energy projects with three specific goals: 1. Deliver measurable benefits to energy customers in rural or remote areas by funding replicable energy projects that lower energy costs, improve energy access and resilience, and/or reduce environmental harm 2. Demonstrate new rural or remote energy system models using climate-resilient technologies, business structures that promote economic resilience, new financing mechanisms, and/or new community engagement best practices 3. Build clean energy knowledge, capacity, and self-reliance throughout rural America   | Indirect Opportunity  |
| <a href="#">Energy Infrastructure Reinvestment Financing</a>   | \$5,000,000,000 | This program will guarantee loans to projects that retool, repower, repurpose, or replace energy infrastructure that has ceased operations or that enable operating energy infrastructure to avoid, reduce, utilize, or sequester air pollutants or anthropogenic emissions of greenhouse gases. The IRA placed a total cap on loan guarantees of up to \$250 billion and appropriated \$5 billion in credit subsidy to support these loan guarantees under section 1706 of the Energy Policy Act of 2005.  | This is a loan program. Avista is not focused on loan opportunities at this time.   |
| <a href="#">Enhanced Use of Defense Production Act of 1950</a>   | \$250,000,000   | Entities capable of establishing or expanding manufacturing capacity (Electric Heat Pumps)  | Not eligible  |
| <a href="#">Home Efficiency Rebates</a>  | \$4,300,000,000 | For States.<br>A State energy office may use up to 20% of awarded funds for planning, administration, or technical assistance.<br>A State energy office must use at least 80% of awarded funds to provide single-family and multifamily households with discounts for efficiency upgrades that are predicted to save at least 20% of the home's energy use.   | Avista Energy Efficiency team responded to an RFI in February of 2023 that was asking for community and utility energy program management best practices for home efficiency rebates. |
| <a href="#">Home Electrification and Appliance Rebate</a>  | \$4,500,000,000 | A State energy office or Indian Tribe may use up to 20% of awarded funds for planning, administration, or technical assistance.<br>A State energy office or Indian Tribe must use at least 80% of awarded funds to provide single-family and multifamily households with discounts for high efficiency home appliances and equipment.   | Not eligible  |
| <a href="#">Idaho National Laboratory Infrastructure Investments</a>                                     | \$150,000,000   | Supports infrastructure improvements at the Idaho National Laboratory.  | Not eligible  |
| <a href="#">Interregional and Offshore Wind Electricity Transmission Planning, Modeling and Analysis</a> | \$100,000,000   | Funding to (1) convene relevant stakeholders and (2) conduct transmission planning, modeling and analysis of interregional and offshore wind transmission.  | Not eligible  |
| <a href="#">National Laboratory Infrastructure - Office of Energy Efficiency and Renewable Energy</a>    | \$150,000,000   | Providing funding for infrastructure improvements at the National Renewable Energy Laboratory.  | Not eligible  |
| <a href="#">National Laboratory Infrastructure - Office of Fossil Energy and Carbon Management</a>       | \$150,000,000   | Providing funding for infrastructure improvements at the National Energy Technology Laboratory.   | Not eligible  |
| <a href="#">National Laboratory Infrastructure - Office of Science</a>                                   | \$1,550,000,000 | Providing funding for existing infrastructure improvements and projects at laboratories and universities.   | Not eligible  |
| <a href="#">State-Based Home Efficiency Contractor Training Grants</a>                                   | \$200,000,000   | State may use amounts received to<br>Reduce the cost of training contractor employees;<br>Provide testing and certification of contractors trained and educated under a State program developed and implemented pursuant to subsection (a); and<br>Partner with nonprofit organizations to develop and implement a State program pursuant to subsection States administrative costs may not exceed 10%  | Not eligible  |
| <a href="#">Technical Assistance for the Adoption of Building Energy Codes</a>                           | \$1,000,000,000 | Grants to assist States and units of local government that have authority to adopt and implement the latest model energy codes (i.e., 2021 IECC & ASHRAE Standard 90.1-2019), zero energy building codes, or other codes or standards that achieve equivalent or greater energy savings. The Inflation Reduction Act requires that a jurisdiction implement a plan to achieve "full compliance" with the adopted energy code or equivalent standard. Eligible activities include adoption, compliance, workforce, training, enforcement, tools, and implementation support.   | Not eligible  |
| <a href="#">Transmission Facility Financing</a>  | \$2,000,000,000 | Transmission Facility Financing is designed to carry out a direct loan program for transmission facility financing for the construction or modification of electric transmission facilities designated by the Secretary to be in the national interest under section 216(a) of the Federal Power Act.<br>Construction or modification of Transmission facilities designated by the Secretary to be necessary in the national interest under section 216(a) of the Federal Power Act.  | This is a loan program. Avista is not focused on loan opportunities at this time.   |



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| <p><a href="#">Transmission Siting and Economic Development Grants Program</a></p> | <p><b>\$760,000,000</b></p>   | <p>The Transmission Siting and Economic Development Grants Program will facilitate siting of transmission projects by providing grants to siting authorities to expedite the siting and permitting process and providing grants for economic development activities in communities that may be affected by a transmission project.</p> <p>Grants to siting authorities for analysis, examination of alternative siting corridors, participation in regulatory proceedings in other jurisdictions related to a transmission project, or other measures that reduce the time to site and permit a transmission project. A siting authority must agree, in writing, to reach a final siting or permitting decision not later than 2 years after the date on which a grant is provided.</p> <p>Grants for economic development activities for communities that may be affected by the construction and operation of transmission projects. The Secretary may only disburse grant funds for economic development activities to (a) a siting authority upon approval by the siting authority of the transmission project; and (b) to any other state, local, or Tribal governmental entity upon commencement of construction of the transmission project.</p> | <p><b>Will monitor.</b></p>  |
| <p><a href="#">Tribal Energy Loan Guarantee Program</a></p>                        | <p><b>\$75,000,000</b></p>    | <p>The Tribal Energy Loan Guarantee Program supports tribal investment in energy-related projects by providing loan guarantees to federally recognized tribes, including Alaska Native villages or regional or village corporations, or a Tribal Energy Development Organization that is wholly or substantially owned by a federally recognized Indian Tribe or Alaska Native Corporation. The IRA increased the available loan authority from \$2 billion to \$20 billion and provided \$75 million to carry out the program.</p>   | <p><b>Not eligible</b></p>   |
| <p><a href="#">Home Energy Rebate Programs</a></p>                                 | <p><b>\$8,800,000,000</b></p> | <p>The Office of State and Community Energy Programs (SCEP) is working to distribute these funds so that households across the country can soon access these benefits. The Inflation Reduction Act of 2022 includes two provisions authorizing \$8.8 billion in rebates for Home Efficiency Rebates and Home Electrification and Appliance Rebates.</p>   | <p><a href="https://www.energy.gov/scep/home-energy-rebate-programs">https://www.energy.gov/scep/home-energy-rebate-programs</a></p> |