

Quarterly Progress Report

FY24						
January 1 - March 31 (Q2)						
Select Submission Month:	April	Enter Submission Day:	17	Enter Submission Year:	2024	04/17/24
Recipient	Virginia Department of Energy					
DOE Grant Agreement Number	DE-FE0032436					
DOE Federal Project Manager	Joseph Renk					
Technical Program Manager Name	Brad Boyd					
Technical Program Manager Email	brad.boyd@energy.virginia.gov					
Technical Program Manager Phone Number	276-639-6095					
Business POC Name	John Thompson					
Business POC Email	john.thompson@energy.virginia.gov					
Business POC Phone Number	276-696-7100					
Recipient State	Virginia					
Total Number of Wells Plugged to Date	0					
Total Number of Wells Plugged this Quarter	0					
Total Number of Wells Plugged in Disadvantaged Communities to Date	0					
Total Number of Wells Plugged in Disadvantaged Communities this Quarter	0					
Total P&A Costs to Date	\$0					
Total Environmental Restoration Costs to Date	\$0					
Total Methane Measurement Costs to Date	\$0					
Cummulative Annual Methane Emissions Reduction from All Plugged Wells (Metric Tons/yr)	0					
Major Accomplishments During Reporting Period	The Virginia Department of Energy (Virginia Energy) has started the internal prioritization process. Virginia Energy is working with internal web designers to update the Agency's website for submission of the required information. Informal discussions with operators have begun.					
Planned Work for Next Reporting Period	Virginia Energy will finalize the formal prioritization requirements and send information to operators. The Agency will also finalize website updates and begin publishing program data.					
Items of Note	Virginia Energy is finalizing a contract to utilize with operators. This will require Office of Attorney General approval. Once approved, Virginia Energy will begin formal discussions with operators.					

QUARTERLY SPEND PLAN				
Quarter	Federal Share		Non-Federal Share	
	Planned	Actual	Planned	Actual
Q0 (Current Reporting Period)	\$0.00	\$0.00	\$0.00	\$0.00
Q ¹				
Q ²				

ADMINISTRATIVE COSTS			
	Federal Share	Non-Federal Share	Total
Total Federal Grant Amount	\$0		\$0
Total Admin & TA Costs To Date	\$0	\$0	\$0
Percentage of Total Federal Grant Amount Used for Admin & TA (May not exceed 10%)	0%		

MILESTONE STATUS TABLE					
Milestone	Milestone Title	Completion Date		Status	Items of Note
		Planned	Actual		
Task 1.0	Project Management Planning	09/30/28		On Track	
Task 2.0	Stakeholder Engagement and Community Benefits	08/30/24		On Track	
Task 3.0	Prioritization of MCWs	09/30/24		On Track	
Task 4.0	Measuring Methane Emissions at MCWs	09/30/28		On Track	
Task 5.0	Plugging MCWs	09/30/28		On Track	
Task 6.0	Well Abandonment and Environmental Restoration of Well Pads	09/30/28		On Track	

DATA SHARING REQUIREMENTS FOR PUBLIC WEBSITE					
Data Sharing Requirement	Description	Completion Date			Status
		Planned Initial Submission	Actual Initial Submission	Planned Update Frequency / Latest Update Submission	
DSR1.1	COMMUNITY BENEFITS DATA SHARING: Add information regarding plans to engage with community partners (e.g., local and/or Tribal governments, labor unions, and community-based organizations) that support or work with underserved communities, including Disadvantaged Communities.	07/31/24		30 days	On Track
DSR1.2	COMMUNITY BENEFITS DATA SHARING: Add the number of high-quality jobs created (including workers from underserved populations).			30 days	On Track
DSR1.3	COMMUNITY BENEFITS DATA SHARING: Add any activities to date that target advancement of diversity, equity, inclusion, and accessibility (DEIA).	07/31/202		30 days	On Track
DSR1.4	COMMUNITY BENEFITS DATA SHARING: Add any activities to date that contribute to the Justice40 Initiative.	07/31/202		30 days	On Track
DSR1.5	WELL PRIORITIZATION DATA SHARING: Report information on the process and status of identifying and prioritizing MCWs to be permanently plugged.	07/31/202		30 days	On Track
DSR1.6	DATA SHARING ON EMISSIONS REDUCTIONS: Identify each of the MCW locations.	08/31/24		30 days	On Track
DSR1.7	DATA SHARING ON EMISSIONS REDUCTIONS: Add estimated annual reduction of methane emissions from each MCW location.	09/30/24		30 days	On Track
DSR1.8	DATA SHARING ON EMISSIONS REDUCTIONS: Add the total estimated annual reduction of methane emissions from all wells plugged.	09/30/24		30 days	On Track
DSR1.9	DATA SHARING ON WELL PLUGGING: Input the following data associated with each well location: operator/well owner, well type (e.g., oil/gas), production rate prior to plugging, total cost of well plugging, and whether the plugged well is located in a disadvantaged community.	09/30/24		30 days	On Track
DSR1.10	DATA SHARING ON WELL PLUGGING: Input the following data associated with each plugged well: total number of wells plugged, total number of plugged wells of each type, total production rate of plugged wells prior to plugging, total costs of well plugging, and number of wells plugged in disadvantaged communities.	09/30/24		30 days	On Track
DSR1.11	DATA SHARING ON ENVIRONMENTAL RESTORATION: If applicable, include the following for each well location: environmental restoration activities performed at each well pad, acreage of reclaimed and restored land, and cost of environmental restoration activities.	09/30/24		30 days	On Track
DSR1.12	DATA SHARING ON ENVIRONMENTAL RESTORATION: If applicable, include aggregated data on the total acreage of reclaimed and restored land and the total cost of environmental restoration activities for all well locations.	09/30/24		30 days	On Track

PROJECT VENDORS AND SUBAWARDS

Number	Organization	Subaward/ Vendor	Total Budget	Start Date	End Date	Business Address	Point of Contact	Subaward/Vendor Category*	Category of Work**
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Add rows as needed

<p>*Subrecipient Category:</p>	<p>* Well Owner/Operator *</p> <p>Well Plugging Contractor</p> <p>* Methane Emissions Measurement Contractor</p> <p>* Environmental Resoration Contractor</p> <p>*Other (describe)</p>
<p>**Category of Work:</p>	<p>* Well Plugging and Abandonment</p> <p>* Methane Emissions Measurement</p> <p>* Environmental Resoration</p> <p>* Other (describe)</p>

QUANTITATIVE WELL DATA

Number	API Number or Applicable Well Identifier	County	Latitude	Longitude	Previous 12-Month Production Rate (BOEPD)	Pre-Plugging Emissions (g/hr)	Post-Plugging Emissions (g/hr)	Annual Methane Emissions Mitigated (Metric Tons/yr)	Total P&A Costs by Well	Environmental Restoration Costs by Well	Methane Measurement Costs by Well
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
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18											
19											
20											
21											
22											
23											
24											
25											
							Totals	0	\$0	\$0	\$0

Add rows as needed

ADDITIONAL WELL DATA

Number	API Number or Applicable Well Identifier	County	Latitude	Longitude	Date Well was Permanently Plugged	Well Owner /Operator	Well Plugging Contractor	Well Type (e.g. oil, gas)	Location in Disadvantaged Community*	Location on Tribal Lands	Methane Emissions Measurement Instrument	Methane Emissions Measurement Contractor	Environmental Restoration Activities Performed	Acreage of Reclaimed and Restored Land	Environmental Restoration Contractor
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
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19															
20															
21															
22															
23															
24															
25															

Add rows as needed

Total Wells in Disadvantaged	0	0
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*DOE recognizes disadvantaged communities as defined and identified by the White House Council on Environmental Quality's Climate and Economic Justice Screening Tool (CEJST), located at: <https://screeningtool.geoplatform.gov/>

Equity and Justice

Instructions:

1. Fill out the header information below with your **Recipient Name** and **Agreement # (CID)** to auto-populate the headers at the top of each tab.
2. Input dates below for the current **Reporting Period's Start and End Dates**.
3. Each tab will have additional instructions to assist in the completion of each form.

Document Header Information

Recipient Name:	VA Dept of Energy	Agreement # (CID):	DE-FE0032436
Reporting Period Start Date:	01/01/24	Reporting Period End Date:	03/31/24

Comments or Concerns about this form can be submitted at the following link:

[BIL Reporting Template Feedback](#)

Template Version: 3

Do not submit Protected Personally Identifiable Information (Protected PII) to DOE. For more information on Protected PII, see Appendix A of the BIL Federal Assistance Reporting Checklist

Community Ownership	
Recipient Name: VA Dept of Energy	Agreement # (CID): DE-FE0032436
Reporting Period Start Date: 01/01/24	Reporting Period End Date: 03/31/24
Instructions:	
<p>This report applies to all projects that build or install new clean energy or climate assets that are owned in any part or in full by a community or communities or operated under ownership sharing agreements. This may include projects for which developing community owned assets is not the primary goal but include it as a fringe benefit. Recipients should report whether any or all projects will be community owned as well as the compensation the community will receive.</p> <p>Column B: Assign a Unique Identifier for each asset contributing to a community ownership or ownership sharing project. Note: Please use a new row per each individual asset.</p> <p>Column C: Input Asset Type (e.g., turbines, residential solar, small wind) for each asset contributing to a community ownership or ownership sharing project).</p> <p>Column D: Select whether the asset is Community Owned (i.e., greater than 50% of the value of the asset is owned by the community) or not community owned).</p> <p>Column E: Report the Name of the Community or Organization that owns the asset. If it is more than one community or organization please list all entities separated by semicolons.</p> <p>Column F: Select Asset Status for each asset being reported.</p> <p>Columns G-H: Input the 5-Digit Zip Code and + 4 for each asset location (please use the Zip Code Lookup elink provided in the header if you are unsure).</p> <p>Column I: Input the Expected Date the community <u>plans to acquire or complete construction</u> of the clean energy asset.</p> <p>Column J: Input the Actual Date the community <u>acquires or completes construction</u> of the clean energy asset. <u>This should be N/A until completion.</u></p> <p>Column K: Input the Expected annual return/compensation dollar amount for communities for each individual asset.</p> <p>Column L: Input the Actual annual return/compensation dollar amount for communities for each individual asset.</p> <p>Column M: Input the Total dollar value of for each individual asset of community owned clean energy assets built or purchased by the community.</p> <p>Column N: Please describe or reference the Community Ownership Structure.</p> <p>Column O: Please provide the % of Community Ownership in whole numbers.</p> <p><small>Note: If you need additional rows, be sure to 'Copy' existing rows and 'Insert Copied Cells' for the drop-downs and conditional formatting to function properly.</small></p>	

Community Ownership													
Community Asset Details							Date Built or Acquired by Community		Return/Compensation for Community		Total Dollar Value of Community Owned Clean Energy Assets	Community Ownership Description	% of Community Ownership
Each Asset Unique Identifier	Asset Type	Current Ownership Status	Name of Community Owner	Asset Status	ZIP Code™ Lookup		Expected Date	Actual Date	Expected \$/yr	Actual \$/yr	\$	Please describe how community ownership is structured	Provide % of community ownership
					5-Digit Zip Code	Zip Code +4							
Total										\$0	\$0	\$0	

Community of Interest Definitions	
Disadvantaged Community:	Disadvantaged Community: For the purposes of this guidance “disadvantaged communities” are defined at the census tracts level. Until OMB provides final guidance, programs should use DOE’s Justice40 working definition of disadvantaged community. As part of this definition DOE will recognize disadvantaged communities as defined and identified by the White House Council on Environmental Quality’s Climate and Economic Justice Screening Tool (CEJST). DOE uses 36 burden indicators (e.g., job access, air toxics cancer risk) grouped by four categories – socio-economic vulnerabilities, environmental and climate hazards, fossil dependence, and energy burden - to determine which census tracts are considered disadvantaged. To be considered a disadvantaged community under the DOE definition, a census tract must rank in or above the 80th percentile of cumulative sum of the 36 burden indicators for its state and have at least 30% of households classified as low income. Additionally, federally recognized tribal lands and U.S. territories, minority serving institutions and small disadvantaged businesses are considered part of a disadvantaged community, even if they are not located in disadvantaged census tracts.
Energy Community:	Energy Community: For the purposes of this guidance, “energy communities” are 1) any “Covered Census Tract” under 42 U.S.C. § 18742(a)(2) (census tracts that have had coal mines that have closed or coal-fired power plants that have retired after a certain date, as mapped at: https://arcgis.netl.doe.gov/portal/apps/experiencebuilder/experience/?id=09457c326145417595287951ed376a29); and 2) the top 75 Bureau of Labor Statistics Areas for fossil energy employment identified by the Interagency Working Group on Coal & Power Plant Communities & Economic Revitalization (available at https://edx.netl.doe.gov/dataset/datasets-for-iwg-report-on-energy-communities ; mapped on page 6 at https://energycommunities.gov/wp-content/uploads/2021/11/Initial-Report-on-Energy-Communities_Apr2021.pdf). This definition may be updated to reflect any new definition established by the Interagency Working Group on Coal & Power Plant Communities & Economic Revitalization or to align with the definition of Energy Communities defined for use in implementing the Inflation Reduction Act.
Rural Community:	Rural Community: Federal agencies do not have a standard definition for rural therefore for the purposes of this guidance a “rural community” will be defined according to the definition of ‘rural and remote areas’ in BL Sec. 40103 – “a city, town, or unincorporated area that has a population of not more than 10,000 inhabitants.”
American Indian and Alaska Native Community:	American Indian and Alaska Native Community: group of American Indian or Alaska Native people who have blood degree from and is recognized as such by a federally recognized Indian tribe (as an enrolled tribal member) and/or the United States and who reside in a specific locality, share a government, and often have a common cultural and historical heritage. Indian Tribe: As defined in in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. § 5304),[1] means any Indian tribe, band, nation, or other organized group or community, including any Alaska Native village or regional or village corporation as defined in or established pursuant to the Alaska Native Claims Settlement Act (85 Stat. 688) [43 U.S.C. § 1601, et seq.], which is recognized as eligible for the special programs and services provided by the United States to Indians because of their status as Indians. Specifically, an Indian tribe, band, nation or other organized group or community (including Alaska Native villages) federally recognized as listed in Indian Entities Recognized and Eligible to Receive Services from the United States Bureau of Indian Affairs, published by the Department of Interior’s Bureau of Indian Affairs in the Federal Register on January 12, 2023, 88 FR 8. Community means a group of any size whose members reside in a specific locality, share government, and often have a common cultural and historical heritage.

Technical Assistance Definitions	
Technical Analysis:	Tools, resources, self-assessment toolkits Testing, validation Modeling, analysis (proactive & reactive) Tracking performance-data collection, benchmarks, inc. damage assessments from disasters
Financial Analysis:	How to access to financial resources. Inc. grants, loans, loan loss reserves Economic or market analysis Financial incentives, networks, demand pull
Training:	Specific energy topics, inc. financial, technical, community engagement Training for SLTT or cross-functional groups DOE grant management 101: Recipient roles & responsibilities
Program Assistance:	Best practices, lessons learned Project or program design input, inc. DOE applications and social science for program design
Policy & Planning Assistance:	Direct support to strategic planning processes, inc. utility/state/cross-function Funding to support participation in official state/utility processes Funding to support an autonomous, self-directed process the SLTT is undertaking Expert support to review draft policies re: best practices, successful examples, offer guidance/tips
Capacity Building:	Add or strengthen human capital to focus on energy issues, inc. fellows Strategy development for long-term engagement & coordination, inc. cohort support Help identify & address challenges, needs, priorities re: specific energy topics, inc. to prepare for proposal writing, program evaluation
Stakeholder Engagement & Coordination:	Engagement from DOE services/staff to respond to incoming stakeholder requests & route to other types of TA as appropriate Engagement to help SLTT identify, prioritize & engage with DOE programs Convene & connect disparate stakeholders & efforts for greater impact

Community Ownership	
Community Ownership	Integrating opportunities for community ownership of assets into program implementation is well-aligned with DOE Justice40 execution, as it enables deeper participation of communities in projects and increases community benefits. Through community ownership or ownership sharing arrangements, energy consumers and community members have partial ownership—and therefore partial authority—over the project. An example of successful ownership-sharing models is the Minnesota “flip” model of community ownership, where farmers hosting wind turbines receive ownership and profit after a certain amount of time. ²³ Community or shared ownership models can have socio-economic benefits, reduce barriers to project completion, and increase energy reliability and resilience. ²⁴ Community ownership in this context means that the majority of the project is owned by the local community and community participants’ investments, if any, are offset by their compensation from the project.

Labor Agreement	
Labor Organizations	A labor organization is a labor union, which is a group of two or more employees who join together to advance common interests such as wages, benefits, schedules and other employment terms and conditions. Joining together - or “acting collectively” - workers represented by unions have a powerful voice that strengthens their ability to negotiate with their employer about their concerns. Higher wages, health insurance, vacation days, paid sick leave and retirement benefits are a few examples of what workers achieve through their unions. Workers also pursue other enhancements - such as flexible scheduling, protections against harassment and safer working conditions - that improve the quality of jobs and workers’ well-being.
Unions	Unions are membership-driven, democratic organizations governed by laws that require financial transparency and integrity, fair elections and other democratic standards, and fair representation of all workers. Learn about the laws that govern unions:
Right to fair representation National Labor Relations Board (nlrb.gov)	Right to fair representation Labor Management Reporting and Disclosure Act

Training Outcomes

Instructions:

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Training Outcomes

Recipient Name: VA Department of Energy

Agreement # (CID): DE-FE0032436

Reporting Period Start Date: 01/01/24

Reporting Period End Date: 03/31/24

Instructions:

This report is required for all projects requiring DBA compliance, those that discuss workforce development or training in statute, as well as any projects where recipients utilize a portion of their BIL funding on workforce development are required to report on training and training outcomes. Only career-track training that focuses on skill development or pathways into career-track training such as pre-apprenticeship should be tracked for this metric. Career-track training leads to an appropriate industry-recognized credential, professional qualification, or license. It teaches broad occupational knowledge and skills that can be applied across a range of technologies, leading to a number of different career paths. Continuing education allowing incumbent workers to keep up with the latest technology and practices, and to advance in their careers, is another important element of career-track training. This report will also track the number of workforce partnerships involving employers, community-based organizations (CBOs), or labor unions, including partnerships specified in community benefits agreements and project labor agreements, or similar.

Column C: Enter the appropriate response for each question in each row for **this reporting period only**. This will require a dropdown selection or numerical input where appropriate.

Column D: Provide any additional explanations or names of organizations required based on your responses for each question.

Training Metrics

Training Metrics	Response	Explanation
Was training offered as part of the project? (This includes construction projects that hire registered apprentices.)	No	
Type of training provided? If other, please describe.		
Does readiness training have an agreement with community college or apprenticeship program to accept trainees from readiness program? Provide further explanation for your yes or no response.	No	
Does your program target underserved or underrepresented population for training? If yes, provide an explanation of what target population serve.		
Did you partner with a community-based organization? If yes, provide a name of the organization.	No	
Did you partner with a labor union? If yes, provide a name of the union.	No	
Number of individuals receiving training (including registered apprenticeship) as part of the project.		
Average number of hours of training per individual (including on-the-job training/work performed by registered apprentices).		
Total financial value? Provide an explanation of type of supportive services provided to trainees (e.g. childcare, transportation, mentoring, counseling, tools and work clothes, stipends, etc.)		
Number of individuals trained?		
Number of individuals receiving raise or promotion as a result of training?		
Number of individuals that are placed in new paid positions (including registered apprenticeships) as a result of training?		

Trainee Demographics

Recipient Name: VA Department of Energy

Agreement # (CID): DE-FE0032436

Reporting Period Start Date: 01/01/24

Reporting Period End Date: 03/31/24

Instructions:

Table 1. Column C: Of the total number of trainees this reporting period only, please enter the % of trainees for each listed **Race category**.

Table 2. Column C: Of the total number of trainees this reporting period only, please enter the % of trainees for each listed **Gender category**.

Table 3. Column C: Of the total number of trainees this reporting period only, please enter the % of trainees for each listed **Ethnicity category**.

Table 1: Trainee Demographics/Race

Race	% Percent
American Indian or Alaska Native	
Native Hawaiian or Other Pacific Islander	
Asian	
Black or African American	
White	
Other	
Two or More	
Prefer Not to Say	

Table 2: Trainee Demographics/Gender

Gender	% Percent
Male	
Female	
Non-Binary	
Other	
Prefer Not to Say	

Table 3: Trainee Demographics/Ethnicity

Ethnicity	% Percent
Hispanic or Latino	
Not Hispanic or Latino	
Prefer Not To Say	