



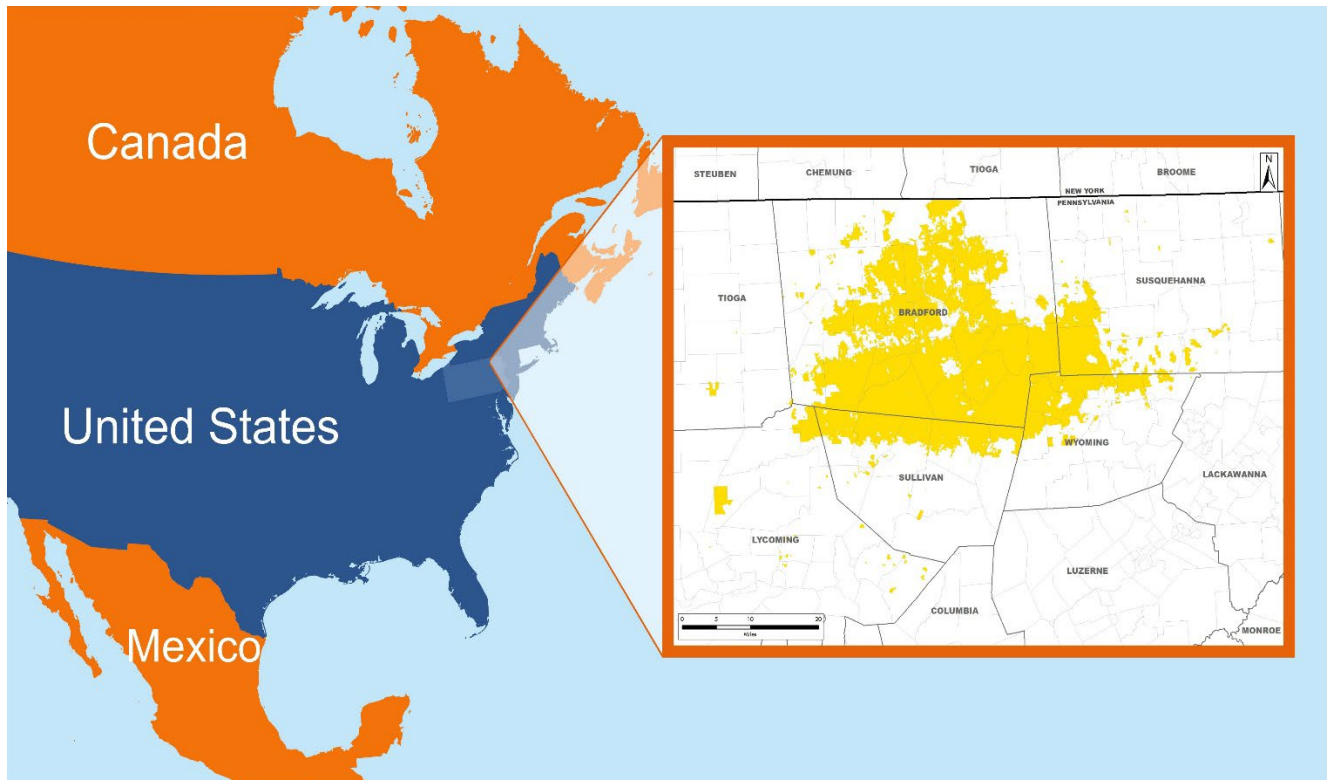
EQUITABLE
ORIGIN
CERTIFIED



CHESAPEAKE
ENERGY

Site Overview

Operator:	Chesapeake Energy Corporation
Certified Unit:	<i>Chesapeake Energy Corporation, Marcellus</i>
Location:	Bradford, Sullivan, Susquehanna, Wyoming, and Lycoming Counties, Pennsylvania, USA
Area:	650,000 net acres
Number of employees:	Approximately 1,300
Production phase:	Active production
Production volume:	Approximately 4.4 bcf/d
Assessment Body:	Responsible Energy Solutions, LLC



Site Profile

Chesapeake Energy Corporation (CHK) is a natural gas focused energy company with current operations in Pennsylvania, Louisiana, Texas, Wyoming in the United States. This summary report details the results of the assessment for the Marcellus Shale Operations in Bradford, Sullivan, Susquehanna, Wyoming, and Lycoming Counties in Northeast Pennsylvania under the EO100™ Standard for Responsible Energy Development (2017) and the EO100™ Technical Supplement for Onshore Natural Gas and Light Oil Production (2022) certification standard.

CHK has incorporated the operation of its EO100™ Certified sites previously identified as *CHK Appalachia* and *CHK MA* into one operating unit presently identified as *Chesapeake Energy Corporation, Marcellus*. Both certifiable units were previously certified under the EO100™ Standard for Responsible Energy Development (2017) and the EO100™ Standard Addendum for Shale Oil and Gas Operations (2015) certification standard – as of June and December of 2022, respectively. This summary report details the follow-up assessment of the areas previously certified (and now jointly referred to as *Chesapeake Energy Corporation, Marcellus*) and reviews additions in the area of operations.

Through CHK’s subsidiary, Chesapeake Appalachia, LLC, the company has focused current Marcellus operations in Northeast Pennsylvania across 650,000 net acres under lease. As of March 2022, CHK further completed its acquisition of Chief Oil and Gas LLC, Chief Exploration and Development LLC leases and wells in Pennsylvania and has integrated those facilities into the CHK operations. The company operates approximately 942 wells in the area of review, located on 429 well pads with an approximate natural gas annual production volume of 4.4 bcf/d.

The Appalachian Basin is part of the Marcellus Shale stretching from Western New York State south through Pennsylvania into West Virginia and including part of Southeastern Ohio. The portion of the Marcellus Shale from which CHK produces natural gas is primarily a “dry” gas formation producing gas with little or no natural gas liquids (NGLs).

Stakeholders and Communities

CHK has identified ten stakeholder groups in its Corporate Responsibility report that include:

- Investors
- Government
- Partners and Suppliers
- Industry Peers
- Academia
- Communities



- Employees
- Media
- Royalty Owners
- Special Interest Groups

Chesapeake engages with its stakeholders based on regulatory requirements, stakeholder interests and needs of both the stakeholder and the company.

Certification Results

Chesapeake Energy Corporation, Marcellus Certified Unit has met the requirements for certification under the EO100™ Standard for Responsible Energy Development (2017) and the EO100™ Technical Supplement for Onshore Natural Gas and Light Oil Production (2022).

The EO100™ Standard encompasses the following Principles:

1. Corporate Governance, Transparency & Ethics
2. Human Rights, Social Impact & Community Development
3. Indigenous People’s Rights
4. Fair Labor & Working Conditions
5. Climate Change, Biodiversity & Environment

Chesapeake Energy Corporation committed to adopting the EO100™ Standard and engaged Equitable Origin-approved independent assessors, Responsible Energy Solutions, LLC, to conduct the re-verification assessment in April 2023. The assessment team conducted verification activities focused primarily on assessing improvements made over the course of the year with a focus on actions undertaken in the continuous improvement action plan. The assessment team also checked several randomly selected Level 1 Performance Targets to ensure no regression in performance and assessed some Level 2 and Level 3 Performance Targets as warranted.

The assessment concluded that the site meets or partially meets all the applicable Level 1 Performance Targets (see Figure 1). CHK has been provided a list of the remaining gaps identified during this re-verification for incorporation into the continuous improvement process initiated following the first year’s certification assessment. Principle 3, Indigenous Peoples’ Rights, was evaluated as not applicable for this assessment.

As part of the EO100™ Standard for Responsible Energy Development certification, CHK has committed to a continuous improvement process and has developed plans to close gaps identified in the assessment. The continuous improvement plan will be evaluated annually for progress by Equitable Origin approved assessors.

Figure 1 shows the results summarized by Principle for each Performance Target level.

Table 1: Summary Results by Principle

Principle	Performance Target Level 1
1: Corporate Governance, Transparency & Ethics	96%
2: Human Rights, Social Impact & Community Development	100%
3: Indigenous Peoples' Rights	N/A
4: Fair Labor & Working Conditions	99%
5: Climate Change, Biodiversity & Environment	96%

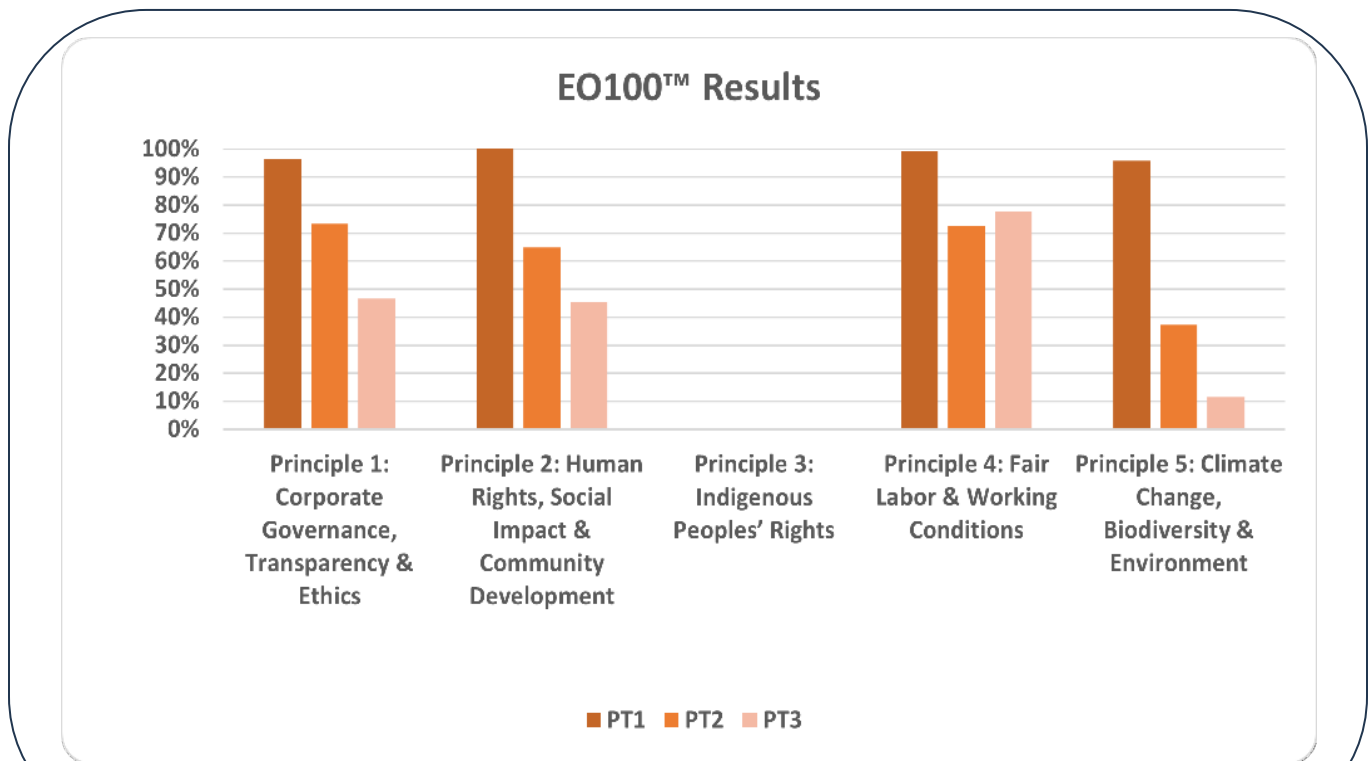
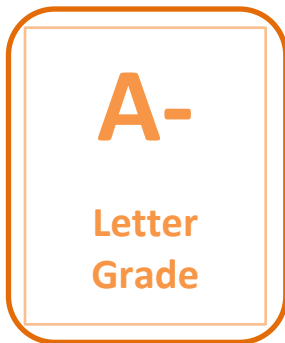


Figure 1: EO100™ Assessment Results

EO100™ Certification Summary

Certificate Issuer:	Equitable Origin, Inc.
Operator:	Chesapeake Energy Corporation
Certified Unit:	<i>Chesapeake Energy Corporation, Marcellus</i>
Location of Certified Unit:	Bradford, Sullivan, Susquehanna, Wyoming, and Lycoming Counties, Pennsylvania, USA
Certification date:	20 June 2023
Expiration date:	20 June 2025
Certification Standard:	EO100™ Standard for Responsible Energy Development (2017) and the EO100™ Technical Supplement: Onshore Natural Gas and Light Oil Production (2022)
Assessment Body:	Responsible Energy Solutions, LLC
Certificate Number:	EO100-20062023-US

The purpose of this report is to document the EO100™ Certification and annual re-verification assessments conducted for CHK’s natural gas operations in the Northeast corner of Pennsylvania – Bradford, Sullivan, Susquehanna, Wyoming, and Lycoming Counties. The assessment scope included *Chesapeake Energy Corporation, Marcellus*, which was treated as one Certifiable Unit, and included wells in various stages: drilling, completions, production, and abandoned as well as salt-water disposal wells and associated infrastructure. Certification assessment activities for *CHK Appalachia* were carried out in February-April 2022. Certification assessment activities for *CHK MA* were carried out in August-October 2022. Re-verification assessment activities for the present single Certifiable Unit, now identified as *Chesapeake Energy Corporation, Marcellus*, were carried out in April 2023. All supporting assessment documents will remain confidential.

Contact Information:

Chesapeake Energy Corporation: <http://www.chk.com/contact>

If organizations or individuals have concerns, complaints, or comments about the operator’s EO100™ Certification, they should first contact the Certified Operator directly: 877-245-1427.

Equitable Origin: contact@equitableorigin.org



For more information on Equitable Origin's Certification System Comments, Complaints and Appeals processes, please visit our website: www.energystandards.org.