

Preliminary Application for Site Certificate for the Muddy Creek Energy Park

Exhibit A. Organizational Expertise

**Submitted to the
Oregon Energy Facility Siting Council**

**Prepared for
Muddy Creek Energy Park, LLC**

Prepared by



1750 S Harbor Way, Suite 400 | Portland, OR 97201

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
Applicant	Muddy Creek Energy Park, LLC
ASC	Application for Site Certificate
EFSC	Oregon Energy Facility Siting Council
EPC	Engineering, Procurement, and Construction
Facility	Muddy Creek Energy Park
Hanwha	Hanwha Renewables
MW	megawatt
NPDES	National Pollutant Discharge Elimination System
OAR	Oregon Administrative Rules
ODEQ	Oregon Department of Environmental Quality

1.0 Introduction

Muddy Creek Energy Park, LLC (Applicant) seeks to develop the Muddy Creek Energy Park (Facility), consisting of a 150-megawatt (MW) solar energy generation facility, a 150-MW battery energy storage system (BESS) project, and related or supporting facilities on approximately 1,590 acres of private land in Linn County, Oregon. This Application for Site Certificate (ASC) demonstrates that the proposed Facility will be designed, constructed, and operated consistent with the relevant Oregon Energy Facility Siting Council (EFSC) siting criteria and standards. In addition to meeting the minimum required EFSC criteria, the Applicant proposes to design, construct, and operate the Facility using agrivoltaics. Agrivoltaics co-locates the Facility with active farm operations to retain agricultural production and minimize agricultural impacts within the Facility Site Boundary.

The information contained herein supports demonstration of compliance with the Organizational Expertise approval standard for Oregon Administrative Rules (OAR) 345-022-0010.

2.0 Applicant Contact Information – OAR 345-022-0010(5)(a)

(5) To assist the Council in determining whether the standard outlined in (1) through (4) has been met, the Applicant must submit:

(a) Information about the applicant and participating persons, including:

2.1 Applicant and Participating Persons – OAR 345-022-0010(5)(a)(A)

(A) The name and address of the applicant including all co-owners of the proposed facility, the name, mailing address, email address and telephone number of the contact person for the application, and if there is a contact person other than the applicant, the name, title, mailing address, email address and telephone number of that person;

Name and Address of Site Applicant

Muddy Creek Energy Park, LLC
400 Spectrum Center Drive, Suite 1400
Irvine, CA 92618

Contact Information

Robert Wilson
Development Manager
Hanwha Renewables
400 Spectrum Center Drive, Suite 1400

Irvine, CA 92618
robert.wilson@hanwharenewables.com
(435) 901-9236

Carrie Andrews
Senior Project Manager
Tetra Tech, Inc.
1750 SW Harbor Way, Suite 400
Portland, OR 97213
carrie.andrews@tetrattech.com
(503) 721-7228

Tim McMahan
Stoel Rives
760 SW Ninth Street, Suite 3000
Portland, OR 97205
tim.mcmahan@stoel.com
[\(503\) 294-9517](tel:5032949517)

2.2 Other Participants – OAR 345-022-0010(5)(a)(B)

(B) The contact name, mailing address, email address and telephone number of all participating persons, other than individuals, including but not limited to any parent corporation of the applicant, persons upon whom the applicant will rely for third-party permits or approvals related to the facility, and, if known, other persons upon whom the applicant will rely in meeting any facility standard adopted by the Council;

The Applicant is a subsidiary of Hanwha Renewables, LLC (Hanwha). The full name and address of Hanwha are provided in Section 2.4.

No other participants are anticipated, with the exception of the engineering, procurement, and construction (EPC) firm selected to build the Facility, who may obtain third-party permits. The Applicant anticipates that these third-party permits may include permits for construction materials, transportation of materials to the site, and other building-related permits that are typically obtained immediately prior to construction activities. The Applicant anticipates that these permits will meet the facility standards adopted by EFSC.

2.3 Corporate Status – OAR 345-022-0010(5)(a)(C)

(C) If the applicant is a corporation:

The Applicant is not a corporation.

2.4 Ownership – OAR 345-022-0010(5)(a)(D)

(D) If the applicant is a wholly owned subsidiary of a company, corporation or other business entity, in addition to the information required by paragraph (C), the full name and business address of each of the applicant's full or partial owners;

The Applicant is a subsidiary of Hanwha. The parent company name and business address are as follows:

Hanwha Renewables, LLC
400 Spectrum Center Drive, Suite 1400
Irvine, CA 92618
(626) 646-3560

2.5 Association/Joint-Venture Information – OAR 345-022-0010(5)(a)(E)

(E) If the applicant is an association of citizens, a joint venture or a partnership:

(i) The full name, official designation, mailing address, email address and telephone number of the person responsible for submitting the application;

(ii) The name, business address and telephone number of each person participating in the association, joint venture or partnership and the percentage interest held by each;

(iii) Proof of registration to do business in Oregon;

(iv) A copy of its articles of association, joint venture agreement or partnership agreement and a list of its members and their cities of residence; and

(v) If there are no articles of association, joint venture agreement or partnership agreement, the applicant must state that fact over the signature of each member;

The Applicant is not an association of citizens, a joint venture, or partnership.

2.6 Public/Government Entity Information – OAR 345-022-0010(5)(a)(F)

(F) If the applicant is a public or governmental entity:

(i) The full name, official designation, mailing address, email address and telephone number of the person responsible for submitting the application; and

(ii) Written authorization from the entity's governing body to submit an application;

The Applicant is not a public or governmental entity.

2.7 Individual Applicant – OAR 345-022-0010(5)(a)(G)

(G) If the applicant is an individual, the individual's mailing address, email address and telephone number; and

The Applicant is not an individual.

2.8 Limited Liability Company Information – OAR 345-022-0010(5)(a)(H)

(H) If the applicant is a limited liability company:

(i) The full name, official designation, mailing address, email address and telephone number of the officer responsible for submitting the application;

(ii) The date and place of its formation;

(iii) A copy of its articles of organization and its authorization for submitting the application; and

(iv) In the case of a limited liability company not registered in Oregon, the name and address of the resident attorney-in-fact in this state and proof of registration to do business in Oregon.

The Applicant is a limited liability company. The Applicant contact submitting this Exhibit A is:

Robert Wilson, Development Manager

Muddy Creek Energy Park LLC

400 Spectrum Center Drive, Suite 1400

Irvine, CA 92618

(435) 901-9236

robert.wilson@hanwharenewables.com

The officer for Muddy Creek Energy Park, LLC is:

Joo Yoon, Sole Member and Manager

Muddy Creek Energy Park LLC

400 Spectrum Center Drive, Suite 1400

Irvine, CA 92618

“Muddy Creek Energy Park, LLC” was formed with the Secretary of State of the State of Delaware on June 23, 2022, and was acknowledged and registered to do business in Oregon by the Oregon Secretary of State on July 19, 2022, in Salem, Oregon. The articles of organization and registration to do business in Oregon are provided in Attachment A-1.

Muddy Creek Energy Park, LLC is registered in Oregon; therefore, information for the resident attorney-in-fact is not required.

3.0 Organizational Expertise – OAR 345-022-0010(5)(b)

(b) Information about the organizational expertise of the applicant to construct and operate the proposed facility, including:

The Applicant is a fully owned subsidiary of Hanwha Energy USA. Hanwha has a portfolio of nearly 10 gigawatts of photovoltaic solar and over 7 gigawatts of battery energy storage projects across 22 states. The Applicant has been developing in Oregon since 2018, and has 200 MW in operation and another 300 MW in development, including the Facility. The Applicant is backed by Hanwha Group and supported by Qcells. Qcells domestically manufactures industry-leading solar modules and provides EPC (Engineering, Procurement, and Construction) execution, giving Hanwha Renewables (Hanwha) a vertically integrated supply chain. As of July 1, 2025, Qcells' utility-scale development business officially transitioned into Hanwha Renewables, a dedicated platform focused on originating, developing, and large-scale solar and storage projects across the United States.

3.1 Applicant's Previous Experience – OAR 345-022-0010(5)(b)(A)

(A) The applicant's previous experience, if any, in constructing and operating similar facilities;

The Applicant has experience working in various permitting regimes across the United States, and has recently worked with experienced solar power EPC contractors for Skysol Solar in Oregon (2023), BHS Solar in Colorado (2025) and South Cheyenne Solar in Wyoming (2025), among many other completed projects. For BHS Solar in particular, the Applicant utilized their affiliate company QCells as EPC contractor. QCells and other EPC contractors contracted by the Applicant have extensive experience constructing renewable energy facilities, including obtaining building permits and grading permits in relevant jurisdictions. The Applicant would hire QCells or a contractor of similar caliber and experience for the proposed Project. The Applicant has relied on the input of external consultants with decades of relevant experience developing successful energy facilities in the Pacific Northwest.

3.2 Qualifications of Applicant's Personnel – OAR 345-022-0010(5)(b)(B)

(B) The qualifications of the applicant's personnel who will be responsible for constructing and operating the facility, to the extent that the identities of such personnel are known when the application is submitted;

Vitaly Lee, Executive Vice President & Chief Development Officer

Vitaly has been in the energy industry for over 25 years with a background primarily focused on business & project development, regulatory and asset management. Prior to joining Hanwha, Vitaly was Executive Vice President of Development at BayWa, where he oversaw their project development and execution of solar and energy storage in North America. Previously, he had been responsible for Terra-Gen's geothermal and thermal solar portfolios in California and Nevada. In his current role, Mr. Lee is responsible for the rapidly growing development platform of Hanwha. Vitaly

holds an MBA from the Marshall School of Business at USC and an MPA from the Biden School of Public Policy at the University of Delaware.

Patrick Brown, Vice President of Project Development

Patrick oversees project development at Hanwha from greenfield to commercial operation. At Hanwha, Patrick led the development our portfolio of PV projects as well as six battery storage projects including Cunningham, a 190 MW BESS project. He is currently overseeing the development pipeline of approximately 2 GW in ERCOT including the Lavender Storage Project, LLC and the Taormina Storage Project, LLC. Prior to joining Hanwha, Patrick spent six years with BayWa managing the development of BayWa's 3GW+ North American solar and storage pipeline and overseeing the full development cycle from land acquisition to financing. Patrick also spent three years at Soitec Solar where he was responsible for the land use entitlements for 830 MW of Soitec's CPV project pipeline located within the San Diego and San Bernardino Counties. Before joining the private sector, Patrick spent seven years with the County of San Diego as a project manager, land use and environmental planner on numerous renewable energy projects located within the San Diego County including Tule Wind Farm, ESJ Transmission Line, East County Substation (SDG&E), Eurus Energy PV Solar Plant, NRG PV Solar Plant, EnXco PV Solar Plant, and many others. Patrick holds a BA in Urban Studies and Planning from UC San Diego and an MA in City Planning from San Diego State University.

Robert Wilson, Senior Development Manager

Robert Wilson is the Senior Development Manager for the PNW and Intermountain West regions for Hanwha. His responsibilities include coordination with project teams to ensure land, interconnection, and permitting goals are accomplished and milestones are met. Robert joined Hanwha in 2021 and successfully sited 2GW of projects in the Western Electricity Coordinating Council (WECC), Pennsylvania-New Jersey-Maryland Interconnection (PJM), and Midcontinent Independent System Operator (MISO) regions. In 2025, Hanwha was able to divest two of Robert's original greenfield projects after they were fully permitted, had offtake secured, and ready for construction. Robert obtained a Master of Science from University of Colorado – Denver in Global Energy Management in 2018.

Stephanie Lauer, Senior Director of Permitting

Stephanie's responsibilities include the oversight and management of all environmental studies and local, state, and federal permits and authorizations for Hanwha Renewables portfolio of nearly 7 GW of PV solar and battery energy storage projects. She has over 25 years of experience in environmental compliance and permitting of energy, transmission, mining, and recreation projects across the U.S. Stephanie has been with the Hanwha Energy organization since 1999. Since then, she has obtained discretionary permits for nearly 6 GW of PV projects in the Hanway Energy portfolio. Prior to joining the Hanwha organization, she spent nearly 20 years as a consultant for environmental compliance and permitting projects.

3.3 Qualifications of Known Contractors – OAR 345-022-0010(5)(b)(C)

(C) The qualifications of any architect, engineer, major component vendor, or prime contractor upon whom the applicant will rely in constructing and operating the facility, to the extent that the identities of such persons are known when the application is submitted;

At this point in time, the Applicant has not selected a specific contractor to construct the Facility. However, based on Qcells' experience and the parent company's portfolio, the Applicant will select qualified contractors, engineers, and manufacturers with experience in the solar industry.

Qcells delivers turnkey solar and energy storage solutions across the United States, and has invested \$2.5 billion investment in American manufacturing at their solar module manufacturing facility in Georgia. QCells has deep industry expertise with the financial stability and global resources backed by Hanwha, a \$180 billion enterprise, ensuring that every project is built on a foundation of bankability and long-term vision. QCells has an industry-leading safety culture that protects workers and project partners.

3.4 Applicant's Past Performance – OAR 345-022-0010(5)(b)(D)

(D) The past performance of the applicant, including but not limited to the number and severity of any regulatory citations in constructing or operating a facility, type of equipment, or process similar to the proposed facility;

Hanwha Renewables and Qcells combined have developed 14 GW of operating or completed projects, with 20 GW contracted or in development solar and solar plus storage projects. Please see the list below for examples of such solar and storage development facilities:

US Facilities In Operation/Sold

- South Cheyenne Solar Project, 150 MW, Wyoming, COD 2024
- Black Hollow Sun I Solar, 185 MW Colorado, COD 2025
- Cunningham BESS Storage Project, 190 MW, Texas, COD 2023
- Winfield Solar, 150 MW, Missouri, COD 2025
- Skysol Solar, 61 MW, Oregon, COD 2023

US Facilities Under Construction

- Atlas Solar + Storage, 450 MW, Arizona, COD 2026
- Appaloosa Solar Project, 142 MW, Washington, COD Q4 2026
- Dandelion Energy Park (Solar + Storage), 241 MW, Arizona, COD 2028

There have been no recorded citations received by the Applicant for the above-mentioned projects; and no North American Energy Reliability Corporation violations have been received by the Applicant.

3.5 Warrant to Secure Necessary Expertise – OAR 345-022-0010(5)(b)(E)

(E) If the applicant has no previous experience in constructing or operating similar facilities and has not identified a prime contractor for construction or operation of the proposed facility, other evidence that the applicant can successfully construct and operate the proposed facility. The applicant may include, as evidence, a warranty that it will, through contracts, secure the necessary expertise;

This criterion is not applicable to the Facility.

3.6 ISO Certified Program – OAR 345-022-0010(5)(b)(F)

(F) If the applicant has an ISO 9000 or ISO 14000 certified program and proposes to design, construct and operate the facility according to that program, a description of the program; and

Not Applicable.

3.7 Mitigation – OAR 345-022-0010(5)(b)(G)

(G) If the applicant relies on mitigation to demonstrate compliance with any standards of Division 22 or 24 of this chapter, evidence that the applicant can successfully complete such proposed mitigation, including past experience with other projects and the qualifications and experience of personnel upon whom the applicant will rely, to the extent that the identities of such persons are known at the date of submittal.

To the extent that mitigation may be required for any permit conditions, mitigation programs are discussed in the specific exhibit to which the permits pertain. The Applicant will comply with mitigation requirements imposed by the Council and other jurisdictions responsible for granting permits or authorizations for the Facility.

Qcells' Dandelion Solar and Storage project was designed to avoid crucial mule deer migration corridors, and allow for migration pathways through the site. Their Mariposa Solar Project in Maricopa County, AZ avoided existing grazing facilities and left existing overland ROW's unobstructed to mitigate our impacts to the Grazing Allottee and off-road recreationist.

4.0 Permits – OAR 345-022-0010(5)(c)

4.1 Identification and Description of Required Permits – OAR 345-022-0010(5)(c)(A)(B)

(c) Information about permits needed for construction and operation of the facility, including:

(A) Identification of all federal, state and local government permits related to the siting of the proposed facility, a legal citation of the statute, rule or ordinance governing each permit, and the name, mailing address, email address and telephone number of the agency or office responsible for each permit;

(B) A description of each permit, the reasons the permit is needed for construction or operation of the facility and the applicant's analysis of whether the permit should or should not be included in and governed by the site certificate;

This section provides information about permits that the Applicant will need for construction and operation of the Facility to meet the submittal requirements of OAR 345-022-0010(5)(c). While OAR 345 Division 22 does not provide an approval standard specific to permits identified in Table A-1, (OAR 345-022-0010(c)) are identified in each applicable exhibit included in Attachment A-2. Table A-1 identifies and describes the permits potentially required for construction and operation of the Facility.

Table A-1. Permits List

Permit	Agency Name and Contact	Authority	Description
Federal Permits			
Clean Water Act, Section 404	U.S. Army Corps of Engineers, Portland District Attn: Alexandra Holecek Linn County Project Manager 211 E. 7th Ave, Suite 106 Eugene, OR 97401 (541) 297-9938 alexandra.holecek@usace.army.mil	Clean Water Act, Section 404 (33 USC § 1344); 33 CFR §§ 320, 323, 325-28, and 330	A Section 404 permit will be required if dredge or fill occurs in waters of the United States. This federal process is not within the jurisdiction of EFSC and therefore should not be included in the site certificate. The Facility is anticipated to impact jurisdictional waters and/or wetlands of the United States.
Notice of Proposed Construction or Alteration (Form 7460.1)	Federal Aviation Administration (FAA) Attn: Dan Shoemaker, Airspace Specialist Seattle Obstruction Evaluation Group 1601 Lind Ave SW Renton, WA 98057 (425) 227-2791 Dan.shoemaker@faa.gov	Federal Aviation Act of 1958 (14 USC § 44718); 14 CFR § 77	Proposed construction or alterations that may affect navigable airspace pertaining to potential glare from the Facility's solar arrays, or for construction of structures within specified distances of runways or helipads, may be required to file this notice. No permit is issued by the FAA. This federal process is not within the jurisdiction of EFSC and therefore should not be included in the site certificate.
Supplemental Notice of Actual Construction or Alteration (Form 7460-2)	FAA Attn: Dan Shoemaker, Airspace Specialist Seattle Obstruction Evaluation Group 1601 Lind Ave SW Renton, WA 98057 (425) 227-2791 Dan.shoemaker@faa.gov	Federal Aviation Act of 1958 (14 USC § 44718); 14 CFR § 77	If a Notice of Proposed Construction or Alteration with the FAA is required, then submission of the Supplemental Notice of Actual Construction or Alteration form must be filed within 5 days after construction reaches its greatest height as specified in the No Hazard Determination. This federal process is not within the jurisdiction of EFSC and therefore should not be included in the site certificate.
Incidental Take Permit or Eagle Take Permit	U.S. Fish and Wildlife Service (USFWS) Attn: Kate Watts, Raptor Biologist / Regional Eagle Coordinator 911 NE 11 th Ave Portland, OR 97232 (503) 231-2291 kate_watts@fws.gov	Section 7, 9, and 10 Consultation under the Endangered Species Act; Bald and Golden Eagle Protection Act	The Facility is not anticipated to impact federally listed species or protected eagles. If new information indicates that impacts to federally listed species or protected eagles may occur, the Applicant will evaluate whether an Incidental Take Permit or Eagle Take Permit may be needed. This federal process is not within the jurisdiction of EFSC and therefore should not be included in the site certificate.
State Permits Not Federal Delegated			
Energy Facility Site Certificate	Oregon Department of Energy and Energy Facility Siting Council Attn: Todd Cornett, Division Administrator 550 Capitol Street NE Salem, OR 97301 (503) 378-8328 todd.cornett@oregon.gov	ORS 469.300 et seq.; Oregon Administrative Rules (OAR) Chapter 345, Divisions 1, 21-24	This site certificate is the subject of this preliminary ASC.

Permit	Agency Name and Contact	Authority	Description
Removal/Fill Permit	Oregon Department of State Lands, Western Region Attn: Carrie Landrum, Aquatic Resource Coordinator 775 Summer St. NE, Suite 100 Salem, OR 97301-1279 (503) 881-7135 carrie.landrum@dsl.oregon.gov	ORS 196; OAR Chapter 141, Division 85	A removal-fill permit is required if 50 cubic yards or more of material is removed, filled, or altered within a jurisdictional water of the State. The Facility anticipates to impact jurisdictional waters and/or wetlands of the state. A Removal-Fill Permit will be included in and governed by the EFSC Site Certificate under ORS 469.401(3).
General Water Pollution Control Facilities Permit, WPCF-1700-B	Oregon Department of Environmental Quality (ODEQ), Western Region Attn: Jeff Navarro Water Quality Program Analyst 4026 Fairview Industrial Drive SE Salem, OR 97302 503-229-5257 navarro.jeffrey@deq.state.or.us	ORS 468B; OAR Chapter 340, Division 45	If solar panel washing is determined to be needed, the Applicant or a third-party contractor who will conduct the solar panel washing activities may seek coverage under the WPCF-1700-B permit from ODEQ following completion of construction and before initiating any washing activities. Therefore, this permit should not be included in and governed by the site certificate.
General Water Pollution Control Facilities Permit, WPCF-1000, Gravel Mining and Batch Plant	ODEQ, Western Region Attn: Jeff Navarro Water Quality Program Analyst 4026 Fairview Industrial Drive SE Salem, OR 97302 503-229-5257 navarro.jeffrey@deq.state.or.us	OAR Chapter 340, Division 45	A WPCF-1000 authorizes the permittee to operate a wastewater collection, treatment, control, and disposal system for sand, gravel, and other nonmetallic mineral quarrying and mining operations, including asphalt-mix batch plants, concrete batch plants, and other related activities. If a temporary batch plant is needed for Facility construction, the Applicant's third-party contractor will obtain a WPCF-1000 permit from the Oregon Department of Environmental Quality, which would therefore not be included in and governed by the site certificate.
Oversize Load Movement Permit/Load Registration	Oregon Department of Transportation (ODOT) Attn: Sonny Chickering, Region 2 Manager Region 2 Headquarters 455 Airport Road SE Salem, OR 97301 503-986-2631 Sonny.P.CHICKERING@odot.oregon.gov	ORS 818.030; OAR Chapter 734, Division 82	Authorization for oversized loads. Movement of construction cranes and other equipment and materials may require this permit. If needed, the Applicant's third-party contractor will obtain this permit and load registration from ODOT and therefore this permit should not be included in and governed by the site certificate.
Access Management Permit	ODOT Attn: Sonny Chickering, Region 2 Manager Region 2 Headquarters 455 Airport Road SE Salem, OR 97301 503-986-2631 Sonny.P.CHICKERING@odot.oregon.gov	OAR Chapter 734, Division 51	Access from Oregon state highways will require an access permit, which may be issued by the local ODOT District Offices. If needed, the Applicant's third-party contractor will obtain this permit directly from ODOT and therefore this permit should not be included in and governed by the site certificate.

Permit	Agency Name and Contact	Authority	Description
Permit to Occupy or Perform Operations Upon a State Highway	<p>ODOT</p> <p>Attn: Sonny Chickering, Region 2 Manager Region 2 Headquarters 455 Airport Road SE Salem, OR 97301 503-986-2631 Sonny.P.CHICKERING@odot.oregon.gov</p>	OAR Chapter 734, Division 55	Utility installations within the right-of-way of a state highway in Oregon require a permit issued by the ODOT. If needed, the Applicant's third-party contractor will obtain this permit directly from ODOT and therefore this permit should not be included in and governed by the site certificate.
Water Right Permit or Water Use Authorization	<p>Oregon Water Resources Department, NW Region, District 2</p> <p>Attn: Lanaya Blakely, Watermaster 125 East 8th Avenue Eugene, OR 97401 (541) 682-3620 Lanaya.F.BLAKELY@water.oregon.gov</p>	ORS 537; OAR 690 Divisions 310, 340, and 410	If water for construction is not available from permitted sources, the Applicant's third-party contractor will obtain the necessary water right permit or use authorization directly from the Oregon Water Resources Department. It is outside the jurisdiction of EFSC and should not be included in and governed by the site certificate.
Archaeological Excavation Permit	<p>Oregon Parks and Recreation Department, State Historic Preservation Office</p> <p>Attn: Case Number 23-0983, Koren Tippett, Archaeology Inventory & Survey Coordinator 725 Summer Street NE, Suite C Salem, OR 97301 (971) 304-4737 arch.permits@opr.oregon.gov</p>	ORS Chapter 97, 358, and 390; OAR Chapter 736, Division 51	Ground-disturbing activity that may affect a known or unknown archaeological resource on public or private lands requires a permit issued by the Oregon Parks and Recreation Department. If needed, the Applicant will obtain it from the State Historic Preservation Office and therefore this permit should not be included in and governed by the site certificate.
State Permits Federally Delegated			
National Pollutant Discharge Elimination System (NPDES) Stormwater Discharge Permit 1200-C	<p>ODEQ, Western Region</p> <p>Attn: Greg Svelund DEQ Regional Solutions Center Liaison Oregon Department of Environmental Quality 541-647-4194 svelund.greg@deq.state.or.us</p>	Clean Water Act, Section 402 (33 USC § 1342); 40 CFR § 122; ORS 468 and 468B; OAR Chapter 340, Division 45	The NPDES permit is required for construction activities that will disturb one or more acres of land. The Applicant will obtain this permit directly from ODEQ as it is outside the jurisdiction of EFSC and should not be included in or governed by the site certificate.
401 Water Quality Certification	<p>ODEQ, Western Region</p> <p>Attn: Amber Clark Water Quality Program Analyst 4026 Fairview Industrial Drive SE Salem, OR 97302 503-229-5051 amber.clark@deq.oregon.gov</p>	Clean Water Act, Section 401 (33 USC § 1341); OAR Chapter 340, Division 48	Water quality certification is required for projects that are processed under the U.S. Army Corps of Engineers Section 404 Nationwide Permits. The Applicant will obtain this permit, if needed, directly from ODEQ as it is outside the jurisdiction of EFSC and should not be included in or governed by the site certificate.
Local Permits			

Permit	Agency Name and Contact	Authority	Description
Conditional Use Permit (CUP) and Comprehensive Plan Amendment for a Goal 3 Exception	Linn County Planning & Building Department c/o Alyssa Boles, Planning Manager 300 SW 4th Street, Room 114 Albany, OR 97321 (541) 967-3816, ext. 2360 aboles@co.linn.or.us	ORS Chapter 469.504(1)(b) Linn County Land Development Code Article 928.320(18) and 921.874.	Linn County Land Development Code requires a CUP and Comprehensive Plan Amendment for a Goal 3 Exception to Oregon’s Statewide Planning Goals on farmlands. The CUP and Goal 3 Exception is required for commercial utility facilities located on more than 12 acres of high-value farmland. In permitting through EFSC, local standards and review, including the Goal 3 exception request, are incorporated into the ASC. The Applicant elects to obtain an EFSC determination under ORS Chapter 469.504(1)(b). Under ORS 469.401(3), following issuance of the site certificate, the County, upon the applicant’s submission or the proper application and fee, shall issue the permits addressed in the site certificate, subject only to the conditions set forth in the site certificate and without hearings or other proceedings. Because the Council will make the land use determination, this permit should be included in and governed by the site certificate.
Commercial Building Permit	Linn County Building Division Attn: Rick Goff Building Official Linn County Planning & Building 300 SW 4th Avenue, Room 114 PO Box 100 Albany, OR 97321 (541) 967-3816 planoffice@co.linn.or.us mailto:	OAR Chapter 918, Divisions 309, 780; Linn County Code Title 8 – Building Code	A building permit is required for review and approval from the Linn County Building Division prior to construction of new structures. If needed, the Applicant’s third-party contractor will obtain these administrative permits from the County and therefore these permits should not be included in and governed by the site certificate.
Commercial Electrical Permit	Linn County Building Division Attn: Rick Goff Building Official Linn County Planning & Building 300 SW 4th Avenue, Room 114 PO Box 100 Albany, OR 97321 (541) 967-3816 planoffice@co.linn.or.us mailto:	OAR Chapter 918, Division 309; Linn County Code Title 8 – Building Code	An electrical permit is required for review and approval from the Linn County Building Division prior to installation of on-site electrical components. If needed, the Applicant’s third-party contractor will obtain these administrative permits from the County and therefore these permits should not be included in and governed by the site certificate.
Floodplain Development Permit	Linn County Planning & Building Department c/o Alyssa Boles, Planning Manager 300 SW 4th Street, Room 114 Albany, OR 97321 (541) 967-3816, ext. 2360 aboles@co.linn.or.us	Linn County Code Title 8 – Building Code, Chapter 870	A floodplain development permit is required for review and approval from the Linn County Planning and Building Department prior to construction of new structures. If needed, the Applicant’s third-party contractor will obtain these administrative permits from the County and therefore these permits should not be included in and governed by the site certificate.

Permit	Agency Name and Contact	Authority	Description
Grading Permit	Linn County Building Division Attn: Rick Goff Building Official Linn County Planning & Building 300 SW 4th Avenue, Room 114 PO Box 100 Albany, OR 97321 (541) 967-3816 planoffice@co.linn.or.us	Linn County Code Title 8 – Building Code, Chapter 850	A grading permit is required for review and approval from the Linn County Building Division before commencing land disturbing activities. If needed, the Applicant’s third-party contractor will obtain these administrative permits from the County and therefore these permits should not be included in and governed by the site certificate.
Stormwater and Erosion Control Permit	Linn County Road Department Attn: Wayne Mink, Public Works Director Linn County Road Department 3010 Ferry Street SW Albany, OR 97322 (541) 967-3919 roads@co.linn.or.us	Linn County Code Title 8 – Building Code, Chapter 860	The County requires an Erosion and Sediment Control Permit before commencing land disturbing activities affecting an area of 1/4 acre (10,280 square feet) or greater, cumulatively. The permit shall be obtained through the Linn County Road Department and may be in conjunction with an Encroachment Permit. If needed, the Applicant’s third-party contractor will obtain these administrative permits from the County and therefore these permits should not be included in and governed by the site certificate.
Utility Placement in Right-of Ways and Access Approach Site Permit	Linn County Road Department Attn: Wayne Mink, Public Works Director Linn County Road Department 3010 Ferry Street SW Albany, OR 97322 (541) 967-3919 roads@co.linn.or.us	ORS 374.305 to 374.325; Linn County Code Title 6, Chapter 690 Right-of-Way Regulation Code	A Utility Crossing permit is required any time a utility is constructed within or across a County road right-of-way. An Approach Site Permit will be required for each location where Facility access roads intersect with county roads, or if necessary, upgrades to existing access roads affect a county road. If needed, the Applicant’s third-party contractor will obtain this administrative permit from the County and therefore these permits should not be included in and governed by the site certificate.
Commercial Access Permits	Linn County Roads Department Attn: Wayne Mink, Public Works Director Linn County Road Department 3010 Ferry Street SW Albany, OR 97322 (541) 967-3919 roads@co.linn.or.us	ORS 758.010; Linn County Code Title 6, Chapter 690 Right-of-Way Regulation Code	A construction permit is required to make improvements to access roads that intersect with county road rights-of-way or to make improvements to existing public roads. If needed, the Applicant’s third-party contractor will obtain this administrative permit from the County and therefore these permits should not be included in and governed by the site certificate.

4.2 Permit Applications Not Federally Delegated – OAR 345-022-0010(c)(C)

(C) For any state or local government agency permits, licenses or certificates that are proposed to be included in and governed by the site certificate, evidence to support findings by the Council that construction and operation of the proposed facility will comply with the statutes, rules and standards applicable to the permit. For permits related to wetlands and water rights the applicant may show this evidence in the State and Local Laws and Regulations Exhibit.

Water for construction will be obtained from a Harrisburg Public Works permitted source under an existing municipal water right. If needed, water for operations will be provided by a municipal water source and/or by the existing well (see Exhibit O-2).

4.3 Permit Applications Federally Delegated – OAR 345-022-0010(c)(D)

(D) For federally-delegated permit applications, evidence that the responsible agency has received a permit application and the estimated date when the responsible agency will complete its review and issue a permit decision;

Clean Water Act Section 404 federal permit will be required for impacts to Waters of the United States. The Facility is anticipated to impact Waters of the United States. The U.S. Army Corps of Engineers cannot issue a 404 permit without a Clean Water Act Section 401 water quality certification from the Oregon Department of Environmental Quality (ODEQ). The Joint Permit Application will be used to apply for this federal permit and the 401 water quality certification.

The EPA has delegated authority to the ODEQ to issue National Pollutant Discharge Elimination System (NPDES) stormwater discharge permits for construction and operations activities and Clean Water Act Section 401 water quality certifications. The Applicant will obtain an NPDES permit and 401 water quality certification based on final design directly from the ODEQ, as it is outside the jurisdiction of the Council. Please see Exhibit O1 for further details. Table A-2 provides a summary of application dates and permit status for federally delegated permits.

Table A-2. Federally Delegated Permit Application Status

Permit Name	Application Submitted	When will permit be issued
NPDES 1200-C	Preliminary permit application submitted on	Permit may be issued two to three weeks following issuance of the site certificate
Clean Water Act Section 401 Water Quality Certification	Triggered by Section 404 permit	Prior to ground disturbing activities

4.4 Third Party State or Local Permits – OAR 345-022-0010(c)(E)

(E) If the applicant relies on a state or local government permit or approval issued to a third party, identification of any such third-party permit and for each:

(i) Evidence that the applicant has, or has a reasonable likelihood of entering into, a contract or other agreement with the third party for access to the resource or service to be secured by that permit;

(ii) Evidence that the third party has, or has a reasonable likelihood of obtaining, the necessary permit;

(iii) An assessment of the impact of the proposed facility on any permits that a third party has obtained and on which the applicant relies to comply with any applicable Council standard;

As outlined above, the Applicant or its contractors will obtain the permits as needed for construction and operation. The third-party permits listed in Table X are routine and common permits in Oregon and are not dependent on a unique resource or location. During construction and operation, the Applicant will select similarly qualified contractors with experience constructing renewable energy facilities and a reasonable likelihood of securing the required permits.

Table A-3. Potential Third-Party State or Local Permits

Permit Name	Facility Phase	Description
ODEQ General WPCF Permit, WPCF-1000, Gravel Mining and Batch Plant	Construction	If a temporary batch plant is required for Facility construction, a WPCF-1000 permit will be obtained to manage wastewater and stormwater from temporary concrete batch plants.
Oregon Water Resources Department, Water Right Permit, or Water Use Authorization	Construction and Operation	A limited water use license will be obtained for water derived from an existing or newly constructed on-site well or wells
ODOT Oversized Load Movement Permit/Load Registration	Construction	An oversize load movement permit/load registration will be required for transporting large or overweight equipment to the site over state roads.
ODOT Permit to Occupy or Perform Operations Upon a State Highway	Construction	A permit to occupy or perform operations will be required for utility installations within the right-of-way of a state highway.
DOGAMI Operating Permit for material extractions	Construction	For material extractions that exceed 1 acre of disturbance or 5,000 cubic yards of excavation over a period of a year. As no onsite gravel quarry will be used no Operating Permit will be required
Linn County Commercial Access Permit.	Construction	
Linn County Right-of-Way Encroachment Permit	Construction	If Facility access roads intersect with public roads or if necessary, upgrades to existing access roads affect a public road

4.5 Third Party Federal Permits – OAR 345-022-0010(c)(F)

(F) If the applicant relies on a federally-delegated permit issued to a third party, identification of any such third-party permit and for each:

(i) Evidence that the applicant has, or has a reasonable likelihood of entering into, a contract or other agreement with the third party for access to the resource or service to be secured by that permit;

(ii) Evidence that the responsible agency has received a permit application;

(iii) The estimated the date when the responsible agency will complete its review and issue a permit decision; and

The EPA has delegated authority to the ODEQ to issue NPDES stormwater discharge permits for construction and operations activities. The Applicant will obtain an NPDES permit prior to construction, if one is required.

The NPDES permit would authorize the discharge of construction stormwater from construction activities that disturb more than 1 acre of land and has the potential to cause stormwater runoff to enter surface waters or conveyance systems leading to surface waters of the state. If the NPDES permit is required, the Applicant will obtain a NPDES permit based on final design directly from the ODEQ as it is outside the jurisdiction of EFSC.

4.6 Monitoring – OAR 345-022-0010(c)(G)

(G) The applicant's proposed monitoring program, if any, for compliance with permit conditions.

To the extent that monitoring may be required for any permit conditions, monitoring programs are discussed in the specific exhibit to which the permits pertain. For example, monitoring for compliance with removal-fill permit conditions is discussed in Exhibit O-1.

5.0 Approval Standards and Submittal Requirements

Table A-4. Approval Standards and Submittal Requirements Matrix

Requirement	Location
OAR 345-022-0010 Organizational Expertise	-
Approval Standards	
(1) To issue a site certificate, the Council must find that the applicant has the organizational expertise to construct, operate and retire the proposed facility in compliance with Council standards and conditions of the site certificate. To conclude that the applicant has this expertise, the Council must find that the applicant has demonstrated the ability to design, construct and operate the proposed facility in compliance with site certificate conditions and in a manner that protects public health and safety and has demonstrated the ability to restore the site to a useful, non- hazardous condition. The Council may consider the applicant’s experience, the applicant’s access to technical expertise and the applicant’s past performance in constructing, operating and	

**Preliminary Application for Site Certificate
Exhibit A. Organizational Expertise**

Requirement	Location
retiring other facilities, including, but not limited to, the number and severity of regulatory citations issued to the applicant.	
(2) The Council may base its findings under section (1) on a rebuttable presumption that an applicant has organizational, managerial and technical expertise, if the applicant has an ISO 9000 or ISO 14000 certified program and proposes to design, construct and operate the facility according to that program.	
(3) If the applicant does not itself obtain a state or local government permit or approval for which the Council would ordinarily determine compliance but instead relies on a permit or approval issued to a third party, the Council, to issue a site certificate, must find that the third party has, or has a reasonable likelihood of obtaining, the necessary permit or approval, and that the applicant has, or has a reasonable likelihood of entering into, a contractual or other arrangement with the third party for access to the resource or service secured by that permit or approval.	
(4) If the applicant relies on a permit or approval issued to a third party and the third party does not have the necessary permit or approval at the time the Council issues the site certificate, the Council may issue the site certificate subject to the condition that the Applicant shall not commence construction or operation as appropriate until the third party has obtained the necessary permit or approval and the applicant has a contract or other arrangement for access to the resource or service secured by that permit or approval.	
Submittal Requirements	
(5) To assist the Council in determining whether the standard outlined in (1) through (4) has been met, the Applicant must submit:	-
(a) Information about the applicant and participating persons, including:	Section 2.0
(A) The name and address of the applicant including all co-owners of the proposed facility, the name, mailing address, email address and telephone number of the contact person for the application, and if there is a contact person other than the applicant, the name, title, mailing address, email address and telephone number of that person;	Section 2.1
(B) The contact name, mailing address, email address and telephone number of all participating persons, other than individuals, including but not limited to any parent corporation of the applicant, persons upon whom the applicant will rely for third-party permits or approvals related to the facility, and, if known, other persons upon whom the applicant will rely in meeting any facility standard adopted by the Council;	Section 2.2
(C) If the applicant is a corporation:	Section 2.3
(i) The full name, official designation, mailing address, email address and telephone number of the officer responsible for submitting the application;	Section 2.3
(ii) The date and place of its incorporation;	Section 2.3
(iii) A copy of its articles of incorporation and its authorization for submitting the application; and	Section 2.3
(iv) In the case of a corporation not incorporated in Oregon, the name and address of the resident attorney-in-fact in this state and proof of registration to do business in Oregon;	Section 2.3
(D) If the applicant is a wholly owned subsidiary of a company, corporation or other business entity, in addition to the information required by paragraph (C), the full name and business address of each of the applicant's full or partial owners;	Section 2.4

**Preliminary Application for Site Certificate
Exhibit A. Organizational Expertise**

Requirement	Location
(E) If the applicant is an association of citizens, a joint venture or a partnership:	Section 2.5
(i) The full name, official designation, mailing address, email address and telephone number of the person responsible for submitting the application;	Section 2.5
(ii) The name, business address and telephone number of each person participating in the association, joint venture or partnership and the percentage interest held by each;	Section 2.5
(iii) Proof of registration to do business in Oregon;	Section 2.5
(iv) A copy of its articles of association, joint venture agreement or partnership agreement and a list of its members and their cities of residence; and	Section 2.5
(v) If there are no articles of association, joint venture agreement or partnership agreement, the applicant must state that fact over the signature of each member;	Section 2.5
(F) If the applicant is a public or governmental entity:	Section 2.6
(i) The full name, official designation, mailing address, email address and telephone number of the person responsible for submitting the application; and	Section 2.6
(ii) Written authorization from the entity's governing body to submit an application;	Section 2.6
(G) If the applicant is an individual, the individual's mailing address, email address and telephone number; and	Section 2.7
(H) If the applicant is a limited liability company:	Section 2.8
(i) The full name, official designation, mailing address, email address and telephone number of the officer responsible for submitting the application;	Section 2.8
(ii) The date and place of its formation;	Section 2.8
(iii) A copy of its articles of organization and its authorization for submitting the application; and	Section 2.8, Attachment A-1
(iv) In the case of a limited liability company not registered in Oregon, the name and address of the resident attorney-in-fact in this state and proof of registration to do business in Oregon.	Section 2.8
(b) Information about the organizational expertise of the applicant to construct and operate the proposed facility, including:	Section 3.0
(A) The applicant's previous experience, if any, in constructing and operating similar facilities;	Section 3.1
(B) The qualifications of the applicant's personnel who will be responsible for constructing and operating the facility, to the extent that the identities of such personnel are known when the application is submitted;	Section 3.2
(C) The qualifications of any architect, engineer, major component vendor, or prime contractor upon whom the applicant will rely in constructing and operating the facility, to the extent that the identities of such persons are known when the application is submitted;	Section 3.3
(D) The past performance of the applicant, including but not limited to the number and severity of any regulatory citations in constructing or operating a facility, type of equipment, or process similar to the proposed facility;	Section 3.4
(E) If the applicant has no previous experience in constructing or operating similar facilities and has not identified a prime contractor for construction or operation of the proposed facility, other evidence that the applicant can successfully construct and operate the proposed facility. The applicant may include, as evidence, a warranty that it will, through contracts, secure the necessary expertise;	Section 3.5

**Preliminary Application for Site Certificate
Exhibit A. Organizational Expertise**

Requirement	Location
(F) If the applicant has an ISO 9000 or ISO 14000 certified program and proposes to design, construct and operate the facility according to that program, a description of the program; and	Section 3.6
(G) If the applicant relies on mitigation to demonstrate compliance with any standards of Division 22 or 24 of this chapter, evidence that the applicant can successfully complete such proposed mitigation, including past experience with other projects and the qualifications and experience of personnel upon whom the applicant will rely, to the extent that the identities of such persons are known at the date of submittal.	Section 3.7
(c) Information about permits needed for construction and operation of the facility, including:	Section 4.0
(A) Identification of all federal, state and local government permits related to the siting of the proposed facility, a legal citation of the statute, rule or ordinance governing each permit, and the name, mailing address, email address and telephone number of the agency or office responsible for each permit;	Section 4.1, Attachment A-2
(B) A description of each permit, the reasons the permit is needed for construction or operation of the facility and the applicant's analysis of whether the permit should or should not be included in and governed by the site certificate;	Section 4.1
(C) For any state or local government agency permits, licenses or certificates that are proposed to be included in and governed by the site certificate, evidence to support findings by the Council that construction and operation of the proposed facility will comply with the statutes, rules and standards applicable to the permit. For permits related to wetlands and water rights the applicant may show this evidence in the State and Local Laws and Regulations Exhibit.	Section 4.2
(D) For federally-delegated permit applications, evidence that the responsible agency has received a permit application and the estimated date when the responsible agency will complete its review and issue a permit decision;	Section 4.3
(E) If the applicant relies on a state or local government permit or approval issued to a third party, identification of any such third-party permit and for each:	Section 4.4
(i) Evidence that the applicant has, or has a reasonable likelihood of entering into, a contract or other agreement with the third party for access to the resource or service to be secured by that permit;	Section 4.4
(ii) Evidence that the third party has, or has a reasonable likelihood of obtaining, the necessary permit;	Section 4.4
(iii) An assessment of the impact of the proposed facility on any permits that a third party has obtained and on which the applicant relies to comply with any applicable Council standard;	Section 4.4
(F) If the applicant relies on a federally-delegated permit issued to a third party, identification of any such third-party permit and for each:	Section 4.5
(i) Evidence that the applicant has, or has a reasonable likelihood of entering into, a contract or other agreement with the third party for access to the resource or service to be secured by that permit;	Section 4.5
(ii) Evidence that the responsible agency has received a permit application;	Section 4.5
(iii) The estimated the date when the responsible agency will complete its review and issue a permit decision; and	Section 4.5
(G) The applicant's proposed monitoring program, if any, for compliance with permit conditions.	Section 4.6

6.0 References

WGFD (Wyoming Game and Fish Department), 2024. <https://wgfd.wyo.gov/news-events/qcells-and-southern-power-recognized-2023-recipients-game-and-fish-industry-wildlife>

Attachment A-1. Articles of Incorporation

Delaware

Page 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "MUDDY CREEK ENERGY PARK LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE EIGHTEENTH DAY OF JULY, A.D. 2022.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN ASSESSED TO DATE.



6875457 8300

SR# 20223011280

You may verify this certificate online at corp.delaware.gov/authver.shtml

A handwritten signature in black ink, appearing to read "JBULLOCK", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed.

Authentication: 203938343

Date: 07-18-22

Delaware

Page 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "MUDDY CREEK ENERGY PARK LLC", FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF JUNE, A.D. 2022, AT 4:57 O`CLOCK P.M.




Jeffrey W. Bullock, Secretary of State

6875457 8100
SR# 20222811026

Authentication: 203810224
Date: 06-30-22

You may verify this certificate online at corp.delaware.gov/authver.shtml

STATE OF DELAWARE
CERTIFICATE OF FORMATION
OF LIMITED LIABILITY COMPANY

The undersigned authorized person, desiring to form a limited liability company pursuant to the Limited Liability Company Act of the State of Delaware, hereby certifies as follows:

1. The name of the limited liability company is _____
Muddy Creek Energy Park LLC

2. The Registered Office of the limited liability company in the State of Delaware is located at 1209 Orange Street _____ (street), in the City of Wilmington _____, Zip Code 19801 _____. The name of the Registered Agent at such address upon whom process against this limited liability company may be served is The Corporation Trust Company _____

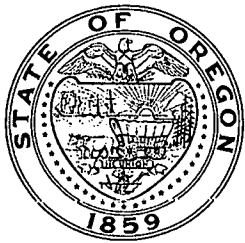
By: _____

Authorized Person

Name: Jae Kyu Lee _____

Print or Type

Attachment A-2. Authorization Letter



Secretary of State
Corporation Division
255 Capitol Street NE, Suite 151
Salem, OR 97310-1327

Phone: (503) 986-2200
FAX: (503) 378-4381
sos.oregon.gov/business

REGISTRY NUMBER: 199399297
TYPE: FOREIGN LIMITED LIABILITY COMPANY

Next Renewal Date: 7/19/2023

MUDDY CREEK ENERGY PARK LLC
300 SPECTRUM CENTER DR STE 1250
IRVINE CA 92618

Acknowledgment Letter

The document you submitted was recorded as shown below. Please review and verify the information listed for accuracy.

DOCUMENT	FILED ON	STATUS
APPLICATION FOR AUTHORITY	7/19/2022	ACTIVE

NAME
MUDDY CREEK ENERGY PARK LLC

JURISDICTION
DELAWARE

PRINCIPAL PLACE OF BUSINESS
300 SPECTRUM CENTER DR STE 1250
IRVINE, CA 92618

REGISTERED AGENT
C T CORPORATION SYSTEM
780 COMMERCIAL ST SE STE 100
SALEM, OR 97301

MAILING ADDRESS
300 SPECTRUM CENTER DR STE 1250
IRVINE, CA 92618

JENGRA
ACK - NEWAUT
07/19/2022



Application for Authority to Transact Business - Foreign Limited Liability Company

Secretary of State - Corporation Division - 255 Capitol St. NE, Suite 151 - Salem, OR 97310-1327 - sos.oregon.gov/business - Phone: (503) 986-2200

REGISTRY NUMBER:

199399297

For office use only

FILED: JUL 19, 2022
OREGON SECRETARY OF STATE



199399297-23615797

MUDDY CREEK ENERGY PARK LLC

NEWAUT

In accordance with Oregon Revised Statute 192.410-192.490, the information on this application We must release this information to all parties upon request and it will be posted on our website.

Please Type or Print Legibly in Black Ink. Attach Additional Sheet if Necessary.

1) NAME: Muddy Creek Energy Park LLC

NOTE: (Must contain the words "Limited Liability Company" or the abbreviations "LLC" or "L.L.C.") Must be identical to the name of record in home jurisdiction.

2) REGISTRY NUMBER IN HOME JURISDICTION 6875457

OR: CERTIFICATE OF EXISTENCE (ATTACHED)

(Please provide a web-verifiable registry number from the entity's home jurisdiction. Certain states, such as Delaware and New Jersey, do not provide status information online. Entities from such places must instead attach an official certificate of existence, current within 60 days of delivery to this office.)

3) DATE OF ORGANIZATION: 06/23/2022 DURATION, IF NOT PERPETUAL: Perpetual

4) STATE OR COUNTRY OF ORGANIZATION: DE

5) THIS FOREIGN LIMITED LIABILITY COMPANY SATISFIES THE REQUIREMENTS OF ORS 63.714(3).

6) NAME OF OREGON REGISTERED AGENT: C T Corporation System

7) REGISTERED AGENT'S PUBLICLY AVAILABLE ADDRESS:

(Must be an Oregon Street Address, which is identical to the registered agent's business office.)

780 Commercial Street SE, STE 100,

Salem, OR 97301

8) ADDRESS OF PRINCIPAL OFFICE OF THE BUSINESS:

300 Spectrum Center Drive, Suite 1250

Irvine, California 92618, United States

9) ADDRESS WHERE THE DIVISION MAY MAIL NOTICES:

300 Spectrum Center Drive, Suite 1250

Irvine, California 92618, United States

10) HOW WILL THIS LIMITED LIABILITY COMPANY BE MANAGED?

- This LLC will be member-managed by one or more members.
This LLC will be manager-managed by one or more managers.

11) EXECUTION: (At least one member or manager must sign.)

I declare as an authorized signer, under penalty of perjury, that this document does not fraudulently conceal, fraudulently obscure, fraudulently alter or otherwise misrepresent the identity of the person or any members, managers, employees or agents of the limited liability company. This filing has been examined by me and is, to the best of my knowledge and belief true, correct, and complete. Making false statements in this document is against the law and may be penalized by fines, imprisonment or both.

Signature:

[Handwritten Signature]

Printed Name:

Jae Kyu Lee

Title:

President of Hanwha Q CELLS USA Corp., the sole member and manager of Muddy Creek Energy Park LLC

CONTACT NAME: (To resolve questions with this filing.)

PHONE NUMBER: (Include area code.)

FEES
Required Processing Fee \$275
Processing Fees are nonrefundable. Please make check payable to "Corporation Division."
Free copies are available at sos.oregon.gov/business, using the Business Name Search program.