State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SUSTAINABLE WASTE MANAGEMENT
BUREAU OF RECYCLING & HAZARDOUS WASTE MANAGEMENT
401 East State Street
P.O. Box 420, Mail Code 401-02C
Trenton, New Jersey 08625-0402
Tel. (609) 984-3438 • Fax (609) 292-1028
www.dep.nj.gov/dshw/rhwm/

Mikie Sherrill
Governor

Dr. Dale G. Caldwell
Lt. Governor

Ed Potosnak
Acting Commissioner

Paul Baldauf
Assistant Commissioner

CERTIFIED MAIL/RETURN RECEIPT REQUESTED
9589071052701594089195

James Entwistle, President
Newtech Recycling, Inc.
245 Belmont Drive, Suite 2
Somerset, New Jersey 08873

July 14, 2026

Re: Certificate of Authority to Operate (CAO) a Research, Development, & Demonstration (RD&D) Project to Manage Non-Hazardous End-of-Life (EOL) Solar Panels
Newtech Recycling, Inc. (Newtech Recycling)
Block 518.06; Lots 1, 2, and 3.01 and Block 521.02; Lot 25
Franklin Township, Somerset County
Facility ID No.: 1113621, Approval No.: CTO250001

Dear James Entwistle:

The Bureau of Recycling & Hazardous Waste Management (Bureau) has completed a review of an application for CAO RD&D Project, signed by James Entwistle, President, Newtech Recycling, and submitted via email dated September 22, 2025.

Based on this review, the Bureau hereby approves the application by Newtech Recycling to operate a Research, Development, and Demonstration Project.

The enclosed CAO – RD&D Project authorizes EOL solar panels to be managed as detailed in the application dated September 22, 2025. Newtech Recycling shall comply with all Conditions of this CAO. Failure to do so may result in revocation of the CAO by the Department.

If there are any questions concerning this matter, please contact Nick Nader at (609) 940-5847, or nicholas.nader@dep.nj.gov.

Sincerely,

Diane Gard

Diane Gard, Chief
Bureau of Recycling & Hazardous Waste Management

Enclosures

C: *Paula Hanley-Tagliaferri, Supervisor, BHWCE
*Terry Clancy, Somerset County Health Officer tclancy@co.somerset.nj.us
*Racquel Hinds, Manager, Somerset County DSWM rhinds@co.somerset.nj.us
*Ann McCarthy, Franklin Township Clerk annmarie.mccarthy@franklinnj.gov

*By email

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CERTIFICATE OF AUTHORITY (CAO) TO OPERATE A RESEARCH, DEVELOPMENT & DEMONSTRATION PROJECT

Under the provisions of N.J.S.A. 13:1E-1 *et seq.*, known as the Solid Waste Management Act, this Authorization is hereby issued to:

Newtech Recycling, Inc.

Facility Type:	Research, Development, & Demonstration
Block & Lot Nos.:	Block 518.06; Lots 1, 2, and 3.01 & Block 521.02; Lot 25
Municipality:	Franklin Township
County:	Somerset
Facility ID No.:	1113621
Approval No.:	CTO250001

This CAO is subject to compliance with all conditions specified herein and all regulations promulgated by the New Jersey Department of Environmental Protection (Department).

This CAO shall not prejudice any claim the State may have to riparian land, nor does it permit the registrant to fill or alter or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment areas or flood plains, or that are within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this state without prior acquisition of the necessary grants, permits or approvals from the Department.

Diane Gard

July 14, 2026
Issuance Date

Diane Gard, Chief
Bureau of Recycling and Hazardous Waste Management

July 14, 2027
Expiration Date

Scope of Project

The purpose of this Research, Development, and Demonstration (RD&D) project is to manage, on an interim basis, non-hazardous end-of-life (EOL) solar panels, until the current rulemaking process by the Department to classify EOL solar panels as Class D (Universal Waste) is concluded.

Approved Application and Associated Documents

The operator shall comply with N.J.A.C. 7:26-1 *et seq.*, the conditions of this Certificate of Authority to Operate (CAO), and the following documents:

1. Amendment to the Somerset County Solid Waste Management Plan to include Newtech Recycling, Inc. as a Class D Recycling Facility, certified by the NJDEP Assistant Commissioner on July 13, 2026.

2. Application for CAO RD&D Project submitted via email dated September 22, 2025, signed by James Entwistle, President, Newtech Recycling, Inc.

NEWTECH RECYCLING INC

1113621 CTO250001 Certificate of Authority to Operate - RD&D Exemption 1.7(f)
Requirements Report

PI 1113621

1 The operator/owner shall manage the operation authorized by this Certificate of Authority to Operate (CAO) in accordance with the Application dated September 22, 2025, that was submitted to the Department, and any modifications thereto. [N.J.A.C. 7:26- 1.7(a)]

2 This CAO shall remain effective for one (1) year. [N.J.A.C. 7:26- 1.7(a)]

3 Failure to comply with the conditions of this CAO may subject the operator/owner to suspension or revocation of the CAO in accordance with N.J.A.C. 7:26-1.7b. [N.J.A.C. 7:26-1.7(b)]

4 The Department may terminate or modify the conditions of this CAO, in the event that the Department determines that such associated operations may pose a threat to public health or the environment. [N.J.A.C. 7:26-1.7(a)]

5 The issuance of this CAO and the conditions of operation identified herein shall not be interpreted as relieving the operator/owner of his responsibility to secure and maintain all other applicable federal, State and local permits or similar forms of authorization relating to the construction and/or operation of this project. [N.J.A.C. 7:26-1.7(a)]

6 If rules to classify solar panels as Class D recyclable material and Universal Waste have not yet been promulgated, the operator/owner shall notify the Department of the intent to renew this CAO no later than thirty (30) days prior to its expiration, and submit updated information concerning the authorized operations, if applicable. [N.J.A.C. 7:26- 1.7(a)]

7 Upon promulgation of the rule to Classify EOL solar panels as Class D recyclable material and Universal Waste, the Department may immediately terminate this CAO and any renewals thereof. [N.J.A.C. 7:26- 1.7(a)]

RCUG 2131848 - EOL Solar Panels

8 All solar panels shall be managed as follows:

(1) Newtech Recycling shall provide the designated end-markets with the identifying information to classify each solar panel as hazardous or non-hazardous waste, based on the end-markets' analytical database.
(2) A copy of the analytical records used to classify solar panels shall be maintained onsite and made available to the Department upon request.
(3) All solar panels thus classified as non-hazardous shall be shipped to the designated end-markets within thirty (30) days of being received by Newtech Recycling.
(4) Any solar panel classified as hazardous waste shall be managed in accordance with the requirements in 40 CFR 262. [N.J.A.C. 7:26- 1.7(f)]

9 At the end of the one (1) year term of this CAO and each subsequent renewal, a report containing monthly summary statements shall be submitted to the Bureau of Recycling and Hazardous Waste Management at recyclingfacilities@dep.nj.gov. [N.J.A.C. 7:26- 1.7(f)]

10 Hours of operations to receive or transfer EOL solar panels shall be limited to Monday through Saturday 8:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26- 1.7(f)]

RCUG 2131848 - EOL Solar Panels

11 If at any time, the total volume of EOL solar panels stored onsite exceeds 44.4 cubic yards, Newtech Recycling shall immediately cease receiving additional EOL solar panels until the volume of EOL solar panels stored onsite falls below 44.4 cubic yards. [N.J.A.C. 7:26- 2.7(f)]

12 Newtech Recycling is authorized to store EOL solar panels in a designated indoor area, as depicted on the approved Site Plan:

Maximum Storage Capacity: 44.4 cubic yards
Maximum Stacking Height: 6 feet
Minimum Aisle Space: 12 - 24 inches. [N.J.A.C. 7:26- 1.7(f)]

13 Newtech Recycling shall maintain a daily log of all incoming EOL solar panels including:

(i) Quantity (tons).
(ii) Name of and contact information of generator.
(iii) Name of and contact information of transporter delivering panels, and copy of shipping papers.
(iv) Location of solar panels while in storage or being processed.
(v) Analytical results establishing nonhazardous status of EOL solar panels, or
(vi) Solar panel information including:
a. Name of the manufacturer of the solar panel;
b. Model number or name of the solar panel;
c. Type of solar panel (monocrystalline, polycrystalline, thin-film); and
d. Details about the materials used in the panel, including hazardous components (include product data sheets or Material Safety Data Sheets, if available). [N.J.A.C. 7:26- 1.7(f)]

14 Newtech Recycling shall maintain logs for all solar panels transferred to designated end-markets including the following:

Name, address, and contact information of solar panel recycling facilities to which solar panels are transported. [N.J.A.C. 7:26- 1.7(f)]

15 No processing (removal of components) of solar panels shall be performed by Newtech Recycling. [N.J.A.C. 7:26- 1.7(f)]

16 Prior to accepting EOL solar panels, Newtech Recycling shall obtain all identifying information for each solar panel, as detailed in the application documents referenced herein. [N.J.A.C. 7:26- 1.7(f)]

17 Solar panels received by Newtech Recycling shall not be evaluated for resale/reuse. [N.J.A.C. 7:26- 1.7(f)]

18 This CAO authorizes Newtech Recycling to receive up to 10 tons per day of end-of-life (EOL) solar panels from residential, commercial, and industrial sources. [N.J.A.C. 7:26- 1.7(f)]