ONE nuclear

Energy Solutions Developer, Owner and Operator
Fast-Track Gas and Advanced Nuclear Power

August 2026

HVII / ONE Nuclear Investor Presentation

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This Presentation contains forward-looking statements, including but not limited to statements regarding ONE Nuclear's and Hennessy VII's expectations, beliefs, intentions, strategies, and projections. All statements other than statements of historical facts contained in this Presentation are forward-looking statements. These statements are based on current expectations and assumptions and are subject to risks and uncertainties that could cause actual results to differ materially. Words such as "anticipate," "believe," "expect," "intend," "may," "plan," "project," "should," "will," and similar expressions are intended to identify forward-looking statements, though not all forward-looking statements contain these identifying words, and the absence of these words does not mean that a statement is not forward-looking. Forward-looking statements include, without limitation, ONE Nuclear's management team's expectations concerning the outlook for its business, productivity, plans, growth and capital investments, operational and cost performance, revenue generation, development timelines, potential generation capacities of specific sites, regulatory outlook, future market conditions, success of strategic relationships, developments in the capital and credit markets, expected future financial performance, as well as demand for nuclear energy and the economic outlook for the nuclear energy industry.

Forward-looking statements speak only as of the date of this Presentation and are based on ONE Nuclear's and Hennessy VII's current beliefs and assumptions. ONE Nuclear and Hennessy VII undertake no obligation to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise, except as required by law. Actual results may differ materially due to various risks and uncertainties, including but not limited to: (1) the risk that the proposed business combination (the "Business Combination") may not be completed in a timely manner or at all, which may adversely affect the price of Hennessy VII's securities; (2) the failure to satisfy the conditions to the consummation of the Business Combination, including the adoption of the definitive agreements related to the Business Combination (the "Business Combination Agreement") by the shareholders of Hennessy VII and the receipt of certain regulatory approvals; (3) market risks; (4) the occurrence of any event, change or other circumstance that could give rise to the termination of the Business Combination Agreement; (5) changes in transaction structure of the Business Combination due to regulatory or legal requirements; (6) the ability to meet listing standards; (7) the effect of the announcement or pendency of the Business Combination on ONE Nuclear's business relationships, performance, and business generally; (8) failure to realize anticipated benefits from the Business Combination; (9) the outcome of any legal proceedings that may be instituted against ONE Nuclear or Hennessy VII related to the Business Combination or the Business Combination Agreement; (10) ONE Nuclear's ability to execute on its business plan and to develop and maintain key strategic relationships and enter into definitive agreements in connection therewith; (11) competition in ONE Nuclear's industry; (12) transaction-related costs; (13) the risk that changes in laws or regulations adversely affect ONE Nuclear's business plans and operations; (14) adverse economic or competitive conditions; (15) the level of redemptions by Hennessy VII shareholders in connection with the Business Combination; (16) the risk that ONE Nuclear may not be able to successfully develop its exclusive sites or other sites and the commercial viability of any such site; (17) the risk that ONE Nuclear will be unable to raise additional capital to execute its business plan, which may not be available on acceptable terms or at all; and (18) other risks and uncertainties described in Hennessy VII's Annual Report on Form 10-K for the year ended December 31, 2025, which was filed with the U.S. Securities and Exchange Commission ("SEC") on March 6, 2026, and other filings with the SEC, including the registration statement on Form S-4 (the "Registration Statement"), the Proxy Statement (as defined below) and other relevant materials filed with the SEC in connection with the Business Combination from time to time. The foregoing list is not exhaustive, and there may be additional risks that neither Hennessy VII nor ONE Nuclear presently knows or that Hennessy VII and ONE Nuclear currently believe are immaterial. ONE Nuclear and Hennessy VII caution you against placing undue reliance on forward-looking statements, which reflect current beliefs and are based on information currently available as of the date a forward-looking statement is made.

Disclaimer & Forward–Looking Statements *(cont.)*

Use of Projections

This Presentation contains projected operational and financial information, including revenue, pipeline opportunities and capacity, individual site capacities, and site economics, including revenue, costs, profit, profit margin, EBITDA, EBITDA margin and cash flow with respect to ONE Nuclear. Such projected financial information constitutes forward-looking information, is for illustrative purposes only, and should not be relied upon as necessarily being indicative of future results. The projected financial information presented in this Presentation was developed exclusively for internal analysis and illustrative purposes. It was not prepared in accordance with Generally Accepted Accounting Principles (GAAP), the rules and regulations of the SEC, or the standards of the American Institute of Certified Public Accountants.

The assumptions and estimates underlying such projected financial information are inherently uncertain and are subject to a wide variety of significant business, market, regulatory, economic, competitive and other risks and uncertainties. Please refer to the "Forward-Looking Statements" disclaimer earlier in this Presentation and the "Risk Factors" section at the end for further context. Actual results may differ materially from the results contemplated by the financial forecast information contained in this Presentation and the inclusion of such information in this Presentation should not be regarded as a representation by any person that the results reflected in such forecasts will be achieved. Neither the SPAC nor ONE Nuclear intends to or undertakes any obligation to update or otherwise revise the projected financial information to reflect circumstances existing after the date when made or to reflect the occurrence of future events in the event that any or all of the assumptions underlying the projected financial information are no longer valid. Accordingly, they should not be viewed as "guidance" of any sort.

ONE Nuclear's Commercial Agreements are Non-Binding

This Presentation contains descriptions of certain non-exclusive, key business relationships of ONE Nuclear, including with Rolls-Royce, Black & Veatch, FutureWorx, and other business partners. These descriptions are based on the ONE Nuclear management team's discussions with such counterparties, the terms of certain existing non-binding collaboration agreements with such counterparties, and the latest available information and estimates as of the date of this Presentation. In each case, such descriptions are subject to negotiation and execution of definitive agreements with such counterparties, which have not been completed as of the date of this Presentation. As a result, such descriptions of key business relationships of ONE Nuclear, including with Rolls-Royce and Black & Veatch, remain subject to change, and there can be no assurance that definitive agreements with such business partners will be executed or, if executed, that the terms of such definitive agreements will not vary materially from those described herein.

Participants in the Solicitation

Hennessy VII, ONE Nuclear and their respective directors, executive officers and other members of management and employees may, under the rules of the SEC, be deemed to be participants in the solicitations of proxies from Hennessy VII's shareholders in connection with the Business Combination. For more information about the names, affiliations and interests of Hennessy VII's directors and executive officers, please refer to Hennessy VII's Annual Report on Form 10-K filed with the SEC on March 6, 2026, and the Registration Statement, Proxy Statement and other relevant materials filed with the SEC in connection with the Business Combination from time to time. Additional information regarding the participants in the proxy solicitation and a description of their direct and indirect interests, which may, in some cases, be different than those of Hennessy VII's shareholders generally, are included in the Registration Statement and the Proxy Statement. Shareholders, potential investors and other interested persons should read the Registration Statement and the Proxy Statement carefully before making any voting or investment decisions. You may obtain free copies of these documents from the sources indicated above.

Important Information for Investors and Shareholders

In connection with the Business Combination, Hennessy VII has filed with the SEC the Registration Statement, which includes a prospectus with respect to the securities to be issued in connection with the Business Combination and a proxy statement to be distributed to holders of Hennessy VII's ordinary shares in connection with Hennessy VII's solicitation of proxies for the vote by Hennessy VII's shareholders with respect to the Business Combination and other matters described in the Registration Statement (the "Proxy Statement"). The SEC declared the Registration Statement effective on August 3, 2026 and Hennessy VII has filed the definitive Proxy Statement with the SEC and will be mailing copies to shareholders of Hennessy VII as of July 31, 2026, the record date to vote on the Business Combination.

This Presentation does not contain all the information that should be considered concerning the Business Combination and is not a substitute for the Registration Statement, Proxy Statement or for any other document that Hennessy VII filed or may file with the SEC. Before making any investment or voting decision, investors and security holders of Hennessy VII and ONE Nuclear are urged to read the Registration Statement and the Proxy Statement, and any amendments or supplements thereto, as well as all other relevant materials filed or that will be filed with the SEC in connection with the Business Combination as they become available because they will contain important information about ONE Nuclear, Hennessy VII and the Business Combination.

Investors and security holders will be able to obtain free copies of the Registration Statement, the Proxy Statement and all other relevant documents filed or that will be filed with the SEC by Hennessy VII through the website maintained by the SEC at www.sec.gov. In addition, the documents filed by Hennessy VII may be obtained free of charge from Hennessy VII's website at https://www.hennessycapital7.com or by directing an email request to info@hennessycapitalgroup.com. The information contained on, or that may be accessed through, the websites referenced in this Presentation is not incorporated by reference into, and is not a part of, this Presentation.

ONE nuclear

ONE Nuclear’s mission is to deliver solutions to meet rapidly growing energy demand with a fast-to-market and fully integrated platform to develop, own and operate utility-scale natural gas and advanced nuclear power generation

Macro Tailwinds Driving Behind-the-Meter Power Demand

ONE nuclear

2,060 GW
U.S. Interconnector Queue Backlog
(LBNL "Queued Up" 2026 Edition)

~2x -3x
Domestic Data Center Power Demand by 2028
(DOE, Dec 2024)

~4+ Years
Average Grid Connection Lead Time (LBNL "Queued Up" 2026

Selected headlines reinforcing the structural demand thesis for behind-the-meter power generation

EIA (JAN 2026)
Strongest four-year growth in U.S. electricity demand since 2000, fueled by data centers

REUTERS
U.S. power demand surge from data centers could lift fossil fuel generation as grid lags behind

FORTUNE
241 GW of data centers in the pipeline – a 159% increase – but only a third under active development

POLITICO / E&E NEWS
AI power demand creates 'high likelihood, high impact' risks to grid reliability nationwide

WALL STREET JOURNAL
Battery makers pivot from stalling EV market to grids and data centers as storage demand surges

WHITE HOUSE
'Bring Your Own Power' – seven major hyperscalers sign ratepayer protection pledge for self-supplied energy

BLOOMBERG
Google signs 20-year power purchase agreement to secure dedicated energy for Michigan data center

REUTERS
Meta contracts massive nuclear power supply to meet escalating AI data center energy requirements

DATACENTERDYNAMICS
500MW nat gas + carbon capture + BESS integrated solution expected to launch for mission-critical data centers

WASHINGTON POST
The answer to AI's power problem? Free markets. Smart policy choices—in this case, forcing AI companies into a truly free market, without subsidies

Source: EIA, DOE, Reuters, Bloomberg, WSJ, Fortune, POLITICO, public company announcements

Integrated Develop-Own-Operate Model with Strategic Relationships

ONE nuclear

ONE Nuclear's goal is to deliver GW scale fast-track and competitive baseload power solutions, thereby creating a platform for reliable nuclear SMR powered energy parks to grow with customers, sites and technologies

Scope of Services

Gas Power Technologies

mtu A Rolls-Royce solution

SMR Technologies

- Design
- Manufacturing
- Installation

Gen III+

Rolls-Royce SMR, Westinghouse, GE VERNOVA

Gen IV

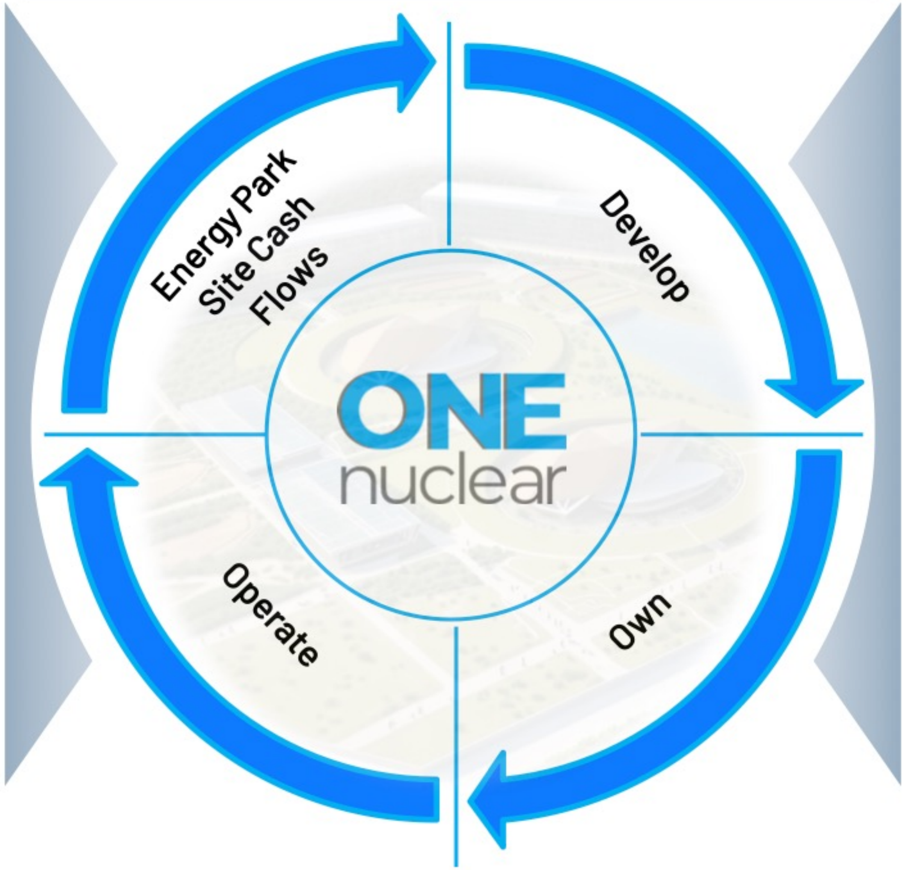
X energy, TerraPower

Training & Operations

Specialists developing training and operations services

QNI ADVANCED NUCLEAR SOLUTIONS

Integrated Develop-Own-Operate Model



Scope of Services

Sites
Assistance in access to advantaged sites for Energy Parks

CUSHMAN & WAKEFIELD

Offtakers
Specialized team to optimize open market sales and wholesale trading

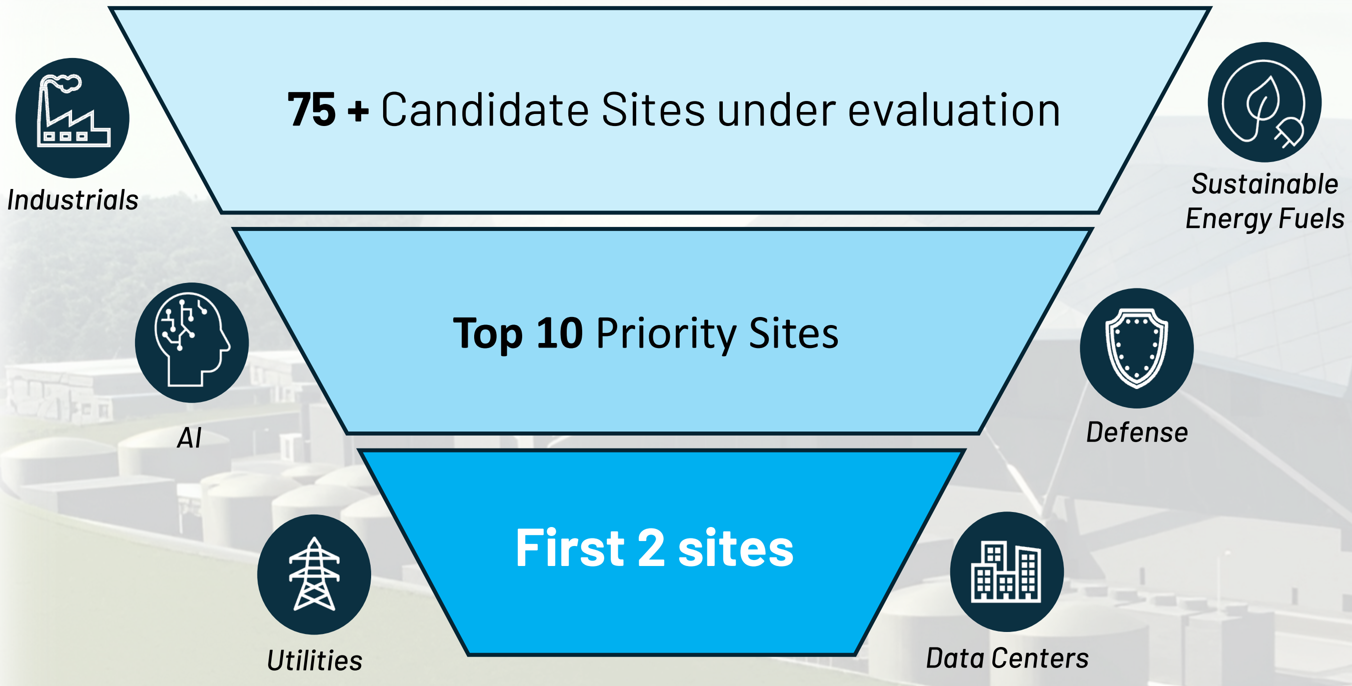
Global Integrated Energy Leader

Program Management & EPC Activity
Project planning, control and performance, engineering, procurement and Construction

BLACK & VEATCH

Note: ONE Nuclear's relationships identified herein range from preliminary discourse to definitive agreements

Priority Pipeline – First 2 Development Sites



1. East Texas (1)
2. New Mexico (2)

#1 East Texas (1)

Development site of ~1,600 acres for up to 1GW gas by 2028, with 2GW nuclear SMRs by 2034 supporting regional energy resilience

#2 New Mexico (2)

Development site of ~6,000 acres to 1GW capacity as the exclusive gas developer with expansion potential to 10 GW,

1. ONE Nuclear has entered into MOU agreements for exclusive access in order to perform further studies; there is no assurance that definitive agreements will be executed. See "ONE Nuclear's Commercial Agreements are Non-Binding" on Slide 3.
2. ONE Nuclear has entered into a letter of intent with regional development partners for 1 GW of natural gas power generation, with exclusivity for up to 10 GW. There is no assurance that definitive agreements will be executed. See "ONE Nuclear's Commercial Agreements are Non-Binding" on Slide 3.

Note: Represents ONE Nuclear management's current priority sites for targeted development

Seasoned Team Experienced in Leading Complex Energy Ventures

ONE nuclear

Management

Richard Taylor
Co-Founder, Chairman,
Chief Executive Officer

bp KOKO

Robert Carilli
Co-Founder,
Chief Strategy Officer

BankersTrust MERRILL A BANK OF AMERICA COMPANY

Kevin Dowd
Co-Founder,
Chief Operating Officer

Berkeley Square Capital LLC NEXPAK

Ann Anthony
Chief Financial Officer

OPAL FUELS

Coen Weddepohl
Chief Investment Officer

GREENCOAT RENEWABLES Man energyRe

Christopher Hansmeyer
Chief Development Officer

Amino SUSTAINABILITY GROUP lightsourcebp Abengoa Solar

Independent Directors

Elizabeth S. Williams
Director
– Strategy and Governance

ABB MAERSK TENNECO

Daniel J. Hennessy
Director
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HENNESSY CAPITAL innventure DASEKE NRC BLUE BIRD US ecology chs capital

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Director
– Utility, M&A and Nuclear

exelon Constellation J.P.Morgan LEHMAN BROTHERS

Darryl Willis
Director
– Energy and Digital Infrastructure

Microsoft Google bp

Advisory Board

Joseph Gruters
Advisor
– Government Relations

Chris LaCivita
Advisor
– Government Relations

Margo Black
Advisor
– Insurance

Swiss Re Munich RE sedgwick

Slater Baylis
Advisor
– Government Relations

THE ADVOCACY PARTNERS FLORIDA STATE UNIVERSITY

Dr. Robert Hayes
Advisor
– Nuclear Engineering

NC STATE UNIVERSITY SRNL SAVANNAH RIVER NATIONAL LABORATORY

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