UNITED STATES

#### SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

April 18, 2024

Commission File Number 001-36761

# Kenon Holdings Ltd.

1 Temasek Avenue #37-02B Millenia Tower Singapore 039192 (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ⊠ Form 40-F □

EXHIBIT 99.1 TO THIS REPORT ON FORM 6-K IS INCORPORATED BY REFERENCE IN THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-201716) OF KENON HOLDINGS LTD. AND IN THE PROSPECTUSES RELATING TO SUCH REGISTRATION STATEMENT.

#### Exhibits

99.1 Press Release, dated April 18, 2024: Kenon's Subsidiary OPC Energy Ltd. Announces Rejection of Plan to Construct a Power Plant on Land Adjacent to the Power Plant in Hadera

### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

KENON HOLDINGS LTD.

By: /s/ Robert L. Rosen

Name: Robert L. Rosen Title: Chief Executive Officer

Date: April 18, 2024



#### Kenon's Subsidiary OPC Energy Ltd. Announces Rejection of Plan to Construct a Power Plant on Land Adjacent to the Power Plant in Hadera

Singapore, April 18, 2024. Kenon Holdings Ltd.'s (NYSE: KEN, TASE: KEN) ("Kenon") subsidiary OPC Energy Ltd. ("OPC") has announced that on April 17, 2024, the Israeli government has rejected the plan to construct a power plant on land adjacent to the power plant in Hadera (the "Hadera 2 Project"). OPC has stated that it is gathering information and will assess the situation to determine appropriate actions, which may involve pursuing legal options.

As of April 18, 2024, OPC has recognized in its financial statements an asset amounting to NIS 31 million (approximately \$8 million) as part of the Hadera 2 Project, which is attributable to the right of use of the land. OPC has stated that it is evaluating the impact of the Israeli government's decision on the asset balance reflected in its financial statements, and that it will include any financial impact in its financial statements for the period ending March 31, 2024.

For more information on the Hadera 2 Project, see Kenon's annual report on Form 20-F for the year ended December 31, 2023.

#### Caution Concerning Forward-Looking Statements

This press release includes forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements include statements about the Israeli government's decision to reject the Hadera 2 Project, actions which may be taken by OPC in respect of the Israeli government's decision, and other non-historical statements. These forward-looking statements are based on current expectations or beliefs, and are subject to uncertainty and changes in circumstances. These forward-looking statements are subject to a number of risks and uncertainties, which could cause the actual results to differ materially from those indicated in Kenon's forward-looking statements. Such risks include risks relating to the Hadera 2 Project, the Israeli government's decision to reject the Hadera 2 Project, any actions which may be taken by OPC in respect of the Israeli government's decision, any impact on OPC's financial statements and other risks, including those set forth under the heading "Risk Factors" in Kenon's most recent Annual Report on Form 20-F filed with the U.S. Securities and Exchange Commission. Except as required by law, Kenon undertakes no obligation to update these forward-looking statements, whether as a result of new information, future events, or otherwise.