| SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 | |
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| FORM 6-K | |
| REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 OF THE SECURITIES EXCHANGE ACT OF 1934 May 27, 2020 | |
| Commission File Number 001-36761 | |
| Kenon Holdings Ltd. | |
| 1 Temasek Avenue #36-01 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 □ | |
| Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b the Securities Exchange Act of 1934. |) under |
| Yes □ No ⊠ | |
| If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): | |
| 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 HOLDIN | IGS |

LTD. AND IN THE PROSPECTUSES RELATING TO SUCH REGISTRATION STATEMENT.

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.

Date: May 27, 2020 By: /s/ Robert L. Rosen

Name: Robert L. Rosen
Title: Chief Executive Officer



Kenon's Subsidiary OPC Announces Agreement for a New 99MW Power Plant in Israel

Singapore, May 27, 2020. Kenon Holdings Ltd. (NYSE:KEN, TASE:KEN) ("Kenon") is announcing that on May 26, 2020, SMS IDE Ltd. ("IDE") notified Kenon's subsidiary OPC Energy Ltd. ("OPC") that it had won a build-operate-transfer (BOT) tender with the State of Israel for the construction, operation and maintenance of a seawater desalination plant ("Sorek 2").

OPC, through its fully owned subsidiary, has an agreement with IDE, that provides that should IDE sign an agreement with the State of Israel as a result of winning the tender, OPC will construct, operate and maintain a gas-fired cogeneration power plant with a capacity of up to 99MW at the premises of the desalination plant, and sell electricity to the desalination plant for a period of 25 years.

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 with respect to the potential construction, operation and maintenance of the new 99MW power plant, including with respect to electricity sales. These statements are based on current expectations or beliefs, and are subject to uncertainty and risks, including the risk that IDE does not sign an agreement with the State of Israel and that OPC does not construct, operate or maintain the power plant or effect electricity sales as described or at all, and other risks and factors, including those risks set forth under the heading "Risk Factors" in Kenon's 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.