



CITY OF HAYWARD

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Cover Memo

File #: ACT 20-056, **Version:** 1

DATE: September 14, 2020

TO: Council Sustainability Committee

FROM: Director of Public Works

SUBJECT

Review and Comment on the Five-Year Performance of Cogeneration Engine at the Water Pollution Control Facility

RECOMMENDATION

That the Council Sustainability Committee (CSC) receives this informational report.

SUMMARY

The Water Pollution Control Facility (WPCF), the City's single-largest energy user, has been producing renewable electricity for decades via a cogeneration system (combined heat and power) using biofuel produced as part of the treatment process. The original cogeneration system was in operation between 1982 and 2014 and had reached the end of its useful life. In December 2014, a new cogeneration facility was commissioned that included a 1,137-kW cogeneration engine capable of producing more energy than is needed at the WPCF. This report presents an update on the five-year performance of the cogeneration system. In addition, an update is provided on the WPCF Solar Phase 1 and Phase 2A projects.

ATTACHMENTS

Attachment I Staff Report