

GCGV COMMISSIONING UPDATES:

GROUND FLARE

GCGV soon will be starting up and testing its ground level flare, which is designed for safety and to minimize impacts to the community. Equipment testing during the commissioning process helps prepare our site for safe operations and is continuously monitored to ensure proper operations.

As GCGV continues start-up preparations, we will keep our neighbors informed of upcoming activities that may be noticeable. We thank you for your patience as we work to safely bring online this world-scale petrochemical facility.


What is flaring and what is a ground flare?


Flaring is a safe and controlled part of plant operations. When the manufacturing process starts or stops, GCGV manages the excess gas in the system by safely burning it through a flare system that includes a ground flare. In the polyethylene manufacturing process, GCGV will send excess gas to a ground flare, which uses multiple small burners to burn off the gas.

When will the ground flare be used during operations?

GCGV expects to use the ground flare during commissioning, startup and maintenance activities. To minimize visibility in the community and reduce sound, physical barriers were installed around the ground flare impacts. Berms around the GCGV site provide additional buffer.

When in use ...


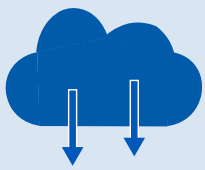

 **the ground flare will create a glowing effect at or near ground level**

 **the ground flare will generate a rumbling sound**

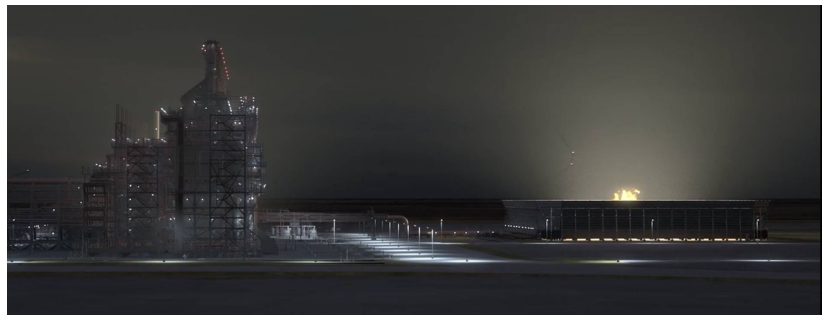
Weather, primarily wind direction and low clouds, will make ground flaring more noticeable.

BENEFITS

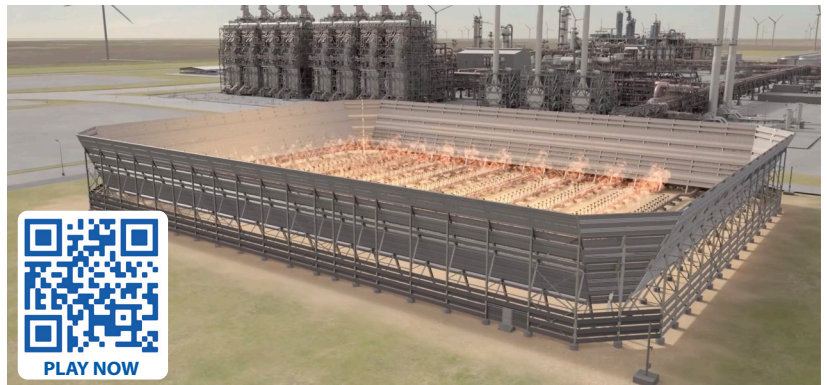
This advanced technology:

-  **Increases efficiency**
-  **Minimizes emissions**
-  **Lowers energy use**

Compared to a traditional elevated flare



Flaring will be more visible when there are low clouds at night. If you are close by, you will notice periodic use of the ground flare.



Multiple burners minimize emissions, lower energy use and reduce noise.



Watch our video to learn more about GCGV's ground flare