

CORTEX™

FLARING EVENT

Event Prevention | Root Cause

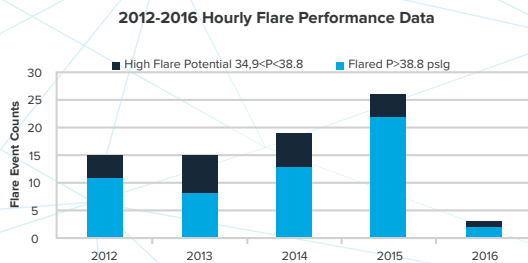


Initial Use Case

Although already an industry leader in reducing flaring events, Flint Hills Resources engaged EFT to help them go even further. Flaring events were both frustrating and costly to operations, and the pre-event notification time was only five minutes. The facility had previous theories regarding the unit's operations and potential causes for these flaring events but couldn't pinpoint a root cause. These flaring events resulted in a loss of production and overall profit. Then, EFT Analytics joined the team.

Solution

EFT analyzed key variables to ultimately reduce their downtime and increase efficiencies. Through EFT's Advanced Analytics, a live dashboard monitor was deployed to alert engineers and operators of a future event in real time. This monitor allowed the facility to predict the event up to 40 minutes in advance and pointed the operators toward causes and potential remedies. Ultimately, this helped process engineers and operators identify the source of the event and take preventative actions for future events.



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"EFT does more than just show you what's happening - it gives you the next step of capability which is really where the money is. That's a key element that is significantly different from what I've seen in a lot of other tools."

— **Deb Cartwright**, Innovation Director,
Flint Hills Resources