



Hydrocarbon Dewpoint (HDP) Monitoring



What is Hydrocarbon Dewpoint (HDP) and why is it important?

During February 2004, ANR Pipeline switched from a BTU per cubic foot monitoring system to a HDP temperature monitoring system. Per the ANR tariff (sheet 86, 1.24A) , “the term ‘Hydrocarbon Dewpoint ‘ shall mean cricondentherm, the highest temperature at which the vapor-liquid equilibrium may be present.” More simply stated, the cricondentherm is the only gas quality element that allows the accurate prediction of when liquids will start condensing in the pipeline system. This is important to everyone for safe and reliable distribution of natural gas.

How much HDP information does ANR provide and where can it be found?

ANR posts HDP information daily for all of the receipt meters on its system where ANR controls and maintains the measurement for the receipt meter. We also post nineteen monitoring points daily that provide a representative view of the HPD across the system. Once calculated, the information is posted within twenty four hours. It can be accessed from www.anrpl.com / Informational Postings / ANR Pipeline Company / Gas Quality / HDP Monitoring.

From the HDP Monitoring screen, you will be able to view the information for the receipt meters found on the five major pipeline segments. Just select the segment and processing month you are interested in reviewing and click on the retrieve icon or press your enter key. All meters in that reporting area will be listed in alphabetical order by meter name and gas day.

The representative view of the system will be listed under the heading, Gas Quality Data, and will include the nineteen meters spread across the system and provide up to eleven key gas quality elements for you to view. You may choose one individual meter or any combination of meters by date. Just set your parameters and click on the retrieve key. That’s all there is to it.