**Plain Language Summary**

**Colorado Bend II Power, LLC**

**Individual Industrial Wastewater Application**

*The following summary is provided for this pending water quality permit amendment application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application*.

Colorado Bend II Power, LLC (CN604686030) operates the Colorado Bend II Power Station, a 1,088-MW gas-fired combined cycle power plant that will utilize dry cooling technology (i.e. air cooling or air cooled condensers) to minimize water usage and conserve water.

In September 2021, Colorado Bend II Power, LLC received the individual industrial wastewater permit. After reviewing the calculated volume of water to be discharged in comparison to the temperatures and cooling needs from the summer of 2021, Colorado Bend realized that the permitted daily average and max flow may be exceeded during the upcoming summer runs. The approved application was sent to the TCEQ in June of 2020 and employed calculations based on temperatures from the three previous summers resulting in the currently permitted flow. Currently the effluent flow limit for Colorado Bend II is limited to an average of 0.495 mgd and the max is 0.555 mgd. Colorado Bend is requesting the modification to include a new average of 0.58 mgd and a max of 0.81 mgd to allow slightly high discharge volumes in response to increased heat during the upcoming summer months.