Rider xx. Improved Methodology for Calculation of Royalties on Flared and Vented Gas. It is the intent of the Legislature for the General Land Office to work with the Commission on Environmental Quality, the Railroad Commission, and the Comptroller of Public Accounts to attempt to identify and develop an improved methodology that ensures accurate measurement and/or estimation of the actual amount of vented and flared gas on state leases, and appropriate calculation of royalties to maximize revenues to the state. Any improved methods should reflect current knowledge about emissions and up-to-date best practices to most accurately determine the amount of gas vented and flared. The General Land Office shall implement any identified methodology improvements no later than December 31, 2011. The General Land Office shall provide notice and guidance to producers as needed to ensure compliance.