

|  |  |
| --- | --- |
| **Project Index** | **Project Description** |
| N1 | Kiamichi Energy Facility 345-kV reactor addition |
| NC1 | Ranger Gulf -Thurber TNP 69-kV terminal equipment upgrade |
| NC2 | Bosque Switch - Olsen TNP 138-kV line terminal equipment upgrade |
| [NC3](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'NC3'!A1) | Energy Switch - Gustine 69-kV line upgrade |
| [NC4](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'NC4'!A1) | Terrell North - Terrell North Tap - Terrell Switch 138-kV line upgrade |
| [NC5](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'NC5'!A1) | Hurst - Euless 138-kV line upgrade |
| [NC6](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'NC6'!A1) | Liggett Switch - Hackberry 138-kV double circuit line upgrade |
| [NC7](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'NC7'!A1) | Kaufman Northwest - Rose Hill 138-kV line upgrade |
| [FW1](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'FW1'!A1) | 1. Rebuild the 69kV line to 138kV line from IH-20 all the way to Wickett  2. Add a new 138kV bus and a 138/69kV autotransformer at Wickett 3. Build a new 138kV line from Wickett to Permian Basin |
| [FW2](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'FW2'!A1) | Add two (2) 50 MVAR reactor banks at Bakersfield 345-kV Substation |
| [FW3](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'FW3'!A1) | Riverton - Sandlake double-circuit 138-kV line addition |
| [FW4](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'FW4'!A1) | Add two (2) more 12 MVAR capacitor banks at St Lawrence 138-kV Substation |
| [SC1](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'SC1'!A1) | Bell and Williamson County upgrades |
| [SC2](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'SC2'!A1) | Moulton South 138/69-kV transformer addition |
| [SC3](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'SC3'!A1) | Fayette area upgrades |
| [SC4](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'SC4'!A1) | Flatonia - Hallettsville 138-kV line rebuild |
| [SC5](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'SC5'!A1) | Wells Branch - Howard Lane Tap 138-kV line upgrade |
| [S1](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'S1'!A1) | Hidalgo-Starr transmission project |
| **Project Index** | **Project Description** |
| [S2](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'S2'!A1) | New Escondido - Brackettville 138-kV line addition |
| [S3](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'S3'!A1) | South McAllen -Bensten terminal equipment upgrade |
| [S4](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'S4'!A1) | W George West Switch - George West Switching Station 69-kV line upgrade |
| [S5](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'S5'!A1) | Bessel 138-kV capacitor bank addition |
| [S6](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'S6'!A1) | Beeville area upgrades |
| [S7](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'S7'!A1) | Valero area upgrades |
| [S8](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'S8'!A1) | Replace two Miguel 345/138-kV transformers |
| [C1](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C1'!A1) | PLACEHOLDER - Switched Shunt at Jones Creek |
| [C2](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C2'!A1) | PLACEHOLDER - Second Switched Shunt at Jones Creek |
| [C3](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C3'!A1) | PLACEHOLDER - Second Switched Shunt at Velasco |
| [C4](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C4'!A1) | PLACEHOLDER - Third Switched Shunt at Velasco |
| [C5](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C5'!A1) | Danevang 69 Sub - Clemville Switch 69-kV Upgrade |
| [C6](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C6'!A1) | 345/138-kV Transformer Addition at Zenith |
| [C7](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C7'!A1) | Jordan - Cities 138-kV Terminal Equipment Upgrade |
| [C8](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C8'!A1) | Hardy - North Side 138-kV Line Uprate |
| [C9](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C9'!A1) | Britmoore - Sauer Double-Circuit 138-kV Upgrade |
| [C10](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C10'!A1) | O'Brien - Clodine 138-kV Line Uprate |
| [C11](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C11'!A1) | Bunker Area 138-kV Upgrades |
| [C12](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'C12'!A1) | Switched Shunt at MaGill |
| [E1](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'E1'!A1) | Stryker Creek SES - Bayou Loco 138-kV Line Upgrades |
| [W1](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'W1'!A1) | Mason AEP - Fort Mason 69-kV terminal equipment upgrade |
| [W2](file:///C:\Users\aelhabr\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.MSO\FA0B7538.xlsx#'W2'!A1) | Add a second 345/138-kV transformer at Twin Buttes |