

### SUMMARY OF CASES (Shown as changes from Reactive Path assumptions)

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|    | Case                          | Economic Environment                | Land Access For Gas Production   | Gas Supply Technology & Resource Base | Gas Transmission Infrastructure | LNG Investment | Residential/ Commercial Efficiency | Income Elasticity of Electricity Sales               | Industrial & Power Generation Fuel Switching | Fossil Generation            | Nuclear Capacity                    | Renewable Capacity and Generation | Other Items |
|----|-------------------------------|-------------------------------------|----------------------------------|---------------------------------------|---------------------------------|----------------|------------------------------------|--|--|------------------------------|-------------------------------------|-----------------------------------|-------------|
| 14 | Decreased Offshore Access     |                                     | Decreased Offshore Access        |                                       |                                 |                |                                    |  |  |                              |                                     |                                   |             |
| 15 | Less Access                   |                                     | Less Access (Rockies & Offshore) |                                       |                                 |                |                                    |  |  |                              |                                     |                                   |             |
| 16 | No Alaska Pipeline            |                                     |                                  |                                       | No Alaska Pipeline Built        |                |                                    |  |  |                              |                                     |                                   |             |
| 17 | Delayed Alaska Pipeline       |                                     |                                  |                                       | Alaska Pipeline Delayed 5 years |                |                                    |  |  |                              |                                     |                                   |             |
| 18 | Expand Alaska Pipeline        |                                     |                                  |                                       | Expand Alaska Pipeline in 2020  |                |                                    |  |  |                              |                                     |                                   |             |
| 19 | Low Supply Technology         |                                     |                                  | Low Technological Advances            |                                 |                |                                    |  |  |                              |                                     |                                   |             |
| 20 | High Supply Technology        |                                     |                                  | High Technological Advances           |                                 |                |                                    |  |  |                              |                                     |                                   |             |
| 21 | Static Supply Technology      |                                     |                                  | No Technological Advances             |                                 |                |                                    |  |  |                              |                                     |                                   |             |
| 22 | Low Industrial Production     | Lower Industrial Production Growth  |                                  |                                       |                                 |                |                                    |  |  |                              |                                     |                                   |             |
| 23 | High Industrial Production    | Higher Industrial Production Growth |                                  |                                       |                                 |                |                                    |  |  |                              |                                     |                                   |             |
| 24 | Fuel Flexibility              |                                     |                                  |                                       |                                 |                | Greater Efficiency                 | Increasing Efficiency Yields Lower Income Elasticity | Greater Flexibility                          | More Favorable to Coal & Oil | Increased Uprates of Existing Units | More Growth in Capacity           |             |
| 25 | LNG Stress Test - Bal. Future |                                     | Increased Access                 |                                       |                                 | Highest LNG    | Greater Efficiency                 | Increasing Efficiency Yields Lower Income Elasticity | Greater Flexibility                          | More Favorable to Coal & Oil | Increased Uprates of Existing Units | More Growth in Capacity           |             |

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|----|------------------------|----------------------|--------------------------------|---------------------------------------|---------------------------------|----------------|------------------------------------|--|--|---|------------------------------------|-----------------------------------|------------------------------------|
| 26 | Quick Rockies Build    |                      |                                |                                       | Quick Rockies Build Logic       |                |                                    |  |  |   |                                    |                                   |                                    |
| 27 | Slow Rockies Build     |                      |                                |                                       | Slow Rockies Build Logic        |                |                                    |  |  |   |                                    |                                   |                                    |
| 28 | High Resource Base P10 |                      |                                | High Resource Base                    |                                 |                |                                    |  |  |   |                                    |                                   |                                    |
| 29 | Low Resource P90       |                      |                                | Low Resource Base                     |                                 |                |                                    |  |  |   |                                    |                                   |                                    |
| 30 | Carbon Reduction       |                      |                                |                                       |                                 |                |                                    |  |  | High Retirement Rates for Steam Capacity, No New Conventional Coal Plants | New Nuclear Units Added After 2012 | More Growth in Capacity           | Carbon Emissions Constrained       |
| 31 | Status Quo             |                      | Decreased Rockies              |                                       | No Alaska Pipeline Built        | Low LNG        |                                    | Increasing Efficiency Yields Lower Income Elasticity |  | Delayed Construction of New Coal Capacity                                 |                                    | More Growth in Capacity           |                                    |
| 32 | WTI \$28 Oil Price     |                      |                                |                                       |                                 |                |                                    |  |  |   |                                    |                                   | Long Run Oil Price is \$28 for WTI |