## Cheyenne Light, Fuel & Power

### Load and Resource Balance - Preferred Plan Combined Cycle Conversion

| | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Peak Demand | 180 | 197 | 208 | 216 | 219 | 222 | 226 | 229 | 233 | 236 | 240 | 243 | 247 | 251 | 254 | 258 | 262 | 266 | 270 | 274 |
| DSM | (1) | (2) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) | (3) |
| Net Peak Demand | 179 | 195 | 205 | 213 | 216 | 219 | 223 | 226 | 230 | 233 | 237 | 240 | 244 | 248 | 251 | 255 | 259 | 263 | 267 | 271 |
| 15% reserve margin | 27 | 29 | 31 | 32 | 32 | 33 | 33 | 34 | 35 | 35 | 36 | 36 | 37 | 37 | 38 | 38 | 39 | 39 | 40 | 41 |
| Total Demand (including planning reserve) | 206 | 224 | 236 | 245 | 248 | 252 | 256 | 260 | 265 | 268 | 273 | 276 | 281 | 285 | 289 | 293 | 298 | 302 | 307 | 312 |
| Resources | | | | | | | | | | | | | | | | | | | | |
| Wygen II | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| 2014 CT 1 | 0 | 0 | 0 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 |
| 2014 CC | 0 | 0 | 0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 |
| 2023 CT 2 | | | | | | | | | | | | | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 |
| 2030 CT 3 | | | | | | | | | | | | | | | | | | | | 36.2 |
| 2030 CT 4 | | | | | | | | | | | | | | | | | | | | 36.2 |
| Total Resources | 90.0 | 90.0 | 90.0 | 165.2 | 165.2 | 165.2 | 165.2 | 165.2 | 165.2 | 165.2 | 165.2 | 165.2 | 201.4 | 201.4 | 201.4 | 201.4 | 201.4 | 201.4 | 201.4 | 273.8 |
| Purchases | | | | | | | | | | | | | | | | | | | | |
| Wygen 1 PPA* | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| NSCT2 PPA | 40 | 40 | 40 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Happy Jack | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 0 | 0 |
| Silver Sage | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| Market | 25 | 50 | 50 | 0 | 25 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 25 | 25 | 50 | 50 | 50 | 50 | 50 | 0 |
| Total Resources | 217.5 | 242.5 | 242.5 | 267.7 | 252.7 | 277.7 | 277.7 | 277.7 | 277.7 | 277.7 | 277.7 | 277.7 | 288.9 | 288.9 | 313.9 | 313.9 | 313.9 | 313.9 | 312.4 | 333.8 |
| Reserve Margin** | 5.7% | 8.1% | 2.9% | 9.3% | 1.7% | 10.3% | 8.3% | 6.8% | 5.0% | 3.6% | 1.9% | 0.6% | 3.0% | 1.3% | 8.7% | 7.0% | 5.4% | 3.8% | 1.7% | 7.1% |

*Cheyenne Light has an option to convert the Wygen 1 PPA to utility ownership and has made the assumption that the PPA is replaced in kinc

**Reserve margin calculation is in excess of assumed 15% planning reserve margin.

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EXHIBIT

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