

| Company                    | Plant Name                 | Raw Feed | Product Ash % | Quality | Year of Last Upgrade | Type of Plant |    | Primary Sep. |      |       | Intermediate Sep. |    |    | Fine Coal |       |        | Centrifugal Dryer(s) | Online Analyzers |        |        | Controls |   |   | Builder | Year    |      |
|----------------------------|----------------------------|----------|---------------|---------|----------------------|---------------|----|--------------|------|-------|-------------------|----|----|-----------|-------|--------|----------------------|------------------|--------|--------|----------|---|---|---------|---------|------|
|                            |                            |          |               |         |                      | HM            | WO | Jig          | Ves. | Cycl. | LD                | HM | WO | Cycl.     | Cycl. | Tables |                      | Froth            | Spiral | Column | E        | M | A |         |         | Man. |
| Alabama (8)                |                            |          |               |         |                      |               |    |              |      |       |                   |    |    |           |       |        |                      |                  |        |        |          |   |   |         |         |      |
| Best Coal                  | Short Creek                | —        | —             | —       | —                    | —             | —  | —            | —    | —     | —                 | —  | —  | —         | —     | —      | —                    | —                | —      | —      | —        | — | — | —       |         |      |
| Bluestone Resources        | Glade                      | 200      | —             | —       | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | •         | •     | —      | •                    | —                | —      | —      | —        | • | — | Tag     | 2012    |      |
| Camellia Met Mining        | Piney Woods                | 300      | —             | —       | —                    | •             | —  | —            | —    | —     | —                 | —  | —  | •         | —     | —      | •                    | —                | —      | —      | —        | • | — | —       | —       |      |
| Oak Grove Mining           | Concord                    | 1,000    | 8.50%         | < 1.0   | 2011                 | •             | —  | —            | —    | •     | —                 | —  | —  | •         | •     | —      | •                    | —                | —      | —      | —        | • | • | R&C     | 2011    |      |
| Peabody Energy             | Shoal Creek                | 2,220    | 12.00%        | < 1.2   | —                    | —             | •  | •            | —    | —     | —                 | —  | —  | •         | —     | —      | •                    | —                | —      | —      | —        | • | — | IR      | 1992    |      |
| Warrior Met Coal           | JWR No. 4                  | 1,300    | —             | —       | 2010                 | •             | —  | —            | •    | •     | •                 | —  | —  | •         | •     | —      | •                    | —                | —      | —      | —        | • | — | Mc/Tag  | 1976    |      |
| Warrior Met Coal           | JWR No. 5 (Idle)           | 1,000    | —             | —       | 2008                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | •      | —                    | •                | —      | —      | —        | • | — | Mc/Tag  | 1976    |      |
| Warrior Met Coal           | JWR No. 7                  | 1,400    | —             | —       | 2012                 | •             | —  | —            | —    | •     | —                 | —  | —  | •         | •     | —      | •                    | —                | —      | —      | —        | • | — | Mc/Tag  | 1978    |      |
| Colorado (5)               |                            |          |               |         |                      |               |    |              |      |       |                   |    |    |           |       |        |                      |                  |        |        |          |   |   |         |         |      |
| Allegiance Coal            | New Elk (Idle)             | 600      | —             | < 1.2   | 2012                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | •      | —      | —        | • | — | —       | —       |      |
| Arch Resources             | West Elk                   | 700      | —             | —       | —                    | •             | —  | —            | •    | —     | —                 | —  | —  | —         | —     | —      | •                    | —                | —      | —      | —        | • | — | Tag     | 2010    |      |
| Blue Mountain Energy       | Deserado                   | 800      | 8.00%         | < 1.2   | 2017                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | •      | —      | —        | • | — | Mc      | 1983    |      |
| Peabody Energy             | Twentymile                 | 2,000    | —             | —       | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | •      | —      | —        | • | — | Tag     | 2008    |      |
| Wolverine Fuels            | Bowie (Idle)               | 650      | 5.50%         | < 1.2   | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | • | — | Dan     | 2004    |      |
| Illinois (11)              |                            |          |               |         |                      |               |    |              |      |       |                   |    |    |           |       |        |                      |                  |        |        |          |   |   |         |         |      |
| Alliance Resource Partners | Hamilton County            | 2,000    | 9.00%         | —       | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | •      | •                    | •                | —      | —      | —        | • | — | GMC     | 2013    |      |
| Alliance Resource Partners | Pattiki (Idle)             | 1,200    | 7.00%         | > 2.5   | 2003                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | •      | •      | —        | • | • | —       | FMC     | 1982 |
| Foresight Energy           | Deer Run                   | 2,000    | 9.00%         | > 2.5   | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | •      | •                    | •                | —      | —      | —        | — | — | CDG     | 2011    |      |
| Foresight Energy           | Pond Creek-Mach            | 2,250    | 7.80%         | 2.5     | 2022                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | •      | •                    | •                | —      | —      | —        | • | — | CDG     | 2006    |      |
| Foresight Energy           | Shay (Idle)                | 850      | 8.00%         | 3.5     | 2009                 | •             | —  | —            | •    | —     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | • | — | Mc      | 1970    |      |
| Foresight Energy           | Sugar Camp                 | 4,200    | 9.00%         | 2.5     | 2014                 | •             | —  | —            | •    | —     | —                 | —  | —  | —         | •     | •      | •                    | •                | —      | —      | —        | • | — | CDG     | 2011    |      |
| Knight Hawk Coal           | Creek Paum                 | 550      | —             | —       | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | • | — | Tag     | 2000    |      |
| Knight Hawk Coal           | Prairie Eagle              | 850      | —             | —       | 2012                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | •      | •                    | —                | —      | •      | —        | — | — | Tag     | 2005    |      |
| Knight Hawk Coal           | Red Hawk                   | 250      | —             | —       | —                    | —             | •  | •            | —    | —     | —                 | —  | —  | —         | —     | —      | —                    | —                | —      | —      | —        | — | — | —       | —       |      |
| Knight Hawk Coal           | Viper                      | 700      | 9.00%         | > 2.5   | 2015                 | •             | —  | —            | •    | —     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | • | — | R&S     | 1982    |      |
| Peabody Energy             | Gateway                    | 1,000    | —             | —       | 1998                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | •      | —                    | —                | •      | —      | —        | • | — | R&S/Tag | 1976    |      |
| Indiana (12)               |                            |          |               |         |                      |               |    |              |      |       |                   |    |    |           |       |        |                      |                  |        |        |          |   |   |         |         |      |
| Alliance Resource Partners | Gibson County North (Idle) | 950      | 7.00%         | 1.2-2.5 | 2014                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | •      | —      | —        | • | • | —       | Dan     | 2000 |
| Alliance Resource Partners | Gibson County South        | 2,000    | 7.00%         | 1.2-2.5 | 2022                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | •      | •                    | •                | —      | —      | —        | • | — | GMC     | 2014    |      |
| Blackhawk Mining           | Augusta (Idle)             | 250      | —             | > 2.5   | 2010                 | —             | •  | •            | —    | —     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | • | — | Co      | 2002    |      |
| Blackhawk Mining           | Freelandville No. 2 (Idle) | 400      | 8.00%         | > 2.5   | 2010                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | • | — | Co      | 2005    |      |
| Blackhawk Mining           | Log Creek (Idle)           | 600      | 8.50%         | > 2.5   | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | • | — | Dan     | 2011    |      |
| Lexington Coal Holdings    | Kindill No. 2 (Idle)       | 1,200    | —             | —       | —                    | —             | —  | —            | —    | —     | —                 | —  | —  | —         | —     | —      | —                    | —                | —      | —      | —        | — | — | R&S     | 1951    |      |
| Lexington Coal Holdings    | Sycamore (Idle)            | 400      | 10.50%        | > 2.5   | 1997                 | •             | •  | —            | •    | —     | —                 | —  | —  | —         | —     | —      | —                    | •                | —      | —      | —        | • | • | CPE     | 1982    |      |
| Peabody Energy             | Bear Run                   | 1,600    | —             | —       | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | •      | —      | —        | • | — | Tag     | 2010    |      |
| Peabody Energy             | Francisco                  | 650      | —             | —       | 2008                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | • | — | Dan     | 1997    |      |
| Solar Sources              | Carbondale                 | 400      | —             | —       | 1985                 | —             | •  | —            | —    | •     | —                 | —  | —  | —         | —     | —      | —                    | •                | —      | —      | —        | — | — | Dan     | 1985    |      |
| Sunrise Coal               | Carlisle (Idle)            | 900      | —             | > 2.5   | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | • | — | Dan/ACS | 2007    |      |
| Sunrise Coal               | Oaktown                    | 1,600    | —             | > 2.5   | 2016                 | •             | —  | —            | —    | •     | —                 | —  | —  | •         | •     | —      | —                    | •                | •      | •      | —        | • | — | Pow     | 2008    |      |
| Kentucky (58)              |                            |          |               |         |                      |               |    |              |      |       |                   |    |    |           |       |        |                      |                  |        |        |          |   |   |         |         |      |
| Alliance Resource Partners | Dodge Hill (Idle)          | 300      | —             | —       | —                    | —             | —  | •            | —    | —     | —                 | —  | —  | •         | •     | —      | •                    | —                | —      | —      | —        | • | • | —       | GMC     | —    |
| Alliance Resource Partners | Dotiki (Idle)              | 2,000    | 8.00%         | > 2.5   | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | •      | •                    | •                | —      | —      | —        | — | • | —       | GMC/Mc  | 2011 |
| Alliance Resource Partners | Elk Creek (Idle)           | 1,200    | 8.00%         | > 2.5   | —                    | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | — | • | —       | GMC     | 2006 |
| Alliance Resource Partners | MC Mining                  | 1,000    | 8.00%         | < 1.2   | 1991                 | •             | —  | —            | •    | •     | •                 | —  | —  | •         | •     | —      | •                    | —                | —      | —      | —        | • | — | —       | Liv     | 1974 |
| Alliance Resource Partners | Onton No. 9 (Idle)         | 700      | —             | —       | 2011                 | •             | —  | —            | —    | •     | —                 | —  | —  | —         | •     | •      | •                    | •                | —      | —      | —        | — | • | —       | GMC     | 2004 |
| Alliance Resource Partners | River View                 | 3,000    | 9.50%         | > 2.5   | 2015                 | —             | —  | —            | —    | —     | —                 | —  | —  | —         | •     | •      | •                    | •                | —      | —      | —        | — | • | —       | GMC     | 2009 |
| Alliance Resource Partners | Warrior                    | 1,200    | 9.00%         | —       | —                    | •             | —  | —            | —    | —     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | — | • | —       | GMC     | 2008 |
| American Infrastructure    | Perry County               | 1,350    | 7.50%         | 1.2-2.5 | —                    | •             | —  | —            | •    | —     | —                 | —  | —  | —         | •     | —      | —                    | •                | •      | —      | —        | • | • | —       | Kil/Pow | 1979 |
| American Infrastructure    | Supreme (Idle)             | 450      | 10.00%        | < 1.2   | —                    | •             | —  | —            | •    | —     | —                 | —  | —  | —         | •     | —      | —                    | •                | —      | —      | —        | — | • | —       | —       | —    |

| Company                      | Plant Name                 | Raw Feed | Product Ash % | Quality | Year of Last Upgrade | Type of Plant |    | Primary Sep. |      |          | Intermediate Sep. |          |           | Fine Coal |        |        | Centrifugal Dryer(s) | Online Analyzers |   |   | Controls |     |     | Builder | Year |
|------------------------------|----------------------------|----------|---------------|---------|----------------------|---------------|----|--------------|------|----------|-------------------|----------|-----------|-----------|--------|--------|----------------------|------------------|---|---|----------|-----|-----|---------|------|
|                              |                            |          |               |         |                      | HM            | WO | Jig          | Ves. | HM Cycl. | LD Cycl.          | HM Cycl. | WO Tables | Froth     | Spiral | Column |                      | E                | M | A | Man.     | PLC | DCS |         |      |
| American Infrastructure      | Deane/Mill Creek           | 800      | 8.00%         | < 2.5   | —                    | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | —                | — | — | —        | •   | —   | R&S     | 1992 |
| American Infrastructure      | McCoy Elkhorn (Idle)       | 1,350    | 8.50%         | 1.2-2.5 | 2010                 | •             | •  | —            | •    | —        | •                 | •        | —         | —         | •      | •      | —                    | •                | — | — | •        | —   | —   | —       | 1980 |
| Apex Energy (James H. Booth) | Big Creek                  | 450      | —             | —       | —                    | •             | —  | —            | —    | —        | •                 | •        | —         | •         | •      | —      | •                    | —                | — | — | —        | —   | —   | Pow     | —    |
| Appalachian Resource Co.     | Rob Fork                   | 600      | —             | —       | —                    | •             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | Pow     | —    |
| Berkeley Energy              | Huff                       | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Blackhawk Mining             | Blue Diamond No. 64 (Idle) | 900      | 7.00%         | 1.2-2.5 | 2010                 | •             | —  | —            | •    | —        | •                 | •        | —         | —         | •      | •      | —                    | •                | — | — | •        | —   | —   | Dan     | 1989 |
| Blackhawk Mining             | Leatherwood                | 1,000    | 7.00%         | 1.2-2.5 | 2006                 | •             | —  | —            | •    | •        | •                 | —        | —         | —         | •      | •      | —                    | •                | — | — | •        | •   | —   | R&S     | 1990 |
| Blue Gem Mining              | Blue Gem (Idle)            | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Bluegrass Natural Resources  | Cave Branch                | 1,800    | —             | —       | —                    | •             | —  | —            | •    | —        | •                 | —        | —         | •         | •      | —      | •                    | —                | — | — | •        | —   | —   | —       | —    |
| Bluestone Resources          | Evanston (Idle)            | 400      | —             | —       | 2007                 | •             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Bluestone Resources          | Jones Fork (Idle)          | 700      | —             | —       | 2011                 | •             | —  | —            | —    | —        | •                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Bluestone Resources          | Licking River (Idle)       | 300      | —             | —       | —                    | •             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | 2007 |
| Bluestone Resources          | Pine Mountain (Idle)       | 400      | —             | —       | 2010                 | •             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Cambrian Coal                | Bear Branch (Idle)         | 400      | —             | —       | —                    | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | •                | — | — | •        | •   | —   | Pow     | —    |
| Cambrian Coal                | Beech Fork No. 1 (Idle)    | 500      | —             | —       | —                    | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | •                | — | — | •        | •   | —   | Pow     | —    |
| Cambrian Coal                | F.M. Burke (Idle)          | 550      | 8.50%         | 1.2-2.5 | 1994                 | •             | —  | —            | •    | —        | •                 | •        | —         | •         | —      | —      | •                    | —                | — | — | •        | —   | —   | Liv     | 1980 |
| CBD Resources                | Raven (Idle)               | 800      | 10.00%        | < 1.2   | 208                  | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | •                | — | — | —        | •   | —   | Pow     | 2008 |
| Harlan Cumberland Coal       | Highsplint (Idle)          | 1,200    | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Harlan Cumberland Coal       | Totz                       | 600      | 2.00%         | < 1.2   | —                    | •             | —  | —            | •    | —        | —                 | —        | •         | —         | —      | —      | •                    | —                | — | — | •        | —   | —   | Dan     | 1976 |
| JRL Energy                   | Coalgood                   | —        | —             | —       | 2019                 | •             | —  | —            | •    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | Pow     | —    |
| Kentucky Proc. & Equip.      | Pleasant View (Idle)       | 900      | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Kingdom Coal                 | Enterprise - Roxana        | 875      | 9.00%         | 1.2-2.5 | 2009                 | •             | —  | —            | •    | —        | •                 | •        | —         | •         | •      | —      | •                    | —                | — | — | •        | •   | —   | A&T     | 1980 |
| Landmark Mining              | Landmark (idle)            | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Lexington Coal Co.           | Sidney - Big Creek (Idle)  | 1,500    | —             | —       | 1991                 | •             | —  | —            | •    | —        | •                 | —        | —         | •         | •      | —      | •                    | —                | — | — | —        | •   | —   | R&S     | 1989 |
| Lipari Energy                | Pioneer                    | 350      | —             | —       | 2010                 | —             | —  | •            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Metinvest                    | Sapphire                   | 1,100    | 8.00%         | —       | 2006                 | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | •      | •                    | —                | — | — | —        | •   | —   | Mc      | 1982 |
| Muhlenberg County Resources  | Genesis (Idle)             | 1,200    | 8.50%         | > 2.5   | —                    | •             | —  | —            | —    | •        | •                 | —        | —         | —         | •      | —      | •                    | •                | — | — | —        | •   | —   | GMC     | 2009 |
| Muhlenberg County Resources  | Midway (Idle)              | 1,200    | 8.50%         | > 2.5   | —                    | •             | —  | —            | —    | •        | •                 | —        | —         | —         | •      | —      | •                    | •                | — | — | —        | •   | —   | GMC     | 2008 |
| Muhlenberg County Resources  | Paradise No. 9 (Idle)      | 800      | 8.00%         | > 2.5   | 2011                 | •             | —  | —            | —    | •        | •                 | —        | —         | •         | •      | —      | •                    | —                | — | — | —        | •   | —   | Bays    | 2004 |
| Muhlenberg County Resources  | Pride (Idle)               | 600      | 8.50%         | > 2.5   | 2021                 | •             | —  | —            | —    | •        | •                 | —        | —         | —         | •      | •      | •                    | —                | — | • | —        | •   | —   | GMC     | 2009 |
| Nally & Hamilton Enterprises | Brookside (Idle)           | 1,200    | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | 1968 |
| NewLead Holdings             | Coal Essence               | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Oxford Mining Co.            | Schoate                    | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Paringa Resources            | Poplar Grove (Idle)        | 400      | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Pinnacle Processing          | Pevler (Idle)              | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Prairie Mining Co.           | Highland (Idle)            | 2,000    | 9.50%         | > 2.5   | —                    | •             | •  | •            | —    | —        | •                 | •        | —         | —         | —      | —      | •                    | •                | • | — | •        | —   | —   | R&S     | 1981 |
| Pristine Clean Energy        | Premier Elkhorn            | 1,100    | —             | —       | —                    | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | •                | — | — | •        | •   | —   | Pow     | —    |
| Revelation Energy            | Bell County-Hignite (Idle) | 650      | 8.50%         | 1.2-2.5 | 2009                 | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | —                | — | — | —        | •   | —   | Dan     | 1980 |
| Revelation Energy            | Bledsoe No. 1 (Idle)       | 650      | 8.00%         | 1.2-2.5 | 2009                 | •             | —  | —            | •    | —        | •                 | •        | —         | —         | •      | —      | •                    | —                | — | — | —        | —   | —   | Peters  | 1985 |
| Revelation Energy            | Red Bird (Idle)            | 500      | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Revelation Energy            | Shamrock Beechfork (Idle)  | 1,400    | 8.50%         | 1.2-2.5 | 2010                 | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | —                | — | — | —        | •   | —   | Pow     | 1990 |
| Richmond Hill                | Clintwood Elkhorn No. 2    | 650      | —             | —       | —                    | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | •                | — | — | •        | •   | —   | Pow     | —    |
| Sequoia Energy               | Sequoia                    | 750      | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | Pow     | —    |
| Star Ridge Mining            | Star Ridge                 | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Sunny Ridge Enterprises      | Sunny Ridge                | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Tahita Energy, Inc.          | Spurlock (Idle)            | 900      | —             | —       | —                    | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | —                | — | — | —        | •   | —   | Tag     | 2007 |
| Tahita Energy, Inc.          | Ivel (Idle)                | 500      | —             | —       | 2007                 | •             | —  | —            | •    | —        | •                 | —        | —         | —         | •      | —      | •                    | —                | — | — | —        | •   | —   | Tag     | —    |
| Vision Mining                | Vision No. 9 (Idle)        | 250      | —             | —       | 2004                 | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | •   | —   | Erwin   | —    |
| Western Kentucky Minerals    | Joe's Run Processing       | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —        | —         | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —    |
| Maryland (1)                 |                            |          |               |         |                      |               |    |              |      |          |                   |          |           |           |        |        |                      |                  |   |   |          |     |     |         |      |
| Alliance Resource Partners   | Mettki                     | 1,350    | 6.00%         | —       | —                    | —             | —  | —            | —    | —        | •                 | •        | —         | •         | •      | —      | •                    | —                | — | — | •        | —   | —   | Mc      | 1978 |

| Company                           | Plant Name         | Raw Feed | Product Ash % | Quality | Year of Last Upgrade | Type of Plant |    | Primary Sep. |      |          | Intermediate Sep. |    |    | Fine Coal |       |        | Centrifugal Dryer(s) | Online Analyzers |   |   | Controls |      |         | Builder | Year |
|-----------------------------------|--------------------|----------|---------------|---------|----------------------|---------------|----|--------------|------|----------|-------------------|----|----|-----------|-------|--------|----------------------|------------------|---|---|----------|------|---------|---------|------|
|                                   |                    |          |               |         |                      | HM            | WO | Jig          | Ves. | HM Cycl. | LD Cycl.          | HM | WO | Tables    | Froth | Spiral |                      | Column           | E | M | A        | Man. | PLC     |         |      |
| Montana (1)                       |                    |          |               |         |                      |               |    |              |      |          |                   |    |    |           |       |        |                      |                  |   |   |          |      |         |         |      |
| Signal Peak Energy                | Black Otter        | 2,000    | —             | —       | 2017                 | •             | —  | —            | —    | •        | —                 | —  | —  | —         | •     | —      | •                    | —                | — | — | •        | —    | Tag     | 2009    |      |
| Ohio (8)                          |                    |          |               |         |                      |               |    |              |      |          |                   |    |    |           |       |        |                      |                  |   |   |          |      |         |         |      |
| ACNR                              | Star Ridge (Idle)  | 425      | 8.00%         | > 2.5   | —                    | •             | —  | —            | —    | •        | —                 | —  | —  | —         | •     | —      | •                    | —                | — | — | •        | —    | LCE     | 2007    |      |
| Belmont County Coal (ACNR)        | Century (Idle)     | 3,000    | 8.50%         | > 2.5   | 2012                 | •             | —  | —            | —    | •        | •                 | —  | —  | —         | •     | •      | •                    | —                | — | — | •        | —    | A&T/LCE | 2002    |      |
| Oxford Mining Co.                 | Conesville (Idle)  | 800      | —             | —       | 2015                 | •             | •  | •            | —    | —        | •                 | •  | —  | •         | —     | —      | —                    | —                | — | — | —        | —    | NH/ACS  | 1984    |      |
| Kimble Clay & Limestone           | Stonecreek         | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Leesville Land                    | Nelms              | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Carbon River Coal                 | Sands Hill         | 300      | —             | —       | —                    | —             | —  | —            | —    | —        | •                 | •  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Rosebud Mining                    | Tusky              | 300      | 8.50%         | 2.75    | —                    | •             | —  | —            | —    | •        | —                 | —  | —  | —         | •     | —      | •                    | —                | — | — | •        | —    | Tag     | 2008    |      |
| State Line Resources              | Negley (Idle)      | 200      | —             | —       | —                    | •             | —  | —            | •    | —        | —                 | —  | •  | —         | —     | —      | •                    | —                | — | — | —        | —    | —       | —       |      |
| Pennsylvania-Anthracite (17)      |                    |          |               |         |                      |               |    |              |      |          |                   |    |    |           |       |        |                      |                  |   |   |          |      |         |         |      |
| Blaschak Anthracite               | Blaschak           | 200      | 9.00%         | —       | 2021                 | •             | —  | —            | •    | •        | —                 | —  | —  | —         | •     | —      | —                    | —                | — | — | •        | —    | Wil     | 1947    |      |
| Blaschak Anthracite               | Latimer            | 200      | 8.00%         | —       | 2011                 | •             | —  | —            | —    | •        | —                 | —  | —  | —         | •     | —      | —                    | —                | — | — | •        | —    | Lin     | 1975    |      |
| Calvin V. Lenig                   | Coal Prep          | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Carbon & Metal Tech               | Pine Creek         | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| D Dale Lenig                      | Dale Lenig         | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Delta Dunia                       | Stockton           | 125      | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Delta Dunia                       | Hazleton Shaft     | 250      | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Gale Mining Co.                   | Ginther            | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Lehigh Anthracite                 | Greenwood          | 300      | —             | —       | —                    | •             | —  | —            | •    | —        | •                 | —  | —  | —         | •     | —      | —                    | —                | — | — | —        | —    | Wil     | 1962    |      |
| Lenig & Kosmer                    | Glenn Lenig        | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Meadowbrook Coal Co.              | Meadowbrook        | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Molesvich & Sons Construction Co. | Atlas              | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| PAC 23 Mining Co                  | Split Vein         | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Reading Anthracite                | New St. Nicholas   | 1,000    | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | 1963    |      |
| Schuylkill Coal                   | Schuylkill         | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Sherman Coal Co.                  | Sherman            | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Superior Coal Prep                | Superior           | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Pennsylvania-Bituminous (21)      |                    |          |               |         |                      |               |    |              |      |          |                   |    |    |           |       |        |                      |                  |   |   |          |      |         |         |      |
| ACNR                              | Eighty Four (Idle) | 1,000    | 7.00%         | < 2.5   | —                    | •             | —  | —            | •    | —        | •                 | •  | —  | •         | •     | —      | •                    | •                | • | — | •        | —    | F&P     | 1996    |      |
| CONSOL Energy                     | Bailey Central     | 8,200    | 8.00%         | < 2.5   | 2013                 | —             | —  | —            | —    | •        | —                 | —  | —  | •         | •     | —      | •                    | •                | • | — | •        | •    | R&S     | 1983    |      |
| Corsa Coal                        | Cambria            | 325      | < 9.00%       | < 1.2   | —                    | •             | —  | —            | —    | •        | —                 | •  | —  | —         | •     | —      | •                    | —                | — | — | •        | —    | Tag     | 2009    |      |
| Corsa Coal                        | Rockwood (Idle)    | 325      | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Corsa Coal                        | Shade Creek (Idle) | 450      | < 12.00%      | < 1.8   | 2008                 | •             | —  | —            | •    | •        | •                 | —  | —  | —         | •     | —      | —                    | —                | — | — | •        | —    | Tag     | 1966    |      |
| Homer City Processing             | Homer City         | 1,200    | 12.00%        | < 2.5   | 1996                 | •             | —  | —            | —    | •        | •                 | —  | —  | •         | •     | —      | •                    | •                | • | — | •        | —    | H&P     | 1978    |      |
| ICS Energy Group LLC              | Wilson Creek       | 400      | 6.00%-9.00%   | < 1.2   | —                    | •             | —  | —            | —    | •        | —                 | —  | —  | —         | •     | •      | •                    | —                | — | — | •        | —    | Tag     | 2011    |      |
| Iron Senergy                      | Cumberland         | 1,600    | 8.25%         | > 2.5   | 1996                 | •             | —  | —            | •    | —        | •                 | —  | —  | •         | •     | —      | •                    | •                | • | — | •        | —    | Dvo     | 1978    |      |
| Jericho Fuels                     | Tipple 4J          | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Jill Mining                       | Cannard Tipple     | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Original Fuels                    | Original Fuels     | 650      | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| Piney Creek                       | Piney Creek (Idle) | —        | —             | —       | —                    | —             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | —       |      |
| River Hill Coal                   | Tosco              | 350      | 8.00%         | < 1.2   | 2008                 | •             | —  | —            | —    | —        | —                 | —  | —  | —         | —     | —      | —                    | —                | — | — | —        | —    | —       | 1976    |      |
| Robindale                         | RES Plant          | 300      | 8.00%         | < 1.2   | —                    | •             | —  | —            | —    | •        | —                 | —  | —  | •         | •     | —      | •                    | —                | — | — | •        | —    | Tag     | 2012    |      |
| Robindale                         | Laurel             | 400      | —             | —       | 2023                 | •             | —  | —            | —    | •        | —                 | —  | —  | •         | •     | —      | •                    | —                | — | — | •        | —    | H22OS   | 2019    |      |
| Rosebud Mining                    | Clymer             | 275      | 6.50%-8.75%   | < 1.2   | 2022                 | •             | —  | —            | •    | —        | —                 | —  | •  | •         | •     | —      | •                    | —                | — | — | •        | —    | —       | 1976    |      |
| Rosebud Mining                    | Crooked Creek      | 500      | 7.50%-8.50%   | < 1.2   | 2022                 | •             | —  | —            | —    | •        | —                 | —  | —  | •         | •     | —      | •                    | —                | — | — | •        | —    | —       | 2020    |      |
| Rosebud Mining                    | Dutch Run          | 400      | 6.50%-8.75%   | < 1.2   | 2011                 | •             | —  | —            | —    | •        | —                 | —  | —  | •         | •     | —      | •                    | —                | — | — | —        | —    | Co      | 1990    |      |
| Rosebud Mining                    | Lady Jane          | 300      | 6.50%-8.75%   | < 1.2   | 2005                 | —             | •  | •            | —    | —        | —                 | —  | —  | •         | •     | —      | •                    | —                | — | — | •        | —    | —       | 1976    |      |
| Rosebud Mining                    | Mine 78            | 500      | 6.50%-8.75%   | < 1.2   | 2017                 | •             | —  | —            | —    | •        | —                 | •  | —  | •         | •     | —      | •                    | —                | — | — | —        | •    | —       | 2008    |      |
| Rosebud Mining                    | Portage            | 300      | 6.50%-8.75%   | < 1.2   | 2017                 | •             | —  | —            | •    | —        | —                 | •  | —  | •         | •     | —      | •                    | —                | — | — | —        | •    | —       | Mc      | 1972 |

|                               |                               | Raw   | Product      |         | Year of      | Type of Plant | Primary Sep.   | Intermediate Sep.           |  | Fine Coal           | Centrifugal | Online          |  | Controls     |         |      |
|-------------------------------|-------------------------------|-------|--------------|---------|--------------|---------------|----------------|-----------------------------|--|---------------------|-------------|-----------------|--|--------------|---------|------|
| Company                       | Plant Name                    | Feed  | Ash %        | Quality | Last Upgrade | HM WO         | Jig Ves. Cycl. | LD HM WO Cycl. Cycl. Tables |  | Froth Spiral Column | Dryer(s)    | Analyzers E M A |  | Man. PLC DCS | Builder | Year |
| Tennessee (3)                 |                               |       |              |         |              |               |                |                             |  |                     |             |                 |  |              |         |      |
| Bluestone Resources           | Baldwin (Idle)                | 400   |              |         | 2012         | • —           | — — —          | — — —                       |  | • — —               | —           | — — —           |  | — — —        | —       | —    |
| Kopper Glo Mining             | Kopper Glo                    | —     | —            | —       | —            | — —           | — — —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | —       | —    |
| Mountainside Coal Co.         | Mountainside                  | —     | —            | —       | —            | — —           | — — —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | —       | —    |
| Utah (3)                      |                               |       |              |         |              |               |                |                             |  |                     |             |                 |  |              |         |      |
| ACNR                          | West Ridge                    | 600   | —            | —       | —            | — —           | — — —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | —       | —    |
| Wolverine Fuels               | Castle Valley                 | 500   | 11.00%       | —       | 2005         |               |                |                             |  |                     |             |                 |  |              | Centry  | 2005 |
| Wolverine Fuels               | Hunter                        | —     | —            | —       | —            | — —           | — — —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | —       | —    |
| Virginia (18)                 |                               |       |              |         |              |               |                |                             |  |                     |             |                 |  |              |         |      |
| Alpha Metallurgical Resources | McClure River                 | 1,100 | 7.80%-12.00% | < 1.0   | 2019         | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | • • •        | Dan/Pow | 1979 |
| Alpha Metallurgical Resources | Toms Creek                    | 1,100 | 7.00%-12.00% | 1.2-2.5 | 2004         | • —           | — • —          | • • —                       |  | • • •               | •           | — — —           |  | — • —        | Dan/Tag | 1980 |
| Bluestone Resources           | Ramsey (Idle)                 | 650   | —            | —       | 2011         | •             | — — —          | — — —                       |  | • — —               | —           | — — —           |  | — — —        | —       | —    |
| Bluestone Resources           | Sigmon (Idle)                 | 400   | —            | —       | 2010         | • —           | — — —          | — — —                       |  | • — —               | —           | — — —           |  | — — —        | —       | —    |
| Coking Coal LLC               | Pardee                        | 750   | 8.20%        | < 1.2   | 2005         | • —           | — • •          | — • —                       |  | • • •               | •           | • — —           |  | — • —        | Pow     | 1995 |
| Coronado Coal                 | Buchanan                      | 1,300 | 5.00%        | < 1.2   | 2007         | • —           | — • —          | • — —                       |  | • — —               | •           | • — —           |  | • • •        | IE      | 1984 |
| G&B Processing                | No. 1 Tipple                  | —     | —            | —       | —            | — —           | — — —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | —       | —    |
| INMET Mining                  | Lone Mountain                 | 1,150 | 6.00%        | < 1.2   | 2004         | • —           | — • •          | • — —                       |  | • • •               | •           | • • •           |  | — • —        | Pow     | 1981 |
| INMET Mining                  | Pigeon Creek (Idle)           | 1,400 | —            | —       | —            | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | — • —        | Pow     | —    |
| Maven Energy                  | Maven No. 1                   | —     | —            | —       | —            | — —           | — — —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | —       | —    |
| Metinvest                     | Nora (Idle)                   | 400   | 8.00%        | —       | —            | • —           | — • —          | • — —                       |  | • — —               | •           | — — —           |  | • — —        | Pow     | 1981 |
| Metinvest                     | Wellmore No. 8                | 1,000 | 7.00%        | —       | 2011         | • —           | — — —          | • — •                       |  | • • —               | •           | — — —           |  | — • —        | Pow     | 1978 |
| Ramaco Resources              | Berwind                       | 600   | 5.00%        | < 1.2   | —            | • —           | — • —          | • — —                       |  | • — —               | •           | — — —           |  | • — •        | Co      | 1978 |
| Ramaco Resources              | Knox Creek                    | 650   | —            | —       | 2010         | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | • • —        | Pow     | 1978 |
| Red River Coal                | Red River No. 1               | —     | —            | —       | —            | — —           | — — —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | Poe     | —    |
| Red River Coal                | Stoker                        | —     | —            | —       | —            | — —           | — — —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | —       | —    |
| Richmond Hill                 | Clintwood Elkhorn No. 3       | 650   | —            | —       | —            | • —           | — • —          | • — —                       |  | — • —               | •           | • — —           |  | • • —        | —       | —    |
| SunCoke Energy                | Coronet Jewell                | 900   | 6.80%        | < 1.2   | —            | • —           | — • —          | • — —                       |  | • — —               | —           | — — •           |  | • • —        | Liv     | —    |
| West Virginia (65)            |                               |       |              |         |              |               |                |                             |  |                     |             |                 |  |              |         |      |
| Active Resources              | Hampden                       | 600   | < 4.00%      | < 1.2   | —            | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | • — —        | Peters  | —    |
| Allegheny Metallurgical       | High Carbon Processing        | 1,400 | 7.50%        | <1.05   | —            | • —           | — • •          | — • —                       |  | — • •               | •           | • — —           |  | — • —        | Pow     | 2023 |
| Alliance Resource Partners    | Tunnel Ridge                  | 1,800 | 8.00%        |         |              | • —           | — • •          | • — —                       |  | — • •               | •           | — — —           |  | — • —        | Tag     | 2010 |
| Alpha Metallurgical Resources | Chess Processing              | 2,200 | 7.00%        | <1.75   | 2023         | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | — • —        | Daniels | 1980 |
| Alpha Metallurgical Resources | Homer III/Black Castle (Idle) | 800   | 13.00%       | < 1.2   | 2008         | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | — • —        | Pow     | 2008 |
| Alpha Metallurgical Resources | Kepler                        | 900   | 6.50%        | < 0.75  | 2024         | • —           | — • —          | • — —                       |  | • • —               | •           | — • •           |  | • • —        | H&P     | 1968 |
| Alpha Metallurgical Resources | Kingston                      | 700   | 6.50%        | 0.8     | 2024         | • —           | — • —          | 6.50% —                     |  | • • —               | •           | — — •           |  | — • —        | —       | 1974 |
| Alpha Metallurgical Resources | Litwar (Idle)                 | 450   | 5.50%-6.00%  | —       | 2010         | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | • — —        | Liv     | 1980 |
| Alpha Metallurgical Resources | Mammoth                       | 1,200 | 7.00%        | 0.8     | 2008         | • —           | — • —          | • — —                       |  | — • •               | •           | — — —           |  | — • —        | —       | 1950 |
| Alpha Metallurgical Resources | Marfork                       | 2,400 | 6.75%        | < 1.5   | 2023         | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | — • —        | Pow     | 1994 |
| Alpha Metallurgical Resources | Power Mountain                | 1,200 | 7.50%        | < 1.0   | 2010         | • —           | — • —          | 7.50% —                     |  | • • •               | •           | — — —           |  | — • —        | R&S/Pow | 1985 |
| Alpha Metallurgical Resources | Rum Creek/Bandmill            | 1,200 | 7.75%        | < 1.1   | 2010         | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | — • —        | Pow     | 2010 |
| ACNR                          | Harrison County               | 1,500 | 10.00%       | > 2.5   | —            | • —           | — • —          | • • —                       |  | • • —               | •           | • — —           |  | — • —        | F&P     | 2006 |
| ACNR                          | Marion County                 | 1,400 | 8.50%        | > 2.5   | —            | • —           | — • —          | • • —                       |  | • • —               | •           | — — —           |  | — • —        | Far     | 1970 |
| ACNR                          | Marshall County               | 2,800 | 9.50%        | > 2.5   | —            | • —           | — • —          | 9.50% —                     |  | • • —               | •           | • — —           |  | — • —        | F&P     | 2002 |
| ACNR                          | Monongalia County (Idle)      | 1,500 | 8.00%        | > 2.5   | 2000         | • —           | • • —          | • — —                       |  | • • —               | •           | — — —           |  | • • —        | Liv     | 1970 |
| ACNR                          | Ohio County                   | 1,800 | 9.50%        | > 2.5   | 2015         | • —           | — • —          | 9.50% —                     |  | • • —               | •           | • — —           |  | • • —        | Co      | 1967 |
| Arch Resources                | Beckley                       | 600   | 7.50%        | < 1.0   | 2018         | • —           | — • —          | • — —                       |  | • • —               | •           | • • •           |  | — • —        | Pow     | 2007 |
| Arch Resources                | Cardinal                      | 1,400 | 7.00%        | < 1.05  | 2015         | • —           | — • —          | 7.00% —                     |  | • • •               | •           | • — —           |  | — • —        | IR      | 2006 |
| Arch Resources                | Leer                          | 1,400 | 7.00%        | < 1.05  | 2012         | • —           | — — •          | • — —                       |  | • • —               | •           | • — —           |  | — • —        | Pow     | 2012 |
| Arch Resources                | Sentinel                      | 1,600 | 7.50%        | < 1.1   | 2021         | • —           | — • —          | • — —                       |  | • • —               | •           | — — —           |  | • — —        | R&S/Pow | 1972 |
| Argus Energy (Cliffs)         | Kiah Creek (Idle)             | 400   | —            | —       | —            | • —           | — • —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | —       | —    |
| Award Development             | Slaughter Creek (Idle)        | —     | —            | —       | —            | — —           | — — —          | — — —                       |  | — — —               | —           | — — —           |  | — — —        | —       | —    |

| Company                      | Plant Name               | Raw Feed | Product Ash % | Quality | Year of Last Upgrade | Type of Plant |    | Primary Sep. HM |      |       | Intermediate Sep. LD HM WO |       |        | Fine Coal |        |        | Centrifugal Dryer(s) | Online Analyzers |   |   | Controls |     |     | Builder | Year     |      |
|------------------------------|--------------------------|----------|---------------|---------|----------------------|---------------|----|-----------------|------|-------|----------------------------|-------|--------|-----------|--------|--------|----------------------|------------------|---|---|----------|-----|-----|---------|----------|------|
|                              |                          |          |               |         |                      | HM            | WO | Jig             | Ves. | Cycl. | Cycl.                      | Cycl. | Tables | Froth     | Spiral | Column |                      | E                | M | A | Man.     | PLC | DCS |         |          |      |
| Bay Star Coal Co.            | Big Creek                | —        | —             | —       | —                    | —             | —  | —               | —    | —     | —                          | —     | —      | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       |          |      |
| Bens Creek                   | Glen Alum                | —        | —             | —       | —                    | —             | —  | —               | —    | —     | —                          | —     | —      | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       |          |      |
| Blackhawk Mining             | Blue Creek               | 900      | —             | —       | —                    | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | —      | •                    | —                | — | — | —        | •   | —   | Tag     | 2009     |      |
| Blackhawk Mining             | Fanco (Idle)             | 650      | 10.00%        | < 1.2   | 2004                 | •             | —  | —               | —    | •     | —                          | •     | —      | —         | —      | •      | —                    | •                | • | • | —        | •   | —   | Brooks  | 1994     |      |
| Blackhawk Mining             | Kanawha Eagle            | 800      | 6.00%         | < 1.2   | 2001                 | •             | —  | —               | —    | —     | •                          | —     | —      | —         | —      | •      | —                    | —                | — | — | —        | •   | —   | Tag     | 2000     |      |
| Blackhawk Mining             | Katie                    | 400      | 7.00%         | < 1.2   | 2008                 | •             | —  | —               | —    | •     | —                          | —     | •      | —         | —      | •      | •                    | —                | — | — | —        | •   | —   | Tag     | 1980     |      |
| Blackhawk Mining             | Panther                  | 1,200    | 10.00%        | < 1.2   | 2005                 | •             | —  | —               | —    | •     | •                          | —     | —      | •         | —      | —      | •                    | —                | — | — | —        | •   | —   | —       | 1996     |      |
| Blackhawk Mining             | Rocklick                 | 2,800    | 9.00%         | 1.2-2.5 | 2000                 | •             | —  | —               | —    | •     | —                          | •     | —      | —         | —      | •      | •                    | —                | — | — | —        | •   | —   | R&S     | 1986     |      |
| Blackhawk Mining             | Toms Fork                | 700      | 13.00%        | 1.2-2.5 | 2004                 | •             | —  | —               | —    | —     | •                          | —     | —      | —         | —      | •      | —                    | •                | • | • | —        | •   | —   | Dan/Pow | 1995     |      |
| Blackhawk Mining             | Wells (Idle)             | 1,200    | 8.00%         | 1.2-2.5 | 2000                 | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | —      | —                    | •                | — | • | •        | •   | —   | R&S     | 1978     |      |
| Bluestone Resources          | Bishop                   | 650      | 8.00%         | —       | —                    | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | •   | —   | Tag     | 2013     |      |
| Blackhawk Mining             | Katie                    | 400      | 7.00%         | < 1.2   | 2008                 | •             | —  | —               | —    | •     | —                          | —     | •      | —         | —      | •      | •                    | —                | — | — | —        | •   | —   | Tag     | 1980     |      |
| Bluestone Resources          | Keystone No. 1 (Idle)    | 400      | —             | —       | 2004                 | •             | —  | —               | —    | —     | •                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | •   | —   | Tag     | 2007     |      |
| Bluestone Resources          | Keystone No. 2 (Idle)    | 450      | —             | —       | —                    | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | •                    | •                | — | — | —        | •   | —   | —       | —        |      |
| Bluestone Resources          | Pinnacle                 | 1,250    | —             | —       | 2019                 | •             | —  | —               | —    | •     | •                          | —     | —      | •         | —      | —      | —                    | —                | • | • | •        | —   | —   | A&G     | —        |      |
| Bluestone Resources          | Red Fox (Idle)           | 300      | —             | —       | —                    | •             | —  | —               | —    | —     | •                          | —     | —      | —         | •      | —      | —                    | —                | — | — | —        | •   | —   | Tag     | 2006     |      |
| Condor Holdings LLC          | Holden 22                | 550      | 11.00%        | < 1.2   | 2005                 | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | —      | —                    | •                | — | — | —        | •   | —   | Liv     | —        |      |
| Condor Holdings LLC          | Ragland                  | —        | —             | —       | —                    | —             | —  | —               | —    | —     | —                          | —     | —      | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —        |      |
| CONSOL Energy                | Itmann                   | 600      | 8.00%         | < 1.0   | —                    | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | Raw      | 2022 |
| Coronado Coal                | Mountaineer Pocahontas   | 600      | —             | —       | 2012                 | •             | —  | —               | —    | —     | •                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | Tag      | 2007 |
| Coronado Coal                | Saunders                 | 900      | —             | —       | —                    | •             | —  | —               | —    | •     | —                          | —     | —      | —         | —      | •      | •                    | •                | • | — | —        | —   | —   | •       | Tag      | 2009 |
| Edwight Processing LLC       | Goals (Idle)             | 600      | 6.00%         | —       | 2001                 | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | —        | —    |
| ERP Environmental Fund       | Big Mountain (Idle)      | 900      | 12.00%        | < 2.5   | 1998                 | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | —        | 1975 |
| Frasure Creek Mining (Essar) | Deep Water               | —        | —             | —       | —                    | —             | —  | —               | —    | —     | —                          | —     | —      | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —        | —    |
| JSW Steel                    | Caretta                  | 500      | —             | —       | —                    | —             | —  | —               | —    | —     | —                          | —     | —      | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | Dan     | 2017     |      |
| Lexington Coal Co.           | Black Bear               | 1,800    | 6.20%-9.10%   | < 1.2   | 2004                 | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | R&S      | 1992 |
| Lexington Coal Co.           | Dingess                  | —        | —             | —       | —                    | —             | —  | —               | —    | —     | —                          | —     | —      | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —        | —    |
| Lexington Coal Co.           | Sprouse Creek (Idle)     | 1,400    | —             | —       | —                    | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | Dan/Pow  | 1978 |
| Metinvest                    | Affinity                 | 550      | 8.00%         | —       | —                    | •             | —  | —               | —    | —     | •                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | Tag      | 2011 |
| Metinvest                    | East Gulf (Idle)         | 600      | 6.75%         | —       | 2007                 | •             | —  | —               | —    | —     | •                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | R&S/Pow  | 1952 |
| Metinvest                    | Star Bridge              | 500      | 9.00%         | —       | —                    | •             | —  | —               | —    | —     | —                          | •     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | Ind      | 2006 |
| Phoenix Federal No. 2        | Federal No. 2 (Idle)     | 1,300    | 6.70%         | 1.2-2.5 | 1998                 | •             | •  | —               | —    | •     | —                          | •     | —      | —         | •      | —      | —                    | •                | • | • | —        | —   | •   | —       | R&S      | 1968 |
| Prime Processing (Cliffs)    | Eckman                   | 500      | —             | —       | 2011                 | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | •                    | •                | — | — | —        | —   | •   | —       | Tag      | 2007 |
| Pocahontas Processing LLC    | Delbarton                | 600      | 8.50%         | < 1.0   | 1984                 | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | Goff Bro | 1974 |
| Ramaco Resources             | Elk Creek                | 700      | —             | —       | —                    | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | Raw      | 2017 |
| Rhino Resource Partners      | Tug Fork                 | 1,800    | < 10.50%      | > 1.0   | 2000                 | •             | —  | —               | —    | •     | —                          | —     | —      | —         | •      | •      | —                    | •                | — | — | —        | —   | •   | —       | Pow      | 1981 |
| Screaming Eagle Coal         | Peach Orchard            | 550      | 12.00%        | < 1.2   | —                    | •             | —  | —               | —    | •     | —                          | —     | —      | —         | —      | •      | —                    | •                | — | • | —        | —   | •   | —       | L-A      | 1994 |
| Southeastern Land            | Millers Creek (Idle)     | 800      | 12.00%        | < 2.0   | 2006                 | •             | —  | —               | —    | •     | —                          | —     | —      | —         | —      | •      | —                    | —                | — | — | —        | —   | •   | —       | —        | —    |
| Superior Processing          | Superior                 | —        | —             | —       | —                    | —             | —  | —               | —    | —     | —                          | —     | —      | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —        | —    |
| White Forest Resources, Inc. | Raven Crest - Bull Creek | 300      | 8.00%-10.00%  | < 1.2   | —                    | •             | —  | —               | —    | —     | •                          | —     | —      | —         | —      | —      | —                    | •                | — | — | —        | —   | •   | —       | ACS/Raw  | 2013 |
| White Forest Resources, Inc. | South Fork - Clearco     | 300      | 6.50%         | 0.8-1.1 | —                    | •             | —  | —               | —    | —     | —                          | —     | —      | —         | —      | •      | —                    | —                | — | — | —        | —   | •   | —       | Dan      | 2013 |
| XMV (Cliffs)                 | Black Wolf (Idle)        | —        | —             | —       | —                    | —             | —  | —               | —    | —     | —                          | —     | —      | —         | —      | —      | —                    | —                | — | — | —        | —   | —   | —       | —        | —    |

Key to plant designers: A&G=Allen & Garcia, A&T=A&T Manufacturing, AIR=AIRC, Bri=Bristol Steel, CDG=Coalfield Development Group, CEE=CEE Engineering, Chil=Childress Services, CLI=CLI, Corn=Cornette Engineering, CPE=Coal Processing Engineers, Co.=designed by the mining company, Cyc=Cyclone Machine, Dan=Daniels, Dvo=Dravo, EIW=Eagle Iron Works, EIM=Eimco, Env=Envirotech, Erw=Erwin Industries, F&P=Farnham & Pfile, FMC=FMC, Far=Fairmont Machine, GMC=General Mine Contracting, H&P=Heyl & Patterson, H-S=Holmes-Shaney, Ind=Indiana Steel, IN=Industrial, IR=Industrial Resources, Int=Interstate, Jef=Jeffrey, KHD=KHD Humboldt Wedag, Jam=F.F. Jameson, Kai=Kaiser, Kil=Kilborn Engineering, L-B=Link-Belt, Lin=Lincoln Contracting, Liv=J.O. Lively, L-A=Long-Airbox, Mc=McNally Systems, MP=Minerals Processing, NH=Norton Hambleton, Nor=Norwest, Pet=Peters Equipment, Pow=Powell Construction, PM=Process Machinery, Ram=Ramsey, Raw=Raw Resources, R&S=Roberts & Schaefer, Rol=Roller, See=Seeco, Sim=Simon Carves, Tag=Taggart (DRA Global acquired Taggart), Wil=Wilmont, Wem=Wemco.

Key to header: Raw feed = capacity (tons per hour), Quality = lb-SO<sub>2</sub>/mmBtu (<1.2, low sulfur; 1.2-2.5, medium sulfur; and >2.5, high sulfur), HM=Heavy Media; WO=Water Only, LD=Large Diameter (greater than 30 inches), Cycl=Cyclones, Ves. = Vessel, Analyzers: ash, A; elemental, E; and moisture, M. Controls: Man = Manual, PLC = Programmable logic controller, and DCS = Distributed control system.

Key to coal companies: Alliance = Alliance Coal Co., AMCI = American Metals & Coal Int'l, CONSOL = CONSOL Energy, ACNR = American Consolidated Natural Resources.