CoalSwitch® Highlights

More sustainable
• Made from low-cost wood derived biocarbon from forestry & lumber operations
• Reduces life-cycle emissions of coal burning by 99%
• Double-digit reductions in NOx and SOx

Completely compatible
• Can be co-fired at any blend rate with traditional coal
• Handles like coal - transported, stored & ground in existing equipment
• Demonstrated performance without fouling

Upends traditional cost model
• Parity with coal on a Total Cost of Ownership model
• No CapEx costs for compliance
• Reduced need for offsets or penalty payments

The first premium pellet that can be blended with coal as a better biomass solution than white pellets with our increased carbon density

Performance Data from Co-firing Tests and Analysis

• AEG has established an active test program to co-fire coal and CoalSwitch®
• Proven - CoalSwitch® can be co-fired with immediate environmental and emissions benefits
• CoalSwitch® can be handled in power generation facilities with limited to zero CapEx required for reconfiguration
• CoalSwitch® provides opportunity to extend life of current coal plants and meet increasing and immediate environmental regulations.

STEP Program Partners/AEG Test Data:

| PERFORMANCE IMPACT OF CO-FIRING (75% COAL® / 25% COALSWITCH® blend) |
|-----------------|------------------|
| Calorific Value: (BTU/lb) | Achieves 93% normal heating values |
| ASH CONTENT %: | Significant reduction of ash deposits - up to 77% |
| Grindability – use on bowl mill facilities | FULLY TESTED |
| SOx / NOx Emissions | DRASTIC REDUCTIONS in both Sulfur Dioxide and Nitrogen Oxide emissions |
| Emissions | Improvement in emissions values |

Turnkey CO₂ Reduction Solution for Hard-to-Decarbonize Industries

Partner with us...
• Feedstock Supply
• Offtake/Sales
• JV/Site Development
• Technology Licensing

For more information about CoalSwitch®: www.coalswitch.us

Source: AEG 2022
About Active Energy Group

- London & NY quoted, & listed renewable energy company
  AIM:AEG
  OTCQB:ATGVF

- AEG owns the existing intellectual property for the manufacture of CoalSwitch® in the US & Canada, and all associated trademarks

- Focused on the production and development of a next generation biomass pellet – CoalSwitch®

- First Plant located in Maine, USA, under construction with first production in Q2 2023

- Industrial process has been proven to transform residual waste into high-value biomass fuel

- Positive burn test results prove CoalSwitch® has the ability to be co-fired with coal, significantly reducing emissions

- Strong and experienced management team with significant experience operating in the US and UK

Current & Future Plant Locations

- Accelerating interest in offtake opportunities for CoalSwitch® in US

Ashland Facility – a Partnership with Player Design

- The Ashland Facility is an already operational production facility for wood products
- Engineering and project planning is complete for construction of the first industrial CoalSwitch® production facility
- Constructed by Player Design, Inc.
- First commercial deliveries of CoalSwitch® expected to commence in Q2 2023

Source: AEG 2022

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