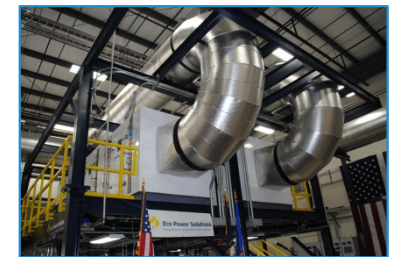


MEDIA MATERIALS

Eco POWER SOLUTIONS

Multi-Pollutant
Emissions Control Systems



CONFIDENTIAL - Eco Power Solutions
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In the U.S. alone, Power Generators will invest over \$50B in technology to control emissions from coal in the next 10 years. By 2020, 100% of U.S. based coal plants will be controlled for SO₂, Mercury, Particulate Matter and 70% for NO_x.

Eco Power Solutions' innovative technology is changing the game by reducing multiple pollutants with an all-in-one system delivering *superior performance, value and compliance*.

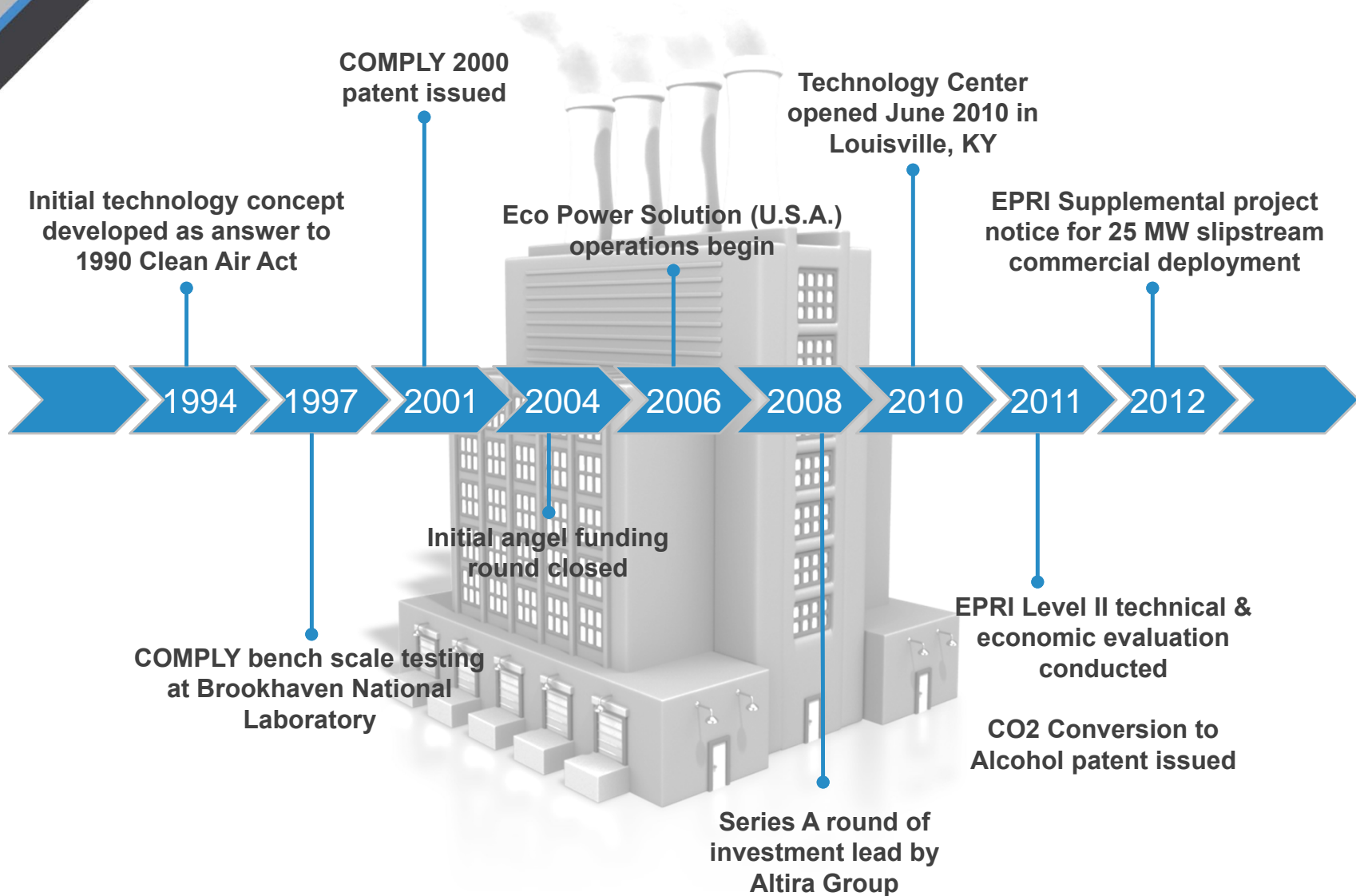
We make fossil fuels clean at the *lowest cost* on the market today.

OVERVIEW

Eco Power Solutions is dedicated to the ongoing development of advanced, clean energy technologies.

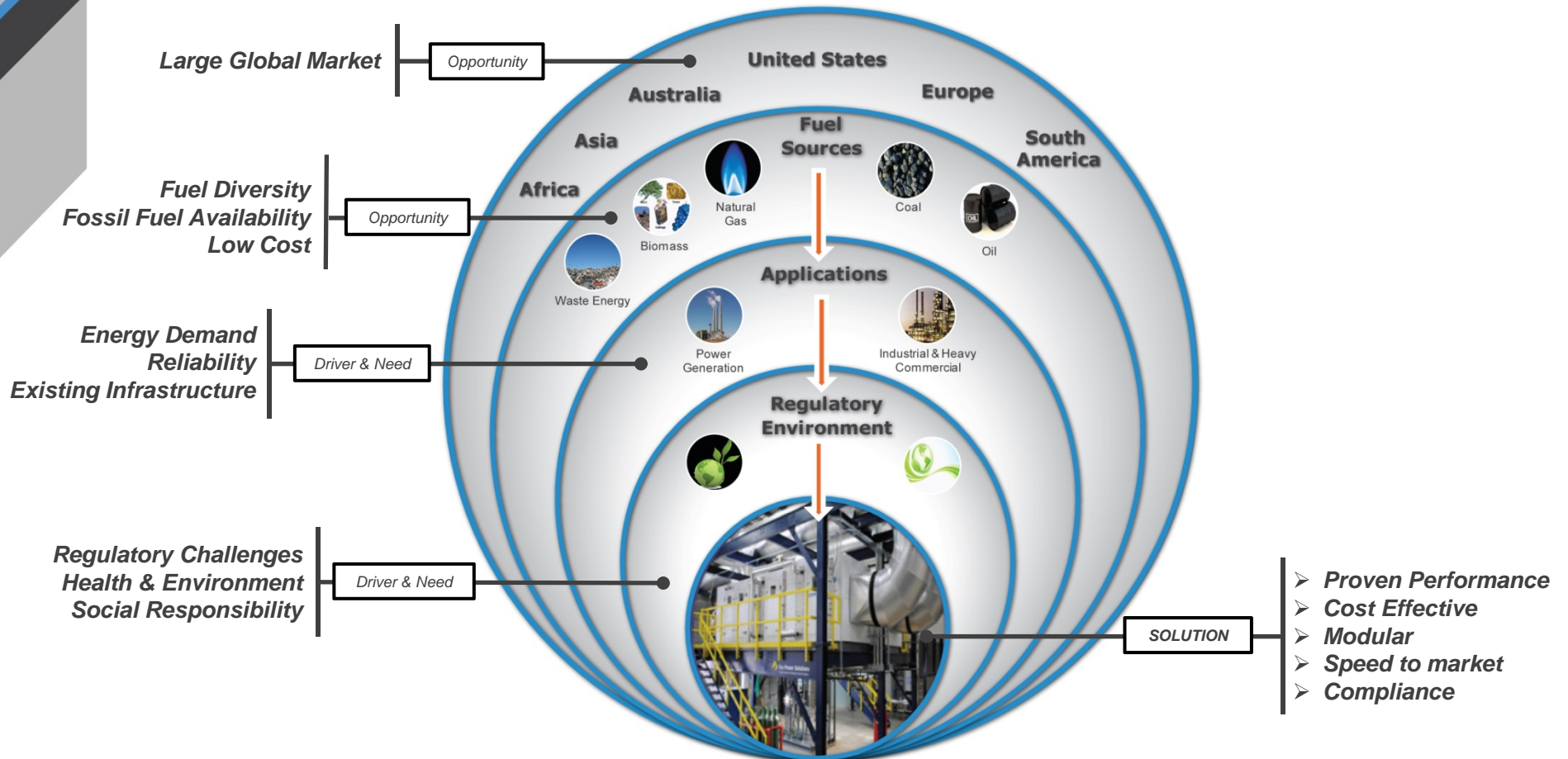
| | |
|---------------------------------|--|
| <p>Company</p> | <ul style="list-style-type: none"> • Privately Held - Headquartered in Boston, Massachusetts • Original Equipment Manufacturer (OEM) of patented air quality control system (AQCS) technology • Engineering and R&D operations in Louisville, KY • Experienced management team |
| <p>Market</p> | <ul style="list-style-type: none"> • Power Generation (Coal, Natural Gas, Oil, Biomass, and Municipal Waste) – U.S. Coal 330 GW • Heavy Industrials (Steel & Aluminum, Glass & Cement, Paper & Pulp, Petro Chemical) – U.S. 45 GW • Heavy Commercial (Hospitals & Universities) – U.S. 30 GW |
| <p>Proven Technology</p> | <ul style="list-style-type: none"> • COMPLY 2000™ – Advanced ‘all-in-one’ Multi-Pollutant control product • High multi-pollutant removal rates (Hg, PM2.5, CO2, NOx, SOx, HCl, and other heavy metals) • 5 MW units(Coal & Gas) operating since June 2010 • Performance & economics validated by multiple 3rd parties including EPRI and URS |
| <p>Strong Value Proposition</p> | <ul style="list-style-type: none"> • Lowest Levelized Cost solution on the market today for widest spectrum of pollutants removed • Smaller footprint, shop-assembled modules, and shortest cycle time from engineering to operation • Applicable to all fossil fuels and Energy from Waste fuel stock • Ideal for retrofit and new build applications • Potential expansion of primary fuel options for owner • Downstream byproduct revenue stream |

HISTORY & TIMELINE



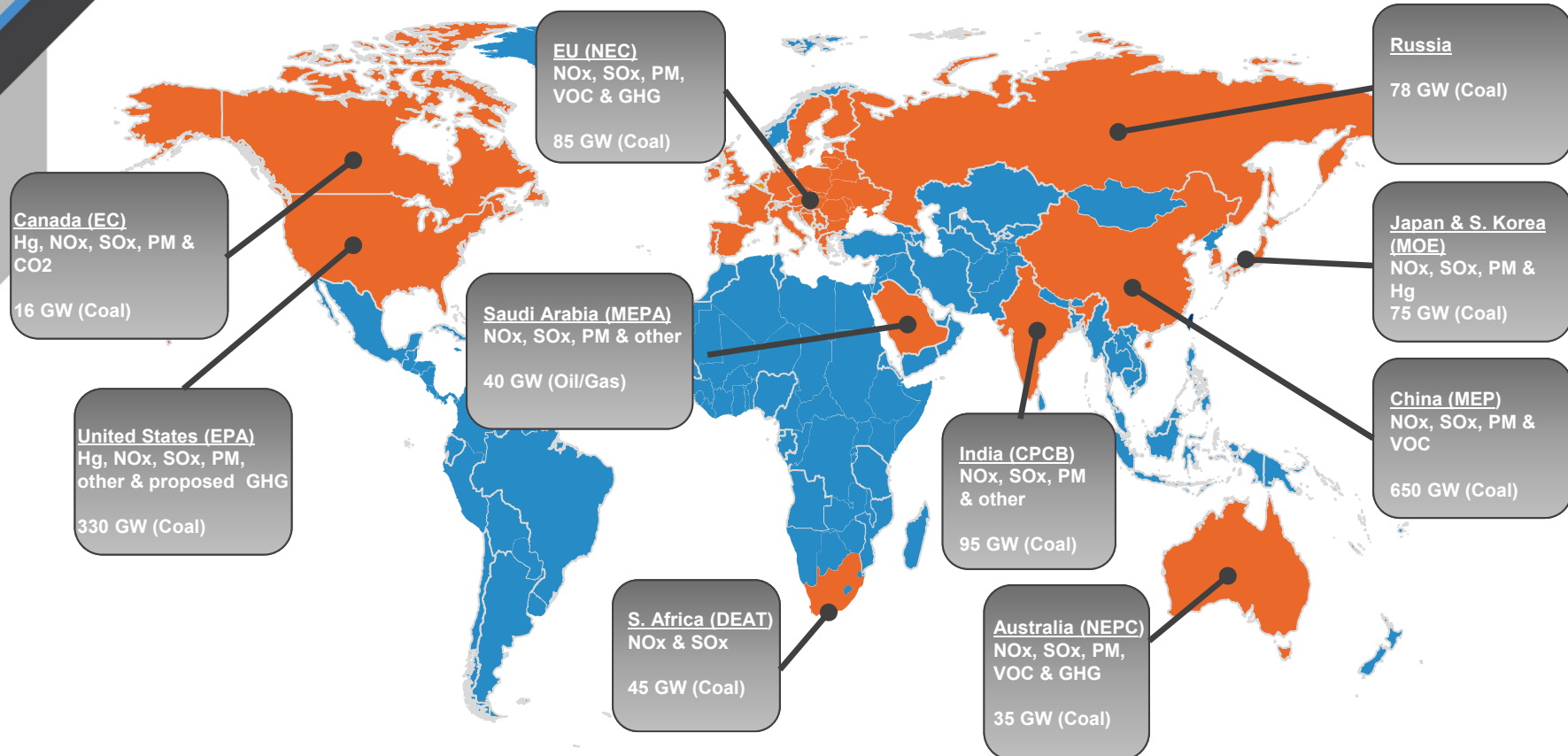
GLOBAL OPPORTUNITY AND DRIVERS

Efficient and cost effective emission control technologies will be key in supplying reliable power at competitive rates, while meeting environmental targets.



GLOBAL MARKET – LARGE INSTALLED BASE

Air Quality Standards aggressively pursued to control pollution, promote health and environmental quality in developed and emerging industrial nations.



**Huge addressable market on a global scale in coal fired power generation alone even with planned retirements
Global drivers from the emergence of regulations to reduce criteria pollutants and Green House Gases**

Source: World Research Institute, Environment Canada, European Commission, EPA, India CPCB, Australia NEPC, S. Africa DEAT, China – Ministry of Environmental Protection, Japan – Ministry of Environment, The McIlvaine Company, Energy Information Agency

U.S. REGULATORY LANDSCAPE

EPA regulations have created a compliance driven market environment for Power Generators and Industrial Manufacturers.

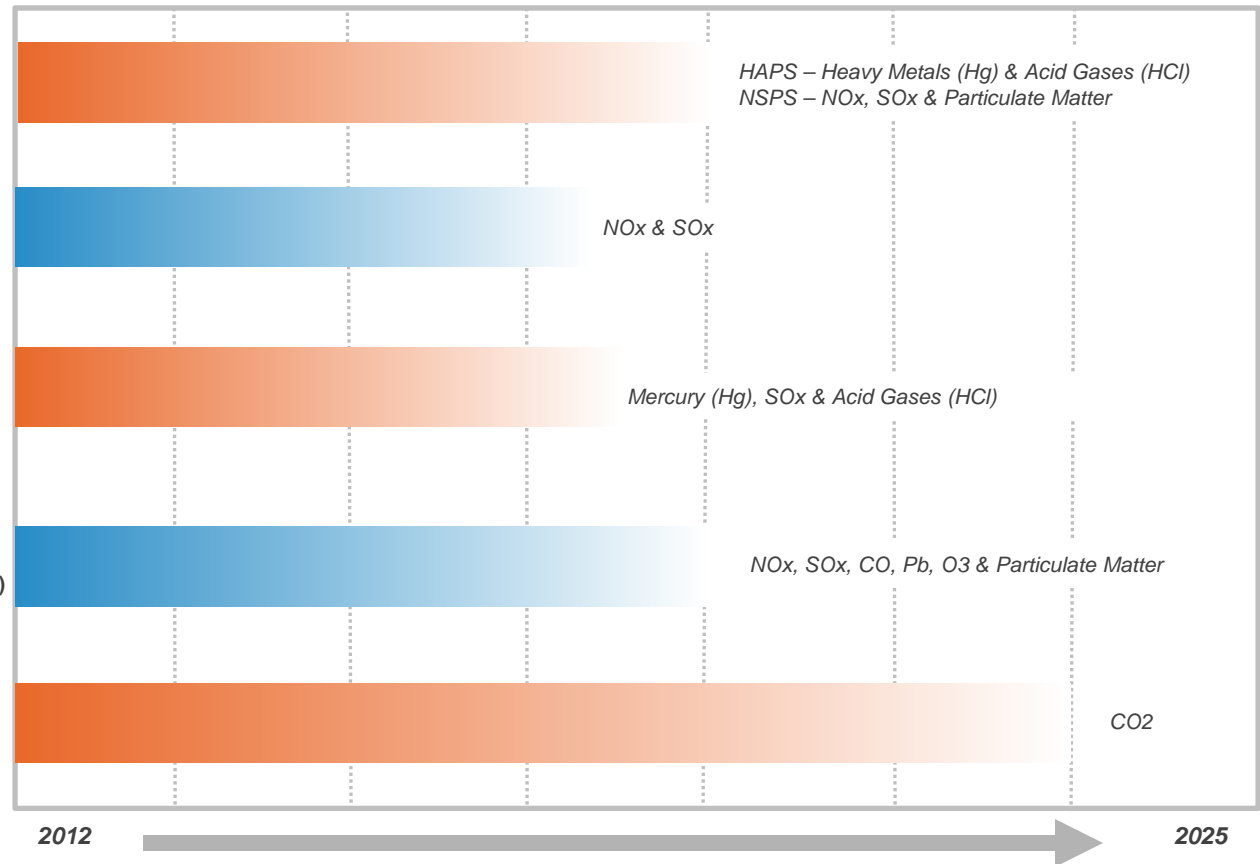
MATS
(Hazardous Air Pollution Standard & New Source Performance Standards)

CSAPR
(Cross State Air Pollution Rule)

Boiler MACT
(Boiler Maximum Achievable Control Technology)

NAAQS
(National Ambient Air Quality Standards)

National GHG (Proposed)
(Proposed national green house gas emission standards – new coal)



Source: ScottMadden, EPA, N. W. Bernstein & Associates

PROVEN REMOVAL RATES

The COMPLY 2000™ offers efficient removal rates of multiple criteria pollutants in an ‘all-in-one’ system.

| Multi-Pollutant Removal Rates | |
|--|-------------|
| POLLUTANT | COMPLY 2000 |
| Mercury (Hg) | 95% |
| Particulate Matter (PM ₁₀ & PM _{2.5})* | 99% |
| Heavy Metals (Cd, Cr, Ni, Be, As) | 99% |
| Halogens (F, Cl, Br) | 99% |
| NO_x | 98% |
| SO_x | 99% |
| CO₂ | 30% |

* Downstream of primary particulate collection device.

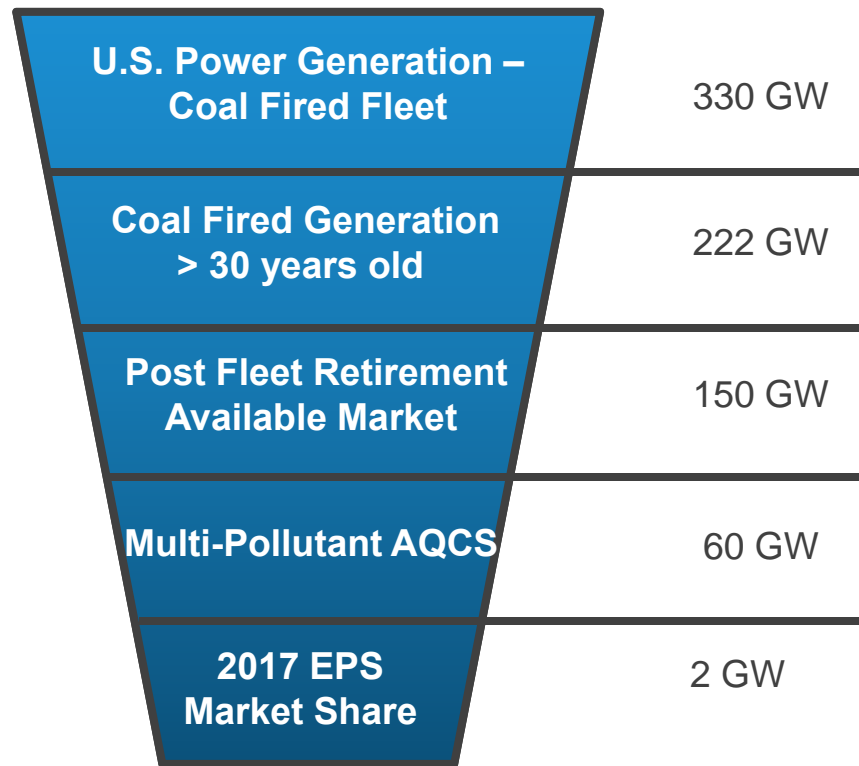
| Criteria Pollutants Removed | | | |
|-----------------------------|-----|-----|--------|
| COMPLY 2000 | FGD | SCR | ESP/BH |
| ✓ | N/A | N/A | N/A |
| ✓ | N/A | N/A | ✓ |
| ✓ | N/A | N/A | N/A |
| ✓ | N/A | N/A | N/A |
| ✓ | N/A | ✓ | N/A |
| ✓ | ✓ | N/A | N/A |
| ✓ | N/A | N/A | N/A |

Removal rates as demonstrated at the Eco Power Technology Center

Unsurpassed “multi-pollutant” removal efficiencies
Sustaining fossil fuel generating assets requires disruptive technology to reduce multiple pollutants
Demonstrated performance for 2+ years

U.S. COAL FIRED ADDRESSABLE MARKET (2012-2017)

**Generation Capacity at risk due to regulatory environment.
Co-ops and public power at greatest risk.**



- EPA puts the annual industry cost of compliance for power generators at \$9.6 billion.
- Industry analysts estimate compliance cost of \$50 - \$70 billion over next decade.
- 50 – 70 GW are at risk of retirement because of regulations, heat rate or age of unit.
- EPA estimates 60% of affected units meet some part of rules while 40% of affected units do not have advanced emissions controls installed.

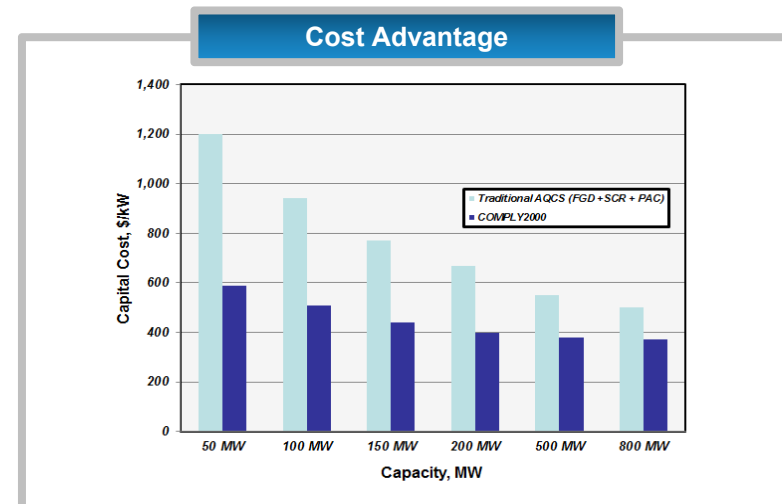
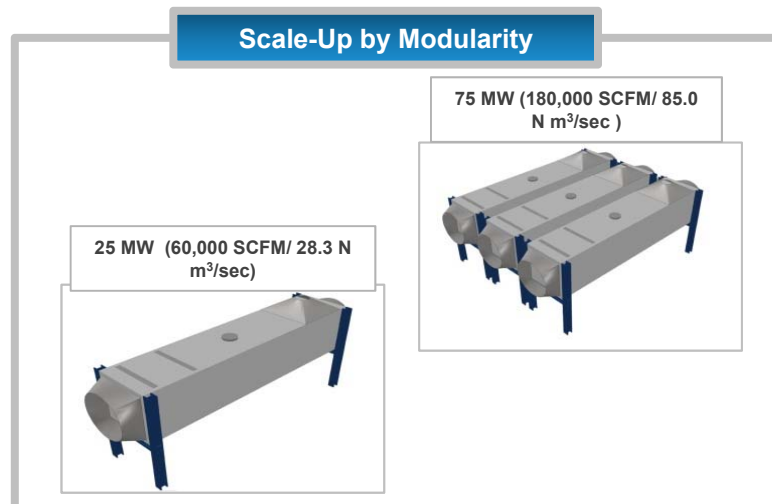
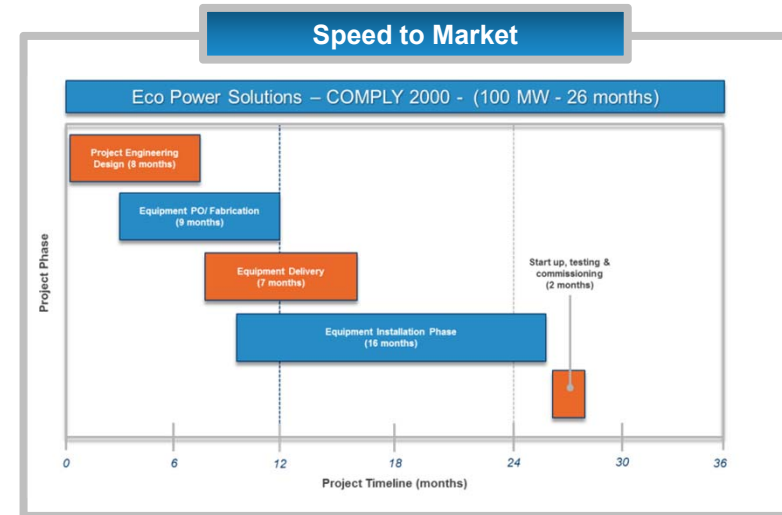
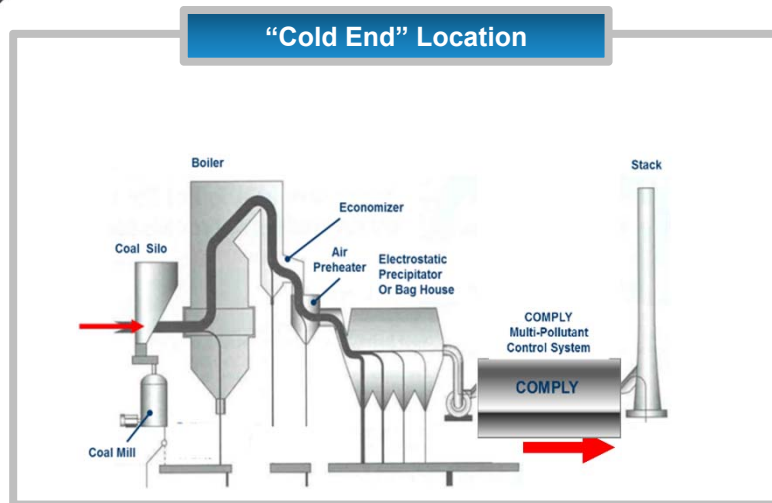
Initial Target Client Profile

- Fuel: Fossil (Coal, Natural Gas, Oil, Biofuel and Waste Energy)
- Retrofit applications for generation capacity of less than 300 MW (Initial 3-5 years)
- Investor Owned Utilities, Independent Power Generators, Electric Cooperatives, Publically Owner Utilities and District Heating/Campus.

Source: SNL Energy , ICF International, The Brattle Group, Edison Electric Institute , NERC, EPA NEEDS Database, EPS Internal Analyses

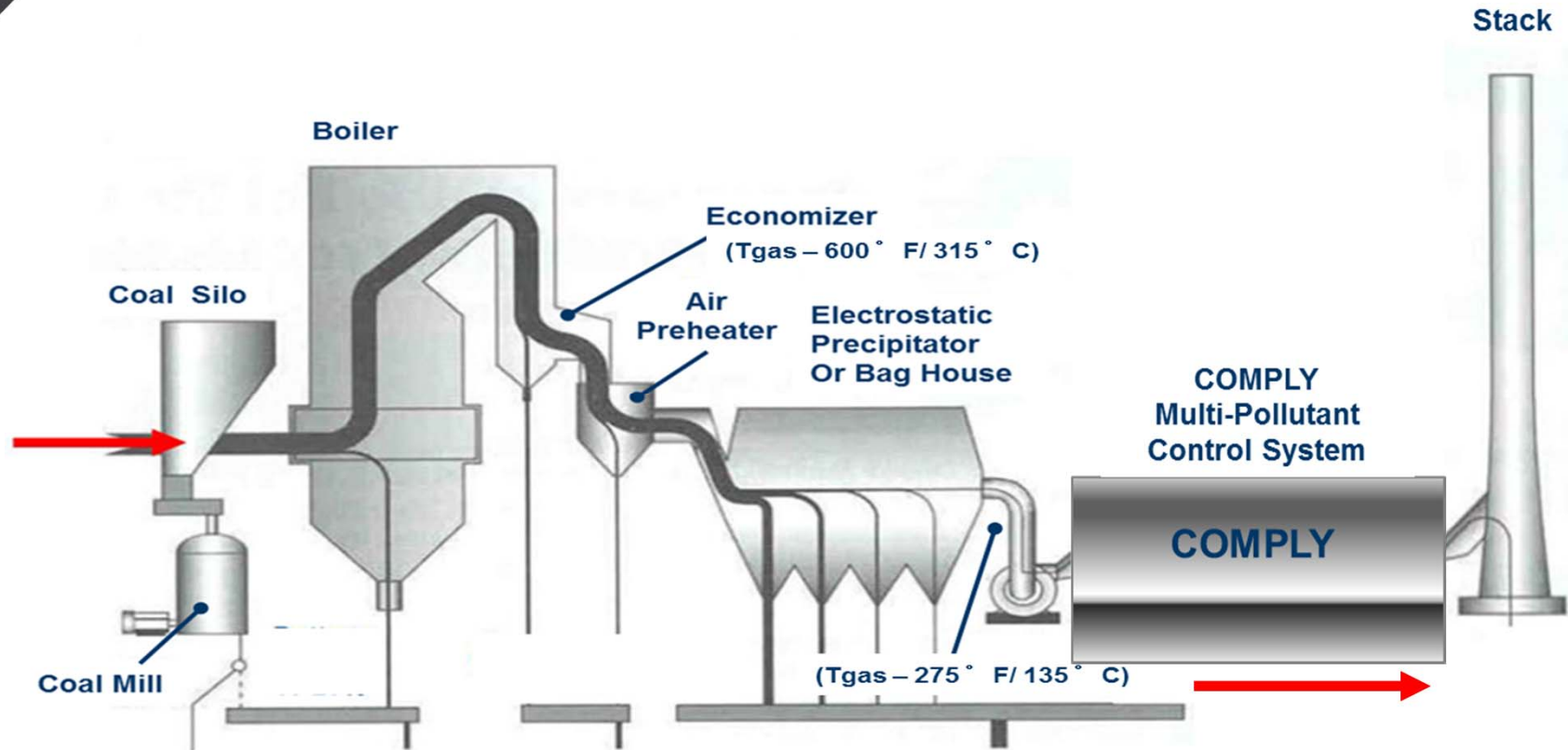
KEY ADVANTAGES

COMPLY 2000™ is the solution to meet existing air quality regulations with minimal downtime and plant integration.



PRODUCT INTEGRATION— “COLD END”

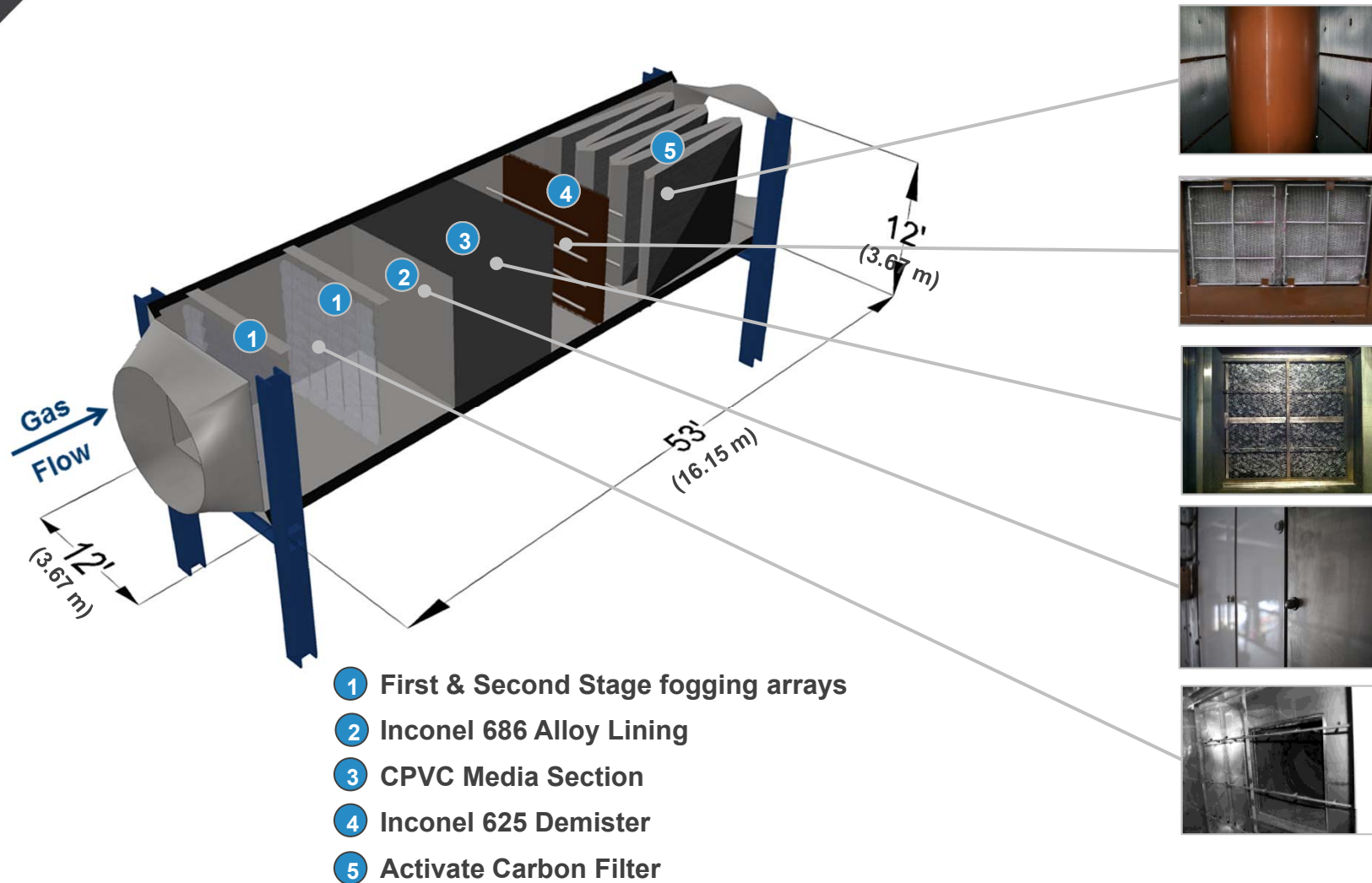
COMPLY 2000™ fully integrates into current plant operations downstream of primary particulate collection device.



Avoided Costs: No modifications to boiler and/or 'hot flue gas' equipment.
Preserved Flyash Treatment: No flyash impact thereby preserving current disposal options and revenue streams.
Integration Advantage: Cold application means less gas volume translating to compact footprint.

COMPLY UNIT LAYOUT DIAGRAM

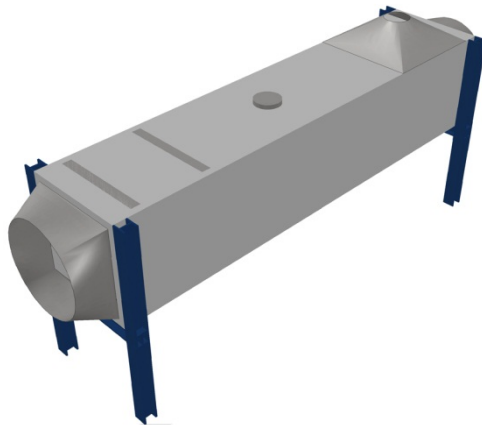
Straightforward and functional design allows for ease of operation and maintenance of COMPLY units.



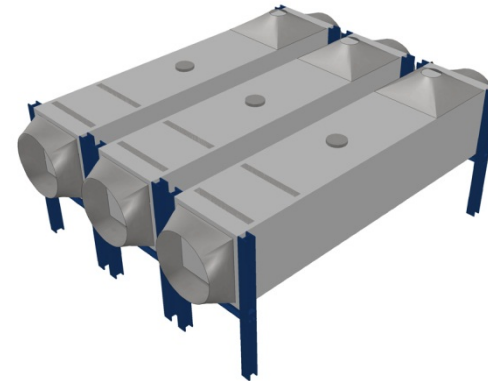
DESIGNED FOR SCALE-UP & FLEXIBILITY

Modular design philosophy provides for short cycle times and scale up capabilities.

25 MW Single Module (60,000 SCFM/
28.3 N m³/sec)



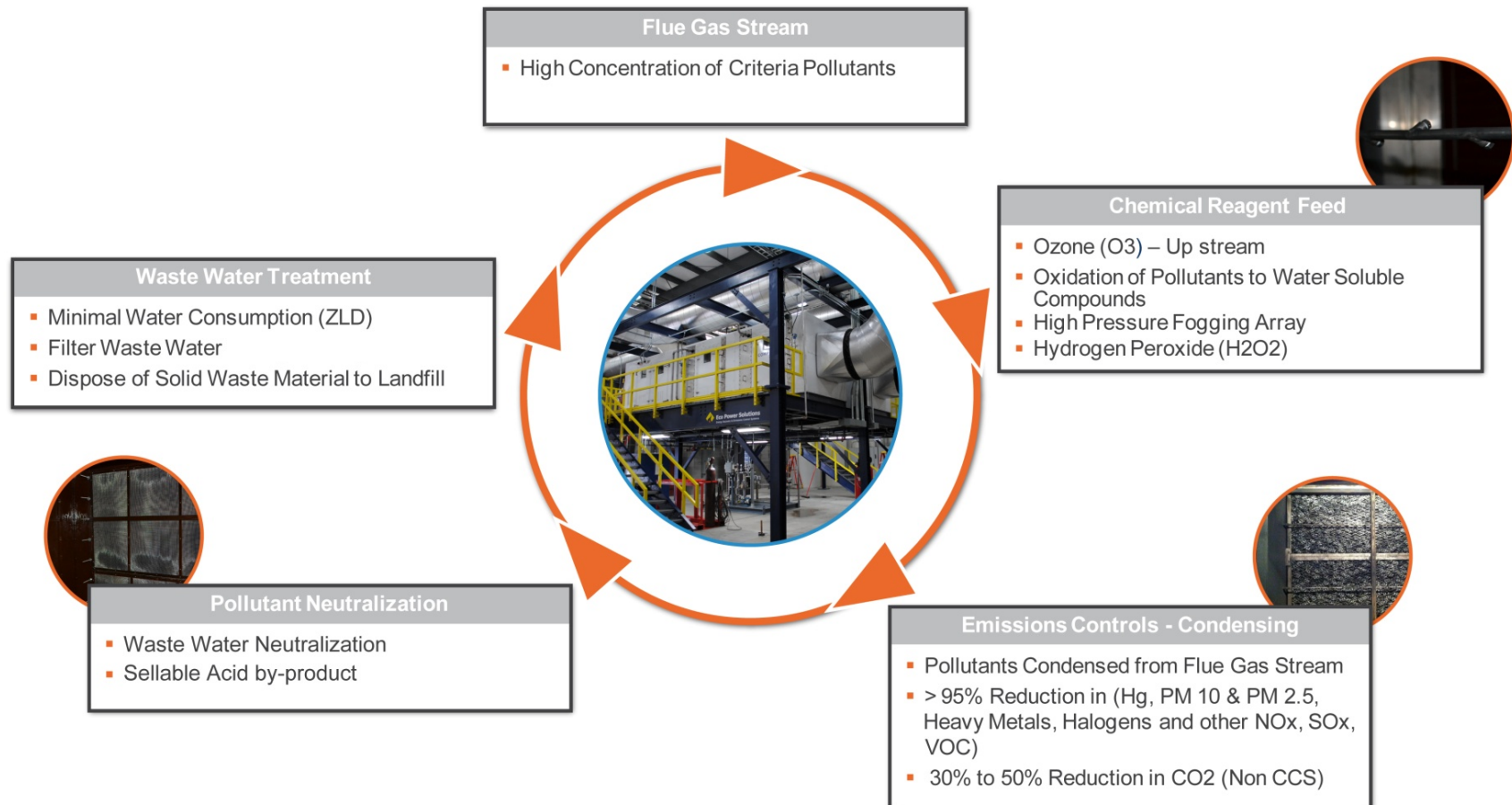
75 MW (180,000 SCFM/ 85.0 N m³/sec)



- Proven Scale up
- Short Cycle time (Fabrication thru Installation)
- Operational flexibility- Maximum integration potential for retrofit applications
- Shop assembled module units of 25 MW (projects up to 100 MW)
- Field erected module units for projects > 100 MW.

MULTI-POLLUTANT REMOVAL PROCESS OVERVIEW

The COMPLY 2000™ process is a closed-loop process that is reliable, flexible and effective.



TECHNOLOGY CENTER - COAL & NATURAL GAS

State-of-the-art facility opened in June 2010 to demonstrate the advanced multi-pollutant emission control capabilities of the COMPLY 2000™

Design

- Began Operation – June, 2010
- Coal Fired – (1.5 MW) operating
- Natural Gas Units – (2 MW) operating
- 15,000 SCFM (7.1 N m³/sec)

Measurement & Verification

- Eastern Bituminous Coal (2.2% Sulfur)
- Flue Gas Analysis
- Real time Emission Monitoring
- Sorbent Trap testing for Hg removal

Sub-systems

- Proprietary Systems
- Ozone Generator
- Hydrogen Peroxide
- Waste Water Treatment

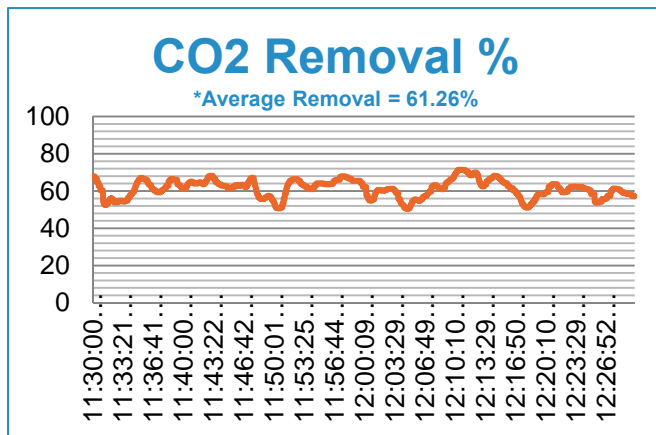
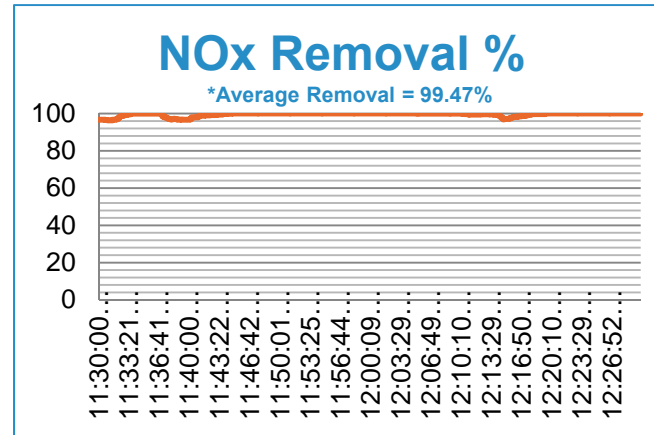
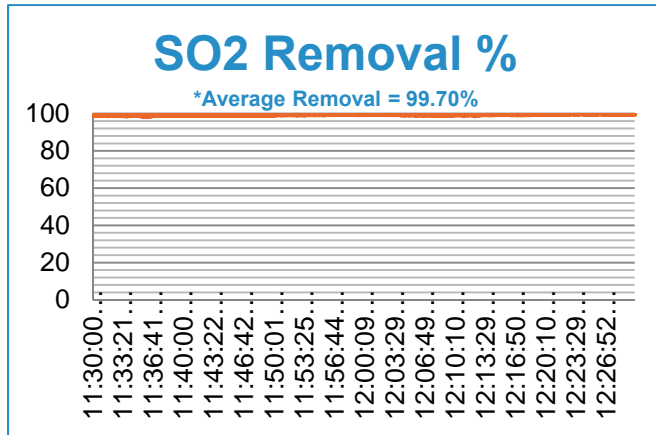
Validation

- Third party engineering validates technical performance and life-cycle market readiness.
- Component testing validates the design and confirms no mechanical degradation.
- EPRI confirmation of commercial readiness.



PROVEN PERFORMANCE: COAL FIRED

As demonstrated at Eco Power Technology Center
Firing Eastern Bituminous Coal.



Operating Conditions (7/13/2012)

| Pollutant | Inlet (ppm) | Outlet (ppm) |
|-----------------|--------------|--------------|
| NO _x | 42.33 (ppm) | 0.18 (ppm) |
| SO ₂ | 301.34 (ppm) | 0.85 (ppm) |
| CO ₂ | 18,315 (ppm) | 7,045 (ppm) |

Eastern Bituminous Ultimate Analysis

| | |
|----------|-------|
| Carbon | 67.7% |
| Hydrogen | 4.9% |
| Nitrogen | 1.2% |
| Sulfur | 3.8% |
| Oxygen | 6.7% |
| Ash | 9.4% |
| Moisture | 6.4% |

*As demonstrated July 13, 2012 - Coal

COMPETITIVE LANDSCAPE

Multi-pollutants and traditional AQCS

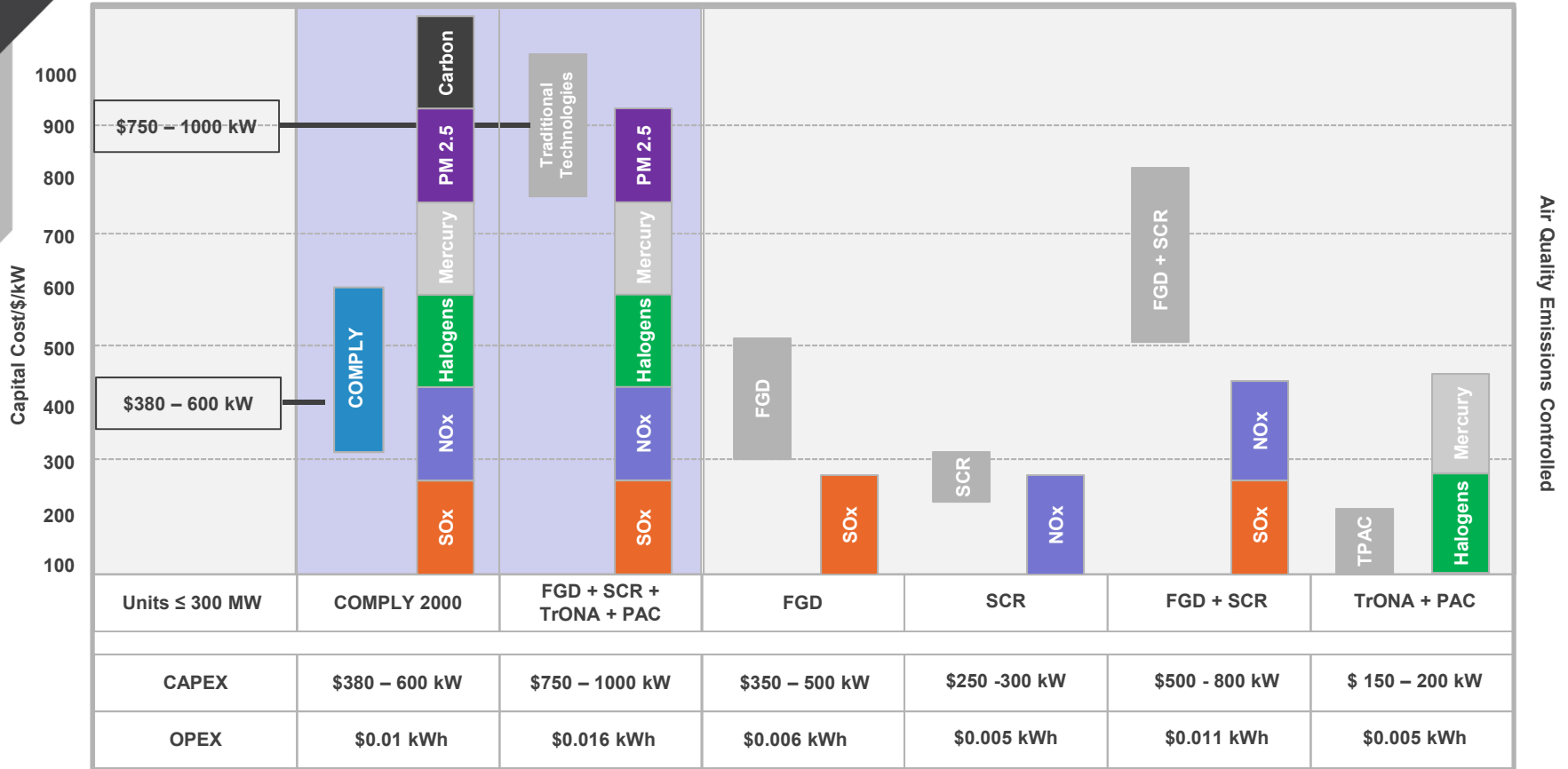
| Company | Target Pollutants | Target Industry | Status |
|---|--|---|-----------------|
| Multi-Pollutant AQCS | | | |
| Airborne Clean Energy | SO ₂ , SO ₃ , NO _x Hg | Power Generators | Early |
| Cansolv Technologies | SO ₂ , CO ₂ | Power Generators & Industrials | Commercial Demo |
| CEFCO | SO _x , NO _x , CO ₂ , heavy metals & PM2.5 | Power Generators & Industrials (Cement) | Early |
| Hamon Research Cotrell | SO _x , NO _x , Hg and particulate | Power generators, metals, cement | Commercial Demo |
| Lextran | SO _x , NO _x , Hg & other toxic heavy metals | Power generators | Commercial Demo |
| Nalco Mobotec | NO _x , SO _x , Hg and particulate | Power generators & industrials | Commercial |
| Neumann Systems Group | SO _x , NO _x , CO ₂ | Coal Fired Utilities | Commercial Demo |
| Traditional AQCS | | | |
| FGD (B&W, Als, Hit, BPI, MET, HRC, Siemens, Advatech) | SO ₂ | Power Generators/Industrials | Commercial |
| SCR (B&W, Als, BPI, Hit, FW) | NO _x | Power Generators/Industrials | Commercial |
| Sorbent Inject (Numerous) | Hg, SO ₂ and SO ₃ | Power Generators/Industrials | Commercial |
| ESP (Alstom, Siemens, Hitachi, et. al.) | Particulate Control | Power Generators/Industrials | Commercial |
| Fabric Filter (B&W, Alstom, Siemens, Hamon, Hitachi) | Particulate Control | Power Generators/Industrials | Commercial |

**EPS competitive advantage on total levelized cost basis for multi-pollutants addressed
EPS has demonstrated performance at for 2+ years**

Source: Edison Electric Institute, EPRI, EPS Internal Analyses

ECONOMIC COMPARISON-ECO POWER VS. TRADITIONAL OPTIONS

The COMPLY 2000™ system offers the most attractive compliance cost/performance value on a true multi-pollutant \$/MPTon* basis.



* MPTon= Multi-Pollutant Ton (multi-pollutants - NOx, SOx, PM2.5, Hg, Halogens, etc.)

COMPLY 2000 is economically more attractive than traditional AQCS technologies on CAPEX and OPEX and controls/reduces a broader range of regulated and unregulated pollutants.

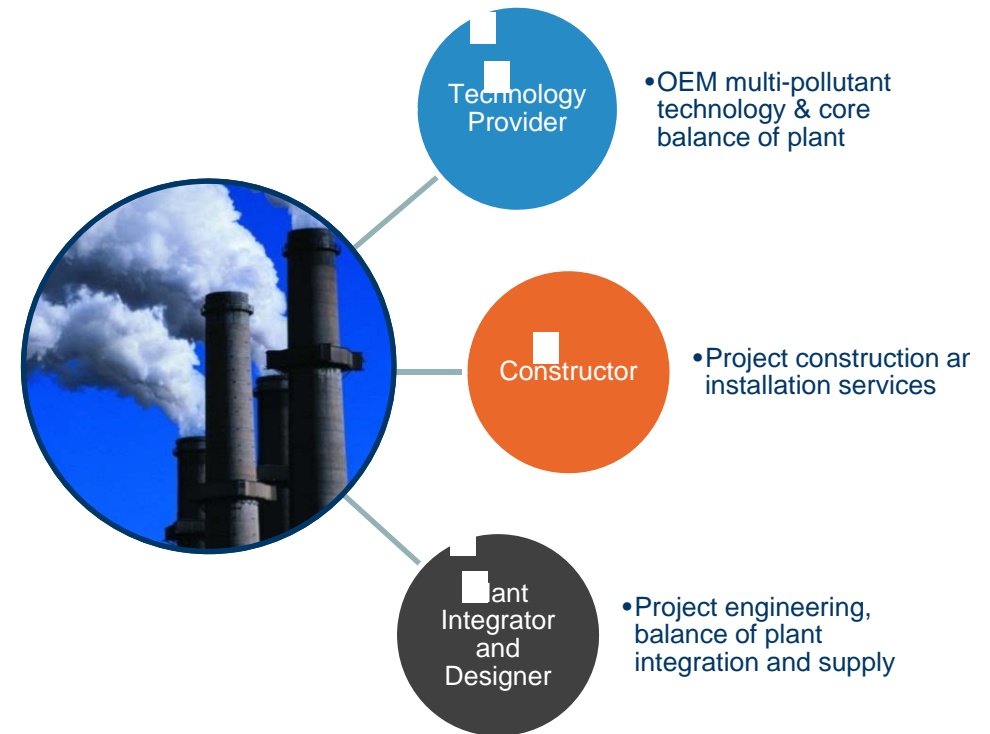
Source: Credit Suisse: Impact of EPA Rules on Power Markets, Bernstein Research, Midlothian Associates, EPRI, EPS Internal Analyses

TACTICAL TEAMING - SALES & PROJECT EXECUTION

Engineering, Procurement, Construction firms
targeted for project execution.



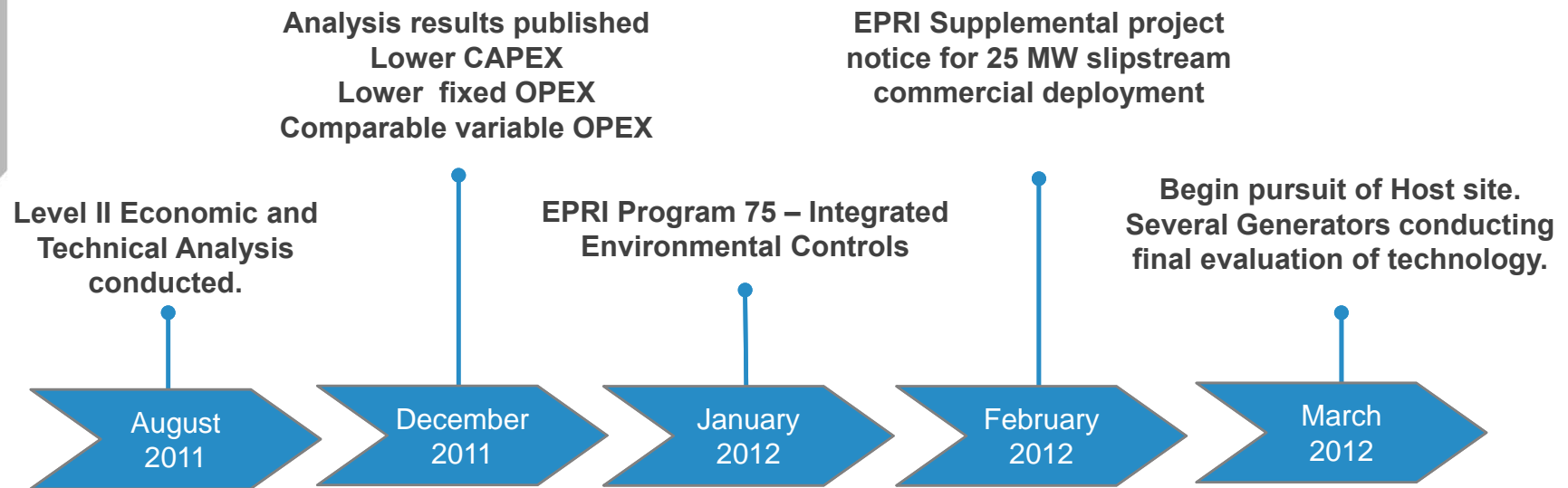
BLACK & VEATCH



Bankable approach and execution team to mitigate risks and deliver project on-time, on-budget and to-contract.

ELECTRIC POWER RESEARCH INSTITUTE

The COMPLY 2000™ Comparative study of 500 MW (Coal Fired Unit) to traditional AQCS conducted by EPRI.



“The COMPLY 2000 technology has the ability to accomplish multi-pollutant (SO₂, SO₃, NO_x, Hg, halogens and residual particulate matter) removal at very high efficiencies in a single absorber vessel. The economic analysis of the COMPLY 2000 system indicates that the system has a lower capital cost and fixed operating costs than the combination of traditional air quality control systems that would be required to achieve similar performance.”

– EPRI Report - 2011 Status of Multi-Pollutant Process Development: Low-Temperature Multi-Pollutant Control System and COMPLY 2000 Technical Review and Cost Projections

RECAP

Eco Power Solutions is dedicated to the ongoing development of advanced, clean energy technologies.

| | |
|---------------------------------|--|
| <p>Company</p> | <ul style="list-style-type: none"> • Privately Held - Headquartered in Boston, Massachusetts • Original Equipment Manufacturer (OEM) of patented air quality control system (AQCS) technology • Engineering and R&D operations in Louisville, KY • Experienced management team |
| <p>Market</p> | <ul style="list-style-type: none"> • Power Generation (Coal, Natural Gas, Oil, Biomass, and Municipal Waste) – U.S. Coal 330 GW • Heavy Industrials (Steel & Aluminum, Glass & Cement, Paper & Pulp, Petro Chemical) – U.S. 45 GW • Heavy Commercial (Hospitals & Universities) – U.S. 30 GW |
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