



# Slurry & Dewatering Pump Application Matrix – Coal Power Generation

## GPM Overview

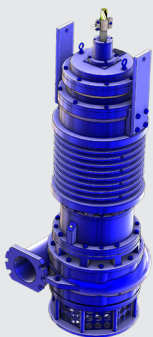
GPM manufactures and distributes the toughest, most reliable submersible and horizontal slurry pumps found anywhere in the world. Founded in 1978, GPM has customers throughout North America. GPM has six office locations with OEM manufacturing facilities in Duluth, Minnesota. Our objective is to help our customers gain or maintain a distinct competitive advantage in their marketplace through equipment and processes that are cost-effective, dependable and reliable. For over 40 years, we have been solution-driven.

When you need to pump it, blow it, heat it, seal it, move it, gear it or cool it... think GPM.

## GPM-Eliminator Advantages

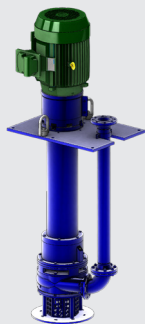
- Permanently lubricated bearings
- No seal flush required
- Enclosed shaft not exposed to product
- Increased bearing support
- Less shaft deflection
- Longer pump options for deeper applications
- Run dry capabilities
- Class H insulated premium efficiency motors
- Explosion Proof options available
- 28% high-chrome, 650+ Brinell hardness liquid ends
- Spray hole casings for added sump agitation
- Closed, semi-open and open impeller options available
- Pumps solids up to 4.5" diameter
- Eliminate packing
- Increased MTBF
- Adjustable wear plates
- Made tough to handle severe slurry applications

## Unparalleled Uptime for Coal Power Generation Operations



### Submersible

Our submersible pumps are built for the toughest applications.



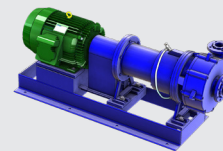
### Extended Shaft

For specific applications where submersible isn't ideal.



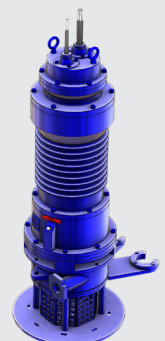
### Vertical

Made tough and available in dry pit monobloc models for flood-prone areas.



### Horizontal

Made tough end-suctions slurry process pumps.

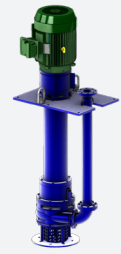
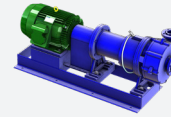
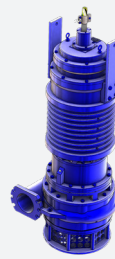


### Explosion Proof

Built to UL Class I, Div. I, Group D standards and supplied in GT and LH models.

# Power Plant Processes

## Power Plant Applications Matrix for GPM-Eliminator Pumps



		Submersible	Horizontal	Extended Shaft
<b>Fuel</b>	Coal Washdown	✓		✓
	Coal Dumper Sump	✓		✓
	Polisher Sump	✓		
	Conveyor Sump	✓		
<b>Water/Steam</b>	River Water Intake	✓		✓
	Cooling Tower Overflow	✓		✓
	Neutralization Sump	✓		✓
	Dewatering	✓		✓
	Condensate Blowdown	✓		✓
<b>Environmental</b>	Scrubber Vaults	✓		✓
	Metal Wash	✓		✓
	Gypsum Pond	✓		✓
	Limestone Pond	✓		✓
	Caustic Sump	✓		✓
	FGD Process Pumps		✓	
	Scrubber Lime Slurry	✓		
	Spent Lime Slurry	✓		✓
	Absorber Bleed Pump		✓	
	Ball Mill Slurry		✓	
	Reagent Slurry Feed Pump		✓	
FGD Pond Water	✓		✓	
<b>All</b>	Material Handling Sump	✓		✓
	Low Level Waste Sump	✓		✓
	Pre-Coat Hold Sump	✓		✓
	Impound Brine Recovery Sump	✓		✓
	Bottom Ash	✓		✓
	Clarifier Ash Tank		✓	
	Ash Loadout Sump	✓		✓
	Plant Collection Sump	✓		✓
Site Retention Pond	✓		✓	

**CONTACT GPM TODAY FOR ADDITIONAL INFORMATION.**