

PLANT Name & Unit	Unit	County	Install Date	Capacity (MW)	2004 Heat Inp MMBtu	2004 Tons			2004 TRI Hg (lbs)*	Current PM controls	Current NOX/SO2 controls	Addl control by 2010 (permits)
						Ann NOx	OS NOx	SO2				
Bowen Total												
BOWEN	1	BARTOW	10/21/1971	805	43,260,104	5,129	607	34,447	873.9	CS ESP	SCR	scrubber
BOWEN	2	BARTOW	09/26/1972	788	46,546,493	5,364	662	38,494	184.754	CS ESP	SCR	scrubber
BOWEN	3	BARTOW	12/11/1974	952	62,211,838	7,978	698	50,603	224.663	CS ESP	SCR	scrubber
BOWEN	4	BARTOW	11/14/1975	952	52,604,828	6,298	702	42,370	224.663	CS ESP	SCR	scrubber
Hammond Total												
HAMMOND	1	FLOYD	06/19/1954	125	4,930,342	1,001	437	4,619	22.8	CS ESP	LNB	scrubber
HAMMOND	2	FLOYD	09/26/1954	125	5,500,432	1,120	486	5,172	25.4	CS ESP	LNB	scrubber
HAMMOND	3	FLOYD	06/09/1955	125	4,892,248	999	430	4,719	22.6	CS ESP	LNB	scrubber
HAMMOND	4	FLOYD	06/26/1970	578	25,430,238	3,062	352	23,186	117.4	CS ESP	SCR	scrubber
H Branch Total												
H BRANCH	1	PUTNAM	06/11/1965	299	12,437,141	2,758	1,169	11,613	296.8	CS ESP	LNB	
H BRANCH	2	PUTNAM	06/12/1967	359	16,182,058	3,561	1,584	15,161	49.1	CS ESP	LNB	
H BRANCH	3	PUTNAM	07/12/1968	544	22,786,241	4,322	2,023	21,040	63.9	CS ESP	LNB	
H BRANCH	4	PUTNAM	06/27/1969	544	23,764,468	4,456	1,836	22,323	90.0	CS ESP	LNB	
J McDonough Total												
J MCDONOUGH	1	COBB	8/12/1963	299	17,496,734	2,241	892	12,309	107.5	CS ESP	LNB+OFA+Other	
J MCDONOUGH	2	COBB	6/26/1964	299	14,621,689	1,889	871	10,407	58.6	CS ESP	LNB+OFA+Other	
Kraft Total												
KRAFT	1	CHATHAM	05/01/1961	54	3,310,931	857	434	2,098	31.2	CS ESP	none	
KRAFT	2	CHATHAM	05/24/1965	103	3,134,424	837	415	1,945	7.9	CS ESP	none	
KRAFT	3	CHATHAM	03/31/1972	126	6,634,452	1,818	657	3,807	7.5	CS ESP	none	
McIntosh Total												
MCINTOSH	1	EFFINGHAM	2/8/1979	177	10,945,727	2,829	1,174	8,019	36.9	CS ESP	none	
Mitchell Total												
MITCHELL	3	DOUGHERTY	5/13/1964	163	4,450,351	1,503	734	5,169	31.9	CS ESP	none	
Scherer Total												
SCHERER	1	MONROE	03/19/1982	891	60,286,376	4,702	2,059	19,909	1,465.0	CS ESP	OFA + PRB	
SCHERER	2	MONROE	02/01/1984	891	63,423,861	4,889	2,146	20,534	354.1	CS ESP	OFA + PRB	
SCHERER	3	MONROE	01/01/1987	891	63,635,698	4,343	2,081	20,145	372.6	CS ESP	OFA + PRB	
SCHERER	4	MONROE	02/28/1989	891	62,056,726	4,165	2,045	19,156	373.8	CS ESP	OFA + PRB	
Wansley Total												
WANSLEY	1	HEARD	12/24/1976	952	59,942,346	6,913	671	50,769	467.5	CS ESP	SCR	scrubber
WANSLEY	2	HEARD	04/25/1978	952	57,522,759	6,293	746	48,206	238.9	CS ESP	SCR	scrubber
Yates Total												
YATES	1	COWETA	09/12/1950	122	5,243,708	1,096	389	384	284.6	CS ESP	Other+scrubber	
YATES	2	COWETA	11/19/1950	122	5,180,320	1,157	472	4,865	24.6	CS ESP	LNB	
YATES	3	COWETA	08/17/1952	122	5,404,133	1,207	468	4,927	24.3	CS ESP	Other	
YATES	4	COWETA	06/22/1957	156	8,205,080	1,651	485	7,528	25.3	CS ESP	LNB + OFA	
YATES	5	COWETA	05/11/1958	156	7,280,891	1,450	460	6,648	38.4	CS ESP	LNB + OFA	
YATES	6	COWETA	07/23/1974	403	16,607,403	2,345	958	15,132	34.1	CS ESP	LNB + OFA	
YATES	7	COWETA	04/08/1974	403	12,823,734	1,689	871	11,068	77.8	CS ESP	LNB + OFA	
GA COAL TOTAL				14,369	808,753,774	99,922	30,014	546,772	3,783.4			

2004 tons are actual monitored emissions data from Clean Air Markets Division

* Hg numbers for individual units based only on heat input and does not reflect actual emissions

Ann NOx = Annual NOx; OS NOx = Ozone Season NOx (May - Sept. only)

TRI = Toxic Release Inventory

Hg = Mercury

PM = Particulate Matter

NOx = Oxides of Nitrogen, precursor for Ozone and PM formation

SO2 = Sulfur Dioxide, precursor for PM formation

MW = Mega Watts

MMBtu = Million British Thermal Units

CS ESP = Cold Side Electrostatic Precipitator

SCR = Selective Catalytic Reduction for NOx Control

PRB = Powder River Basin Coal

LNB = Low NOx Burners

OFA = Over Fire Air