

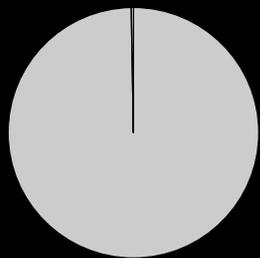
Louisiana

The state with the fewest active coal mines

Louisiana's coal reserves, located in the northern part of the state, consist entirely of lignite. Estimated recoverable reserves are about one billion tons. Although lignite deposits were discovered in the early 1800's, the first documented use of lignite occurred at the federal arsenal near Shreveport during the Civil War. By the late 1800's, lignite use was common by blacksmiths, railroads, and steamboats. Lignite production ceased, however, from the early 1900's until 1985. A new lignite mine permitted September 1, 1985, produced 200 thousand tons in its first year. The operation uses a seven-mile long conveyor to transport lignite to the associated mine-mouth power plant.

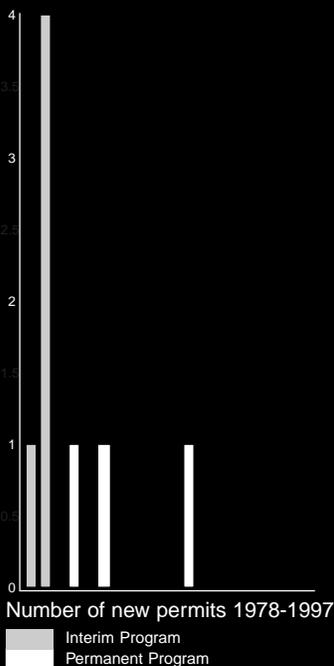
The surface coal mining and reclamation program in Louisiana was approved October 10, 1980. Louisiana's Abandoned Mine Reclamation Plan was approved December 10, 1986, and on April 9, 1990, the state declared that all known coal-related Abandoned Mine Land problems have been eliminated or actually reclaimed, making Louisiana eligible to reclaim non-coal abandoned mine sites. Since that date Louisiana has only received its state share from the Abandoned Mine Land fund.

All areas disturbed by coal mining from the 1800's to 1900 have naturally revegetated and an inventory search of Abandoned Mine Land problem sites revealed no coal-related problems. However, a significant number of abandoned gravel strip mines remains to be reclaimed in Louisiana.



Production tonnage 1978-1997

■ U.S. Total
 ■ Louisiana Coal Production

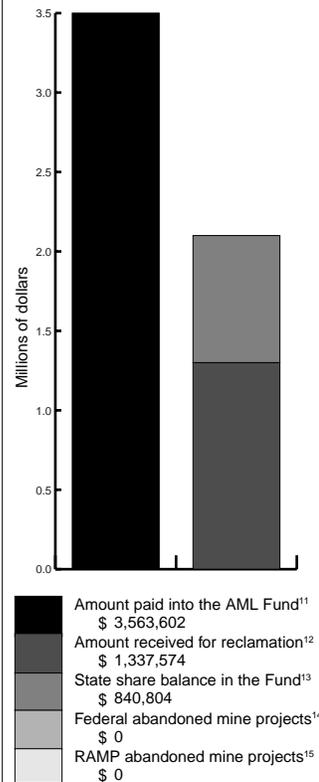


Number of new permits 1978-1997

■ Interim Program
 ■ Permanent Program

coal production¹⁰

	1978		1997		1978-1997 Rank
	Amount	Percent U.S. Total	Amount	Percent U.S. Total	
Tons Produced					
Surface	0	0%	0	0%	0
Underground	0	0%	0	0%	0
Lignite	0	0%	3,477,090	4.0%	3
Total	0	0%	3,477,090	0.3%	24
Number of Producing Mines					
Surface (bituminous coal)	0	0%	0	0%	0
Underground	0	0%	0	0%	0
Lignite (surface)	0	0%	2	8.3%	4
Total	0	0%	2	0.04%	27
Mine Production					
Average	0	0%	1,738,545	660.6%	
>1,000,000 tons	0	0%	1	0.4%	
300,000-1,000,000 tons	0	0%	1	0.2%	
<300,000 tons	0	0%	0	0%	



■ Amount paid into the AML Fund¹¹
 \$ 3,563,602
 ■ Amount received for reclamation¹²
 \$ 1,337,574
 ■ State share balance in the Fund¹³
 \$ 840,804
 ■ Federal abandoned mine projects¹⁴
 \$ 0
 ■ RAMP abandoned mine projects¹⁵
 \$ 0

Active mining and reclamation¹⁶

	1978	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	Total
Number of New Permits																					
Surface Mining	1	4	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	8
Underground Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acreage Permitted																					
Surface Mining	5	27	0	29	0	29,573	0	0	0	0	0	10,475	0	0	0	0	0	0	0	0	40,109
Underground Mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acreage of Bond Release																					
Interim Prog. (final)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phase 1	0	0	0	0	0	0	0	0	0	0	0	634	0	0	1,255	711	1,972	1,556	0	0	6,128
Phase 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180	0	0	1,164	990	0	2,334
Phase 3	0	0	0	0	14	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0	23
Inspections																					
Complete	NA	NA	NA	NA	58	6	8	5	5	5	5	9	9	8	8	8	8	8	6	8	164
Partial	NA	NA	NA	NA	8	5	9	9	8	8	8	17	16	16	16	16	16	16	12	16	196
Oversight	0	0	0	NA	NA	4	5	5	NA	2	2	2	1	2	5	3	2	4	2	4	43
Citations Issued																					
NOV's	NA	NA	NA	NA	0	2	3	10	0	1	5	2	4	3	4	2	6	2	5	6	55
CO's	NA	NA	NA	NA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

Abandoned coal mine reclamation 1977-1997¹⁷

	Reclaimed Problems			Remaining Problems	
	OSM Emergency	State Emergency	Non-Emergency	Number	Estimated Cost
Priority 1 & 2 (Protection of Public Health, Safety, and General Welfare) and Emergency Projects					
Clogged Streams (miles)	0	0	0	0	\$ 0
Clogged Stream Lands (acres)	0	0	0	0	0
Highwalls (feet)	0	0	0	0	0
Impoundments (count)	0	0	0	0	0
Piles & Embankments (acres)	0	0	0	0	0
Slides (acres)	0	0	0	0	0
Gases (count)	0	0	0	0	0
Equipment & Facilities (count)	0	0	0	0	0
Water Bodies (count)	0	0	0	0	0
Industrial Waste (acres)	0	0	0	0	0
Portals (count)	0	0	0	0	0
Polluted Water: Agriculture & Industrial (count)	0	0	0	0	0
Polluted Water: Human Consumption (count)	0	0	0	0	0
Subsidence (acres)	0	0	0	0	0
Surface Burning (acres)	0	0	0	0	0
Underground Mine Fires (acres)	0	0	0	0	0
Vertical Openings (count)	0	0	0	0	0
Total					\$ 0
Priority 3 (Environmental Restoration)					
Bench (acres)	0	0	0	0	\$ 0
Industrial Waste (acres)	0	0	0	0	0
Equipment & Facilities (count)	0	0	0	0	0
Gob (acres)	0	0	0	0	0
Highwall (feet)	0	0	0	0	0
Haul Road (acres)	0	0	0	0	0
Mine Opening (count)	0	0	0	0	0
Pit (acres)	0	0	0	0	0
Spoil Area (acres)	0	0	0	0	0
Slurry (acres)	0	0	0	0	0
Slump (acres)	0	0	0	0	0
Water (gallons/minute)	0	0	0	0	0
Total					\$ 0