

South Carolina Electric & Gas

SHORELINE MANAGEMENT PROGRAM



Tommy Boozer
Manager
Lake Management

SCE&G Lake Management Programs

History

- Land purchasing and logging began in the spring of 1927.
- Work on the Dam began in September 1927.
- The Dam and power house were completed in 1930.
- First generation started at 7:00 a.m. on December 1, 1930.

Saluda Construction - Loading



Saluda Construction - Dumping



Facts About Lake Murray

- Covers 78 square miles
- 48,239 surface acres
- 41 miles long
- 14 miles wide
- Provides storage for 763 billion gallons of water
- 650 miles of shoreline

Lake Management and Recreation

- SCE&G Shoreline Management Plan was developed in 1975 with the Federal Power Commission, now the Federal Energy Regulatory Commission (FERC), to ensure compliance with the licensing requirement for the Saluda Hydro Project.
- FERC is the Federal Agency responsible for the overseeing, maintenance, and operation of the license for the Saluda Hydro Project.

SCE&G operates its shoreline permitting activities under a general permit issued by the US Corps of Engineers and the S. C. Department of Health and Environmental Control.

This permit authorizes SCE&G to be the residential permitting agency on Lake Murray.

Commercial requests are submitted and approved by DHEC, Corps of Engineers, and FERC.

Lake Murray Shoreline Permitting Requirements

- Booklet
- Permit Application
- Vegetation Protection Agreement
- Flotation Requirements

Approved Shoreline Activities

- Dock
- Dock Modification
- Boat Lift
- Boat Ramp
(Concrete)
- Marine Railways
- Water Removal
(for irrigation only)
- Excavation
- Limited Brushing
- Erosion Control
- Rip-Rap
- Retainer Wall
- Bio-engineering



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Lake Murray Public Recreation

■ Public Parks (existing)	16	408 ac.
■ Future Parks	11	726 ac.
■ Impromptu Areas	23	
■ Public Marinas & Landings	31	
■ Private Marinas/Common Areas	57	
■ Islands Open to the Public	65	575 ac.



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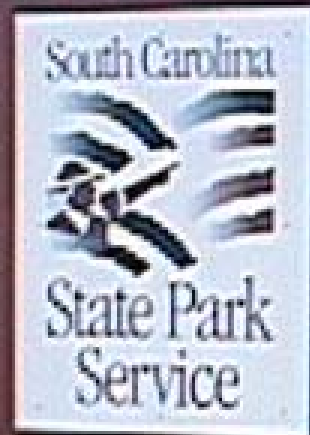


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DREHER ISLAND



STATE RECREATION AREA

S.C. DEPT. OF PARKS, RECREATION AND TOURISM



Saluda Shoals
P A R K





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Land Use Management Classification

- Project Operation
- Public Recreation
- Commercial Recreation
- Forest Management
- Forest and Game Management
- Future Development
- Easement Property

Land Use Management

- P.B.L. - Project Boundary Line
A property line surrounding the hydroelectric project that delineates the project boundary location and separates project property from non-project property.
- Project Property
Land located within the Project Boundary Line and under the jurisdiction of the FERC.

- 360 Contour

The high pool elevation of Lake Murray.

- Vegetative Buffer Zone or 75 Foot Setback Area

A strip of land 75 feet wide (horizontally from the 360 contour). Creates a vegetative, aesthetic buffer along the lake shoreline.

- ESA

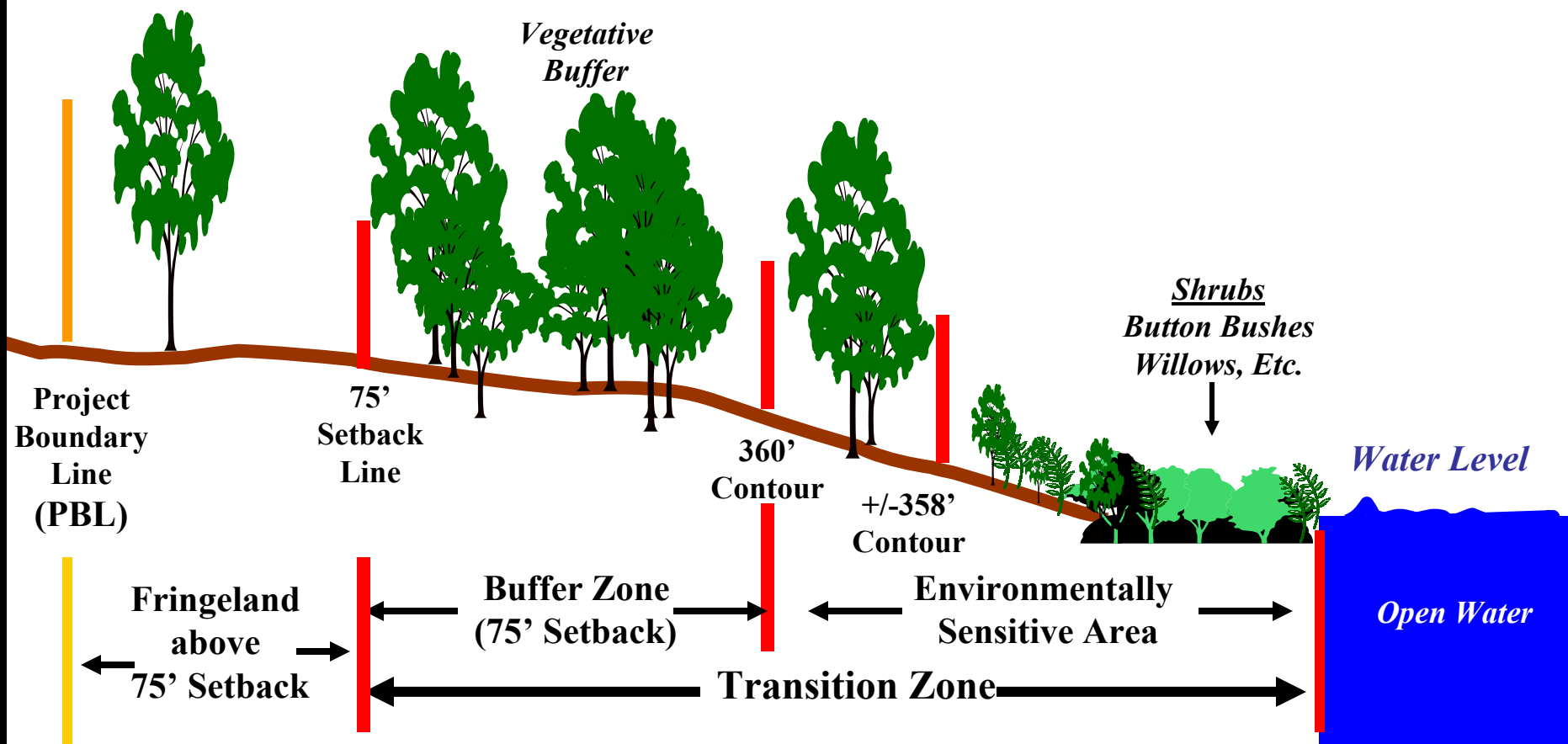
Located between the 360 contour and deemed as environmentally sensitive in an extensive shoreline inventory. Developed as a reference tool to prescribe management alternatives on SCE&G-owned fringeland.

SCE&G
Vegetative
Buffer Zone
Protected Area

Lake Murray
FERC
Project 516

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Future Development Fringeland Classification Example Lake Murray (FERC Project 516)





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Aquatic Plant Management

- Hydrilla
- Brazilian Elodea
- Illinois Pondweed
- Yellow Primrose
- Alligator Weed
- Curly Leaf Pondweed

Control Methods

Lake Level (Draw Downs)

Herbicides Treatment

Mechanical Harvesting

Grass Carp



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Shoreline Development

- Old Homes

- New Homes



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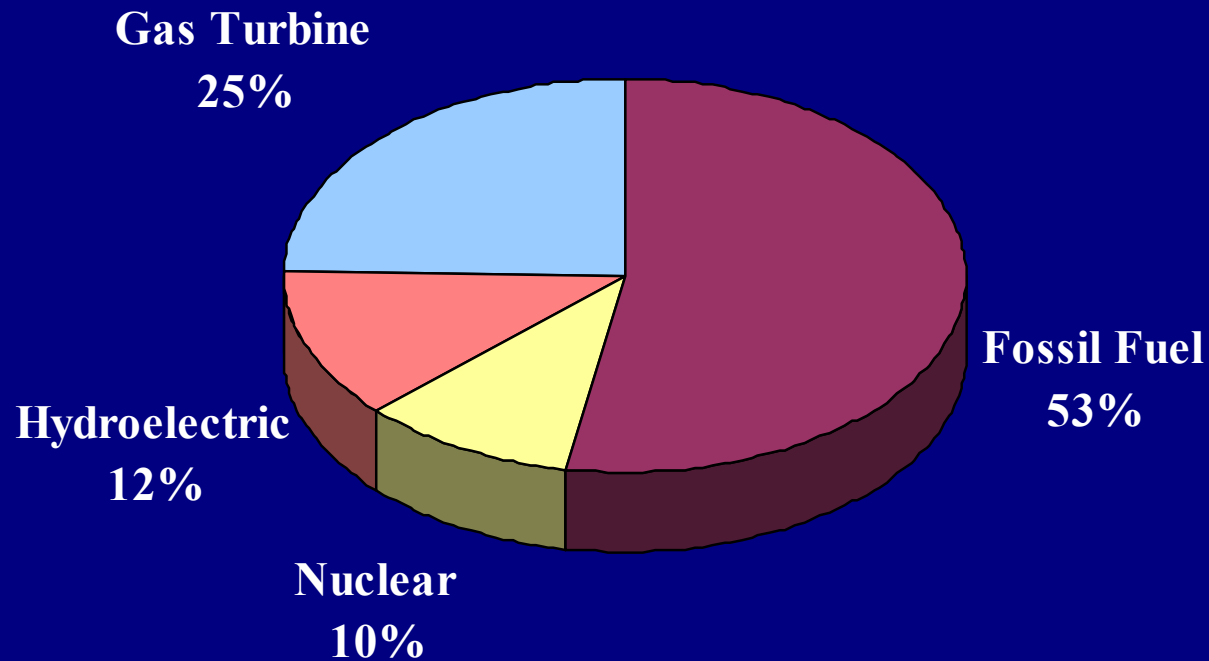




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South Carolina Electric & Gas Generating Portfolio



Saluda Dam Owner – SCE&G







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