

By Senator Laurent

17-456A-02

1                                   A bill to be entitled  
2           An act relating to electric power generating  
3           plants; creating s. 403.5205, F.S.; providing  
4           legislative findings; providing additional  
5           conditions for locating simple cycle turbine  
6           electric plants; providing eligibility for  
7           cooperative-funding assistance for activities  
8           designed to promote alternative water supplies;  
9           providing an effective date.

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11 Be It Enacted by the Legislature of the State of Florida:

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13           Section 1. Section 403.5205, Florida Statutes, is  
14 created to read:15           403.5205 Permitting requirements for simple cycle  
16 turbine plants.--17           (1) The Legislature finds that the recent rapid  
18 expansion of proposed electric power plants that use simple  
19 cycle turbine processes are not subject to the  
20 regulatory-review requirements of the Florida Electrical Power  
21 Plant Siting Act. The continued proliferation of these types  
22 of plants will result in growth management problems for the  
23 counties in which they are located and affect the patterns of  
24 urban development and demands on water resources.25           (2)(a) Plants are encouraged to locate in coastal  
26 counties where they can be combined with reverse-osmosis  
27 facilities or other similar technologies to desalinate water  
28 resources to help meet potable water-supply needs.29           (b) Plants that are proposed to be combined with  
30 reverse-osmosis facilities or other similar desalination  
31 technologies are eligible to receive cooperative-funding

1 assistance from water management districts created under  
2 chapter 373 for those that have cooperative-funding-assistance  
3 programs for activities designed to promote alternative water  
4 supplies.

5 (3) Notwithstanding other requirements for permitting  
6 required by law, construction permit applications for simple  
7 cycle turbine electric plants must also demonstrate compliance  
8 with the following conditions:

9 (a) A plant may not be located within 1 mile of  
10 another existing electric generating plant whether it uses a  
11 simple cycle turbine or other technology.

12 (b) A plant may not be located in a county in which  
13 the electric generating capability of existing electric plants  
14 that serve that county would be exceeded by 25 percent of the  
15 electric power capability needed to serve the residents of  
16 that county.

17 (c) A plant must demonstrate that the sole source of  
18 its cooling water will be provided by the reuse of reclaimed  
19 waste water in order to assure protection of groundwater and  
20 surface water resources.

21 Section 2. This act shall take effect upon becoming a  
22 law.

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25 SENATE SUMMARY

26 Provides permitting requirements for simple cycle turbine  
27 electric power plants.

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