

Rep. Marlow H. Colvin

## Filed: 5/27/2009

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1	AMENDMENT TO SENATE BILL 658
2	AMENDMENT NO Amend Senate Bill 658, AS AMENDED, by
3	replacing everything after the enacting clause with the
4	following:
5	"Section 5. The Illinois Power Agency Act is amended by
6	changing Sections 1-10, 1-20, and 1-75 and by adding Sections
7	1-42 and 1-56 as follows:
8	(20 ILCS 3855/1-10)
9	(Text of Section before amendment by P.A. 95-1027)
10	Sec. 1-10. Definitions.
11	"Agency" means the Illinois Power Agency.
12	"Agency loan agreement" means any agreement pursuant to
13	which the Illinois Finance Authority agrees to loan the
14	proceeds of revenue bonds issued with respect to a project to
15	the Agency upon terms providing for loan repayment installments
16	at least sufficient to pay when due all principal of, interest

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and premium, if any, on those revenue bonds, and providing for maintenance, insurance, and other matters in respect of the project.

"Authority" means the Illinois Finance Authority.

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5 <u>"Clean coal SNG facility" means a facility that uses a</u> 6 <u>gasification process to produce substitute natural gas, that</u> 7 <u>sequesters at least 90% of the total carbon emissions that the</u> 8 <u>facility would otherwise emit and that uses petroleum coke or</u> 9 <u>coal as a feedstock, with all such coal having a high</u> 10 <u>bituminous rank and greater than 1.7 pounds of sulfur per</u> 11 million btu content.

"Commission" means the Illinois Commerce Commission.

13 "Costs incurred in connection with the development and 14 construction of a facility" means:

15 (1) the cost of acquisition of all real property and 16 improvements in connection therewith and equipment and 17 other property, rights, and easements acquired that are 18 deemed necessary for the operation and maintenance of the 19 facility;

(2) financing costs with respect to bonds, notes, and
other evidences of indebtedness of the Agency;

(3) all origination, commitment, utilization,
facility, placement, underwriting, syndication, credit
enhancement, and rating agency fees;

(4) engineering, design, procurement, consulting,
 legal, accounting, title insurance, survey, appraisal,

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escrow, trustee, collateral agency, interest rate hedging, interest rate swap, capitalized interest and other financing costs, and other expenses for professional services; and

5 (5) the costs of plans, specifications, site study and investigation, installation, surveys, other Agency costs 6 and estimates of costs, and other expenses necessary or 7 8 incidental to determining the feasibility of any project, 9 together with such other expenses as may be necessary or 10 incidental to the financing, insuring, acquisition, and construction of a specific project and placing that project 11 in operation. 12

13 "Department" means the Department of Commerce and Economic14 Opportunity.

15 "Director" means the Director of the Illinois Power Agency.
16 "Demand-response" means measures that decrease peak
17 electricity demand or shift demand from peak to off-peak
18 periods.

19 "Energy efficiency" means measures that reduce the amount 20 of electricity required to achieve a given end use.

21 "Electric utility" has the same definition as found in22 Section 16-102 of the Public Utilities Act.

23 "Facility" means an electric generating unit or a 24 co-generating unit that produces electricity along with 25 related equipment necessary to connect the facility to an 26 electric transmission or distribution system. 09600SB0658ham002 -4- LRB096 06724 MJR 27586 a

1 "Governmental aggregator" means one or more units of local 2 government that individually or collectively procure 3 electricity to serve residential retail electrical loads 4 located within its or their jurisdiction.

5 "Local government" means a unit of local government as 6 defined in Article VII of Section 1 of the Illinois 7 Constitution.

8 "Municipality" means a city, village, or incorporated 9 town.

10 "Person" means any natural person, firm, partnership, 11 corporation, either domestic or foreign, company, association, 12 limited liability company, joint stock company, or association 13 and includes any trustee, receiver, assignee, or personal 14 representative thereof.

15 "Project" means the planning, bidding, and construction of 16 a facility.

17 "Public utility" has the same definition as found in18 Section 3-105 of the Public Utilities Act.

19 "Real property" means any interest in land together with 20 all structures, fixtures, and improvements thereon, including 21 lands under water and riparian rights, any easements, 22 covenants, licenses, leases, rights-of-way, uses, and other 23 interests, together with any liens, judgments, mortgages, or 24 other claims or security interests related to real property.

25 "Renewable energy credit" means a tradable credit that 26 represents the environmental attributes of a certain amount of 1

energy produced from a renewable energy resource.

2 "Renewable energy resources" includes energy and its 3 associated renewable energy credit or renewable energy credits 4 from wind, solar thermal energy, photovoltaic cells and panels, 5 biodiesel, crops and untreated and unadulterated organic waste 6 biomass, trees and tree trimmings, hydropower that does not construction or significant expansion 7 involve new of dams, 8 hydropower and other alternative sources of 9 environmentally preferable energy. For purposes of this Act, 10 landfill gas produced in the State is considered a renewable 11 energy resource. "Renewable energy resources" does not include the incineration or burning of tires, garbage, general 12 household, institutional, and commercial waste, industrial 13 14 lunchroom or office waste, landscape waste other than trees and 15 trimmings, railroad crossties, utility poles, tree or 16 construction or demolition debris, other than untreated and 17 unadulterated waste wood.

"Revenue bond" means any bond, note, or other evidence of 18 19 indebtedness issued by the Authority, the principal and 20 interest of which is payable solely from revenues or income 21 derived from any project or activity of the Agency.

"Total resource cost test" or "TRC test" means a standard 22 23 that is met if, for an investment in energy efficiency or 24 demand-response measures, the benefit-cost ratio is greater 25 than one. The benefit-cost ratio is the ratio of the net 26 present value of the total benefits of the program to the net

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1 present value of the total costs as calculated over the 2 lifetime of the measures. A total resource cost test compares 3 the sum of avoided electric utility costs, representing the 4 benefits that accrue to the system and the participant in the 5 delivery of those efficiency measures, to the sum of all 6 incremental costs of end-use measures that are implemented due to the program (including both utility and participant 7 8 contributions), plus costs to administer, deliver, and 9 evaluate each demand-side program, to quantify the net savings 10 obtained by substituting the demand-side program for supply 11 resources. In calculating avoided costs of power and energy that an electric utility would otherwise have had to acquire, 12 13 reasonable estimates shall be included of financial costs likely to be imposed by future regulations and legislation on 14 15 emissions of greenhouse gases.

16 (Source: P.A. 95-481, eff. 8-28-07; 95-913, eff. 1-1-09.)

17 (Text of Section after amendment by P.A. 95-1027)

18 Sec. 1-10. Definitions.

19 "Agency" means the Illinois Power Agency.

20 "Agency loan agreement" means any agreement pursuant to 21 which the Illinois Finance Authority agrees to loan the 22 proceeds of revenue bonds issued with respect to a project to 23 the Agency upon terms providing for loan repayment installments 24 at least sufficient to pay when due all principal of, interest 25 and premium, if any, on those revenue bonds, and providing for 1 maintenance, insurance, and other matters in respect of the 2 project.

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"Authority" means the Illinois Finance Authority.

4 "Clean coal facility" means an electric generating 5 facility that uses primarily coal as a feedstock and that 6 captures and sequesters carbon emissions at the following levels: at least 50% of the total carbon emissions that the 7 facility would otherwise emit if, at the time construction 8 9 commences, the facility is scheduled to commence operation 10 before 2016, at least 70% of the total carbon emissions that 11 the facility would otherwise emit if, at the time construction commences, the facility is scheduled to commence operation 12 13 during 2016 or 2017, and at least 90% of the total carbon emissions that the facility would otherwise emit if, at the 14 15 time construction commences, the facility is scheduled to commence operation after 2017. The power block of the clean 16 coal facility shall not exceed allowable emission rates for 17 sulfur dioxide, nitrogen oxides, carbon monoxide, particulates 18 19 and mercury for a natural gas-fired combined-cycle facility the 20 same size as and in the same location as the clean coal 21 facility at the time the clean coal facility obtains an 22 approved air permit. All coal used by a clean coal facility 23 shall have high volatile bituminous rank and greater than 1.7 24 pounds of sulfur per million btu content, unless the clean coal 25 facility does not use gasification technology and was operating 26 as a conventional coal-fired electric generating facility on 09600SB0658ham002 -8- LRB096 06724 MJR 27586 a

June 1, 2009 (the effective date of <u>Public Act 95-1027)</u> this
 amendatory Act of the 95th General Assembly.

3 "Clean coal SNG facility" means a facility that uses a 4 gasification process to produce substitute natural gas, that 5 sequesters at least 90% of the total carbon emissions that the 6 facility would otherwise emit and that uses <u>petroleum coke or</u> 7 coal as a feedstock, with all such coal having a high 8 bituminous rank and greater than 1.7 pounds of sulfur per 9 million btu content.

10

"Commission" means the Illinois Commerce Commission.

11 "Costs incurred in connection with the development and 12 construction of a facility" means:

(1) the cost of acquisition of all real property and improvements in connection therewith and equipment and other property, rights, and easements acquired that are deemed necessary for the operation and maintenance of the facility;

18 (2) financing costs with respect to bonds, notes, and
19 other evidences of indebtedness of the Agency;

(3) all origination, commitment, utilization,
facility, placement, underwriting, syndication, credit
enhancement, and rating agency fees;

(4) engineering, design, procurement, consulting,
 legal, accounting, title insurance, survey, appraisal,
 escrow, trustee, collateral agency, interest rate hedging,
 interest rate swap, capitalized interest and other

1 financing costs, and other expenses for professional 2 services; and

(5) the costs of plans, specifications, site study and 3 4 investigation, installation, surveys, other Agency costs 5 and estimates of costs, and other expenses necessary or incidental to determining the feasibility of any project, 6 together with such other expenses as may be necessary or 7 incidental to the financing, insuring, acquisition, and 8 construction of a specific project and placing that project 9 10 in operation.

11 "Department" means the Department of Commerce and Economic12 Opportunity.

13 "Director" means the Director of the Illinois Power Agency.
14 "Demand-response" means measures that decrease peak
15 electricity demand or shift demand from peak to off-peak
16 periods.

17 "Energy efficiency" means measures that reduce the amount 18 of electricity required to achieve a given end use.

"Electric utility" has the same definition as found inSection 16-102 of the Public Utilities Act.

"Facility" means an electric generating unit or a co-generating unit that produces electricity along with related equipment necessary to connect the facility to an electric transmission or distribution system.

25 "Governmental aggregator" means one or more units of local 26 government that individually or collectively procure 09600SB0658ham002 -10- LRB096 06724 MJR 27586 a

electricity to serve residential retail electrical loads
 located within its or their jurisdiction.

3 "Local government" means a unit of local government as 4 defined in Article VII of Section 1 of the Illinois 5 Constitution.

6 "Municipality" means a city, village, or incorporated 7 town.

8 "Person" means any natural person, firm, partnership, 9 corporation, either domestic or foreign, company, association, 10 limited liability company, joint stock company, or association 11 and includes any trustee, receiver, assignee, or personal 12 representative thereof.

13 "Project" means the planning, bidding, and construction of 14 a facility.

15 "Public utility" has the same definition as found in 16 Section 3-105 of the Public Utilities Act.

17 "Real property" means any interest in land together with 18 all structures, fixtures, and improvements thereon, including 19 lands under water and riparian rights, any easements, 20 covenants, licenses, leases, rights-of-way, uses, and other 21 interests, together with any liens, judgments, mortgages, or 22 other claims or security interests related to real property.

23 "Renewable energy credit" means a tradable credit that 24 represents the environmental attributes of a certain amount of 25 energy produced from a renewable energy resource.

26 "Renewable energy resources" includes energy and its

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1 associated renewable energy credit or renewable energy credits 2 from wind, solar thermal energy, photovoltaic cells and panels, 3 biodiesel, crops and untreated and unadulterated organic waste 4 biomass, trees and tree trimmings, hydropower that does not 5 involve new construction or significant expansion of and other alternative 6 hvdropower dams, sources of 7 environmentally preferable energy. For purposes of this Act, 8 landfill gas produced in the State is considered a renewable 9 energy resource. "Renewable energy resources" does not include 10 the incineration or burning of tires, garbage, general 11 household, institutional, and commercial waste, industrial lunchroom or office waste, landscape waste other than trees and 12 13 tree trimmings, railroad crossties, utility poles, or construction or demolition debris, other than untreated and 14 15 unadulterated waste wood.

16 "Revenue bond" means any bond, note, or other evidence of 17 indebtedness issued by the Authority, the principal and 18 interest of which is payable solely from revenues or income 19 derived from any project or activity of the Agency.

20 "Sequester" means permanent storage of carbon dioxide by 21 injecting it into a saline aquifer, a depleted gas reservoir, 22 or an oil reservoir, directly or through an enhanced oil 23 recovery process that may involve intermediate storage in a 24 salt dome.

25 "Servicing agreement" means (i) in the case of an electric
26 utility, an agreement between the owner of a clean coal

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1 facility and such electric utility, which agreement shall have 2 terms and conditions meeting the requirements of paragraph (3) of subsection (d) of Section 1-75, and (ii) in the case of an 3 4 alternative retail electric supplier, an agreement between the 5 owner of a clean coal facility and such alternative retail 6 electric supplier, which agreement shall have terms and conditions meeting the requirements of Section 16-115(d)(5) of 7 8 the Public Utilities Act.

9 "Substitute natural gas" or "SNG" means a gas manufactured 10 by gasification of hydrocarbon feedstock, which is 11 substantially interchangeable in use and distribution with 12 conventional natural gas.

13 "Total resource cost test" or "TRC test" means a standard 14 that is met if, for an investment in energy efficiency or 15 demand-response measures, the benefit-cost ratio is greater 16 than one. The benefit-cost ratio is the ratio of the net present value of the total benefits of the program to the net 17 present value of the total costs as calculated over the 18 19 lifetime of the measures. A total resource cost test compares 20 the sum of avoided electric utility costs, representing the 21 benefits that accrue to the system and the participant in the delivery of those efficiency measures, to the sum of all 22 23 incremental costs of end-use measures that are implemented due 24 the program (including both utility and participant to 25 contributions), plus costs to administer, deliver, and evaluate each demand-side program, to quantify the net savings 26

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obtained by substituting the demand-side program for supply resources. In calculating avoided costs of power and energy that an electric utility would otherwise have had to acquire, reasonable estimates shall be included of financial costs likely to be imposed by future regulations and legislation on emissions of greenhouse gases.

7 (Source: P.A. 95-481, eff. 8-28-07; 95-913, eff. 1-1-09; 8 95-1027, eff. 6-1-09; revised 1-14-09.)

9 (20 ILCS 3855/1-20)

10 Sec. 1-20. General powers of the Agency.

11 (a) The Agency is authorized to do each of the following:

12 (1) Develop electricity procurement plans to ensure 13 adequate, reliable, affordable, efficient, and 14 environmentally sustainable electric service at the lowest 15 total cost over time, taking into account any benefits of price stability, for electric utilities that on December 16 17 31, 2005 provided electric service to at least 100,000 18 customers in Illinois. The procurement plans shall be 19 updated on an annual basis and shall include electricity 20 generated from renewable resources sufficient to achieve 21 the standards specified in this Act.

(2) Conduct competitive procurement processes to
 procure the supply resources identified in the procurement
 plan, pursuant to Section 16-111.5 of the Public Utilities
 Act.

1 (3) Develop electric generation and co-generation 2 facilities that use indigenous coal or renewable 3 resources, or both, financed with bonds issued by the 4 Illinois Finance Authority.

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5 (4) Supply electricity from the Agency's facilities at 6 cost to one or more of the following: municipal electric 7 systems, governmental aggregators, or rural electric 8 cooperatives in Illinois.

9 (b) Except as otherwise limited by this Act, the Agency has 10 all of the powers necessary or convenient to carry out the 11 purposes and provisions of this Act, including without 12 limitation, each of the following:

(1) To have a corporate seal, and to alter that seal at
 pleasure, and to use it by causing it or a facsimile to be
 affixed or impressed or reproduced in any other manner.

16 (2) To use the services of the Illinois Finance17 Authority necessary to carry out the Agency's purposes.

18 (3) To negotiate and enter into loan agreements and19 other agreements with the Illinois Finance Authority.

(4) To obtain and employ personnel and hire consultants
that are necessary to fulfill the Agency's purposes, and to
make expenditures for that purpose within the
appropriations for that purpose.

(5) To purchase, receive, take by grant, gift, devise,
bequest, or otherwise, lease, or otherwise acquire, own,
hold, improve, employ, use, and otherwise deal in and with,

real or personal property whether tangible or intangible,
 or any interest therein, within the State.

3 (6) To acquire real or personal property, whether tangible or intangible, including without limitation 4 5 property rights, interests in property, franchises, obligations, contracts, and debt and equity securities, 6 and to do so by the exercise of the power of eminent domain 7 8 in accordance with Section 1-21; except that any real 9 property acquired by the exercise of the power of eminent 10 domain must be located within the State.

11 (7) To sell, convey, lease, exchange, transfer, 12 abandon, or otherwise dispose of, or mortgage, pledge, or 13 create a security interest in, any of its assets, 14 properties, or any interest therein, wherever situated.

15 (8) To purchase, take, receive, subscribe for, or otherwise acquire, hold, make a tender offer for, vote, 16 employ, sell, lend, lease, exchange, transfer, 17 or 18 otherwise dispose of, mortgage, pledge, or grant a security 19 interest in, use, and otherwise deal in and with, bonds and 20 other obligations, shares, or other securities (or 21 interests therein) issued by others, whether engaged in a 22 similar or different business or activity.

(9) To make and execute agreements, contracts, and
other instruments necessary or convenient in the exercise
of the powers and functions of the Agency under this Act,
including contracts with any person, local government,

State agency, or other entity; and all State agencies and all local governments are authorized to enter into and do all things necessary to perform any such agreement, contract, or other instrument with the Agency. No such agreement, contract, or other instrument shall exceed 40 years.

7 (10) To lend money, invest and reinvest its funds in
8 accordance with the Public Funds Investment Act, and take
9 and hold real and personal property as security for the
10 payment of funds loaned or invested.

(11) To borrow money at such rate or rates of interest 11 12 as the Agency may determine, issue its notes, bonds, or 13 other obligations to evidence that indebtedness, and 14 secure any of its obligations by mortgage or pledge of its 15 property, machinery, or personal equipment, real structures, fixtures, inventories, revenues, grants, and 16 17 other funds as provided or any interest therein, wherever 18 situated.

19 (12) To enter into agreements with the Illinois Finance
20 Authority to issue bonds whether or not the income
21 therefrom is exempt from federal taxation.

(13) To procure insurance against any loss in
connection with its properties or operations in such amount
or amounts and from such insurers, including the federal
government, as it may deem necessary or desirable, and to
pay any premiums therefor.

1 (14) To negotiate and enter into agreements with 2 trustees or receivers appointed by United States 3 bankruptcy courts or federal district courts or in other 4 proceedings involving adjustment of debts and authorize 5 proceedings involving adjustment of debts and authorize legal counsel for the Agency to appear in any such 6 7 proceedings.

8 (15) To file a petition under Chapter 9 of Title 11 of 9 the United States Bankruptcy Code or take other similar 10 action for the adjustment of its debts.

11 (16) To enter into management agreements for the 12 operation of any of the property or facilities owned by the 13 Agency.

14 (17) To enter into an agreement to transfer and to 15 transfer any land, facilities, fixtures, or equipment of 16 the Agency to one or more municipal electric systems, 17 governmental aggregators, or rural electric agencies or 18 cooperatives, for such consideration and upon such terms as 19 the Agency may determine to be in the best interest of the 20 citizens of Illinois.

(18) To enter upon any lands and within any building whenever in its judgment it may be necessary for the purpose of making surveys and examinations to accomplish any purpose authorized by this Act.

(19) To maintain an office or offices at such place or
 places in the State as it may determine.

1 (20) To request information, and to make any inquiry, 2 investigation, survey, or study that the Agency may deem 3 necessary to enable it effectively to carry out the 4 provisions of this Act.

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(21) To accept and expend appropriations.

6 (22) To engage in any activity or operation that is 7 incidental to and in furtherance of efficient operation to 8 accomplish the Agency's purposes.

9 (23) To adopt, revise, amend, and repeal rules with 10 respect to its operations, properties, and facilities as 11 may be necessary or convenient to carry out the purposes of 12 this Act, subject to the provisions of the Illinois 13 Administrative Procedure Act and Sections 1-22 and 1-35 of 14 this Act.

15 (24) To establish and collect charges and fees as16 described in this Act.

17 (25) To procure natural gas and electricity commodities, and alternate resources such as demand 18 19 response and energy efficiency: (i) to support the 20 operations of State Agencies; and for (ii) local 21 governments that agree to such terms and conditions 22 included in intergovernmental agreements between the 23 Agency and the local government. These procurements are not 24 subject to the Procurement Code. This item (25) is an 25 exclusive power of the Agency and not a power of the Department of Central Management Services. All moneys 26

1	collected from the State agencies or local governments as
2	payment for procurement pursuant to this item (25) shall be
3	deposited into the Retail Commodity Revolving Fund. The
4	Agency may also provide estimated billing to the State
5	agencies or local governments for procurements under this
6	<u>item (25).</u>
7	(26) To procure substitute natural gas from a facility
8	that meets the criteria specified in subsection (a) of
9	Section 1-56 of this Act, on terms and conditions that may
10	be approved by the Agency pursuant to subsection (d) of
11	Section 1-56 of this Act, to support the operations of
12	State agencies and local governments that agree to such
13	terms and conditions. These procurements are not subject to
14	the Procurement Code.
15	(Source: P.A. 95-481, eff. 8-28-07.)
16	(20 ILCS 3855/1-42 new)
17	Sec. 1-42. Retail Commodity Revolving Fund.
18	(a) The Retail Commodity Revolving Fund is created as a
19	special fund in the State treasury.
20	(b) The Retail Commodity Revolving Fund shall be
21	administered by the Agency for the Agency's operations as
22	specified in this Section.
23	(c) All moneys used by the Agency from the Retail Commodity
24	Revolving Fund are subject to appropriation by the General
25	Assembly.

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1	(d) The Retail Commodity Revolving Fund shall have all fees
2	and other monies received by the Illinois Power Agency in
3	payment for procuring natural gas and electricity commodities,
4	and alternative resources such as demand response and energy
5	efficiency services rendered pursuant to this Act paid into it.
6	Except as otherwise provided in this Section, the monies in
7	this fund shall be used by the Agency as reimbursement for
, 8	expenditures incurred in relation to procurement services
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9	pursuant to item (25) of subsection (b) of Section 1-20 of this
10	Act.

11 (20 ILCS 3855/1-56 new)

12 <u>Sec. 1-56. Clean coal SNG facility construction.</u>

13 (a) It is the intention of the General Assembly to provide 14 additional long-term natural gas price stability to the State 15 and consumers by promoting the development of a clean coal SNG facility that would produce a minimum annual output of 30 Bcf 16 of SNG and commence construction no later than June 1, 2013 on 17 18 a brownfield site in a municipality with at least one million 19 residents. The costs associated with preparing a facility cost report for such a facility, which contains all of the 20 21 information required by subsection (b) of this Section, may be 22 paid or reimbursed pursuant to subsection (c) of this Section. 23 (b) The facility cost report for a facility that meets the 24 criteria set forth in subsection (a) of this Section shall be

25 prepared by a duly licensed engineering firm that details the

1	estimated capital costs payable to one or more contractors or
2	suppliers for the engineering, procurement, and construction
3	of the components comprising the facility and the estimated
4	costs of operation and maintenance of the facility. The report
5	must be provided to the General Assembly and the Agency on or
6	before April 30, 2010. The facility cost report shall include
7	all off the following:
8	(1) An estimate of the capital cost of the core plant
9	based on a front-end engineering and design study. The core
10	plant shall include all civil, structural, mechanical,
11	electrical, control, and safety systems. The quoted
12	construction costs shall be expressed in nominal dollars as
13	of the date that the quote is prepared and shall include:
14	(A) capitalized financing costs during
15	construction;
16	(B) taxes, insurance, and other owner's costs; and
17	(C) any assumed escalation in materials and labor
18	beyond the date as of which the construction cost quote
19	is expressed;
20	(2) An estimate of the capital cost of the balance of
21	the plant, including any capital costs associated with site
22	preparation and remediation, sequestration of carbon
23	dioxide emissions, and all interconnects and interfaces
24	required to operate the facility, such as construction or
25	backfeed power supply, pipelines to transport substitute
26	natural gas or carbon dioxide, potable water supply,

1	natural gas supply, water supply, water discharge,
2	landfill, access roads, and coal delivery. The front-end
3	engineering and design study and the cost study for the
4	balance of the plant shall include sufficient design work
5	to permit quantification of major categories of materials,
6	commodities and labor hours, and receipt of quotes from
7	vendors of major equipment required to construct and
8	operate the facility.
9	(3) An operating and maintenance cost quote that will
10	provide the estimated cost of delivered fuel, personnel,
11	maintenance contracts, chemicals, catalysts, consumables,
12	spares, and other fixed and variable operating and
13	maintenance costs. This quote is subject to the following
14	requirements:
15	(A) The delivered fuel cost estimate shall be
16	provided by a recognized third party expert or experts
17	in the fuel and transportation industries.
18	(B) The balance of the operating and maintenance
19	cost quote, excluding delivered fuel costs shall be
20	developed based on the inputs provided by a duly
21	licensed engineering firm performing the construction
22	cost quote, potential vendors under long-term service
23	agreements and plant operating agreements, or
24	recognized third-party plant operator or operators.
25	The operating and maintenance cost quote shall be
26	expressed in nominal dollars as of the date that the quote

1 is prepared and shall include (i) taxes, insurance, and other owner's costs and (ii) any assumed escalation in 2 materials and labor beyond the date as of which the 3 4 operating and maintenance cost quote is expressed. 5 (c) Reasonable amounts paid or due to be paid by the owner or owners of the clean coal SNG facility to third parties 6 unrelated to the owner or owners to prepare the facility cost 7 report may be reimbursed or paid up to \$10 million, through 8 9 funding authorized pursuant to 20 ILCS 3501/825-65. 10 (d) The Agency shall review the facility report and based 11 on that report, consider whether to enter into long term contracts to purchase SNG from the facility pursuant to Section 12 13 1-20 of this Act. To assist with its evaluation of the report, 14 the Agency may hire one or more experts or consultants, the 15 reasonable costs of which, not to exceed \$250,000, shall be 16 paid for by the owner or owners of the clean coal SNG facility submitting the facility cost report. The Agency may begin the 17 process of selecting such experts or consultants prior to 18

- 19 receipt of the facility cost report.
- 20 (20 ILCS 3855/1-75)

21 (Text of Section before amendment by P.A. 95-1027)

22 Sec. 1-75. Planning and Procurement Bureau. The Planning 23 and Procurement Bureau has the following duties and 24 responsibilities:

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(a) The Planning and Procurement Bureau shall each

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1 year, beginning in 2008, develop procurement plans and conduct competitive procurement processes in accordance 2 3 with the requirements of Section 16-111.5 of the Public Utilities Act for the eligible retail customers of electric 4 5 utilities that on December 31, 2005 provided electric service to at least 100,000 customers in Illinois. For the 6 purposes of this Section, the term "eligible retail 7 customers" has the same definition as found in Section 8 9 16-111.5(a) of the Public Utilities Act.

10 (1) The Agency shall each year, beginning in 2008, 11 as needed, issue a request for qualifications for 12 experts or expert consulting firms to develop the 13 procurement plans in accordance with Section 16-111.5 14 of the Public Utilities Act. In order to qualify an 15 expert or expert consulting firm must have:

16 (A) direct previous experience assembling
17 large-scale power supply plans or portfolios for
18 end-use customers;

19(B) an advanced degree in economics,20mathematics, engineering, risk management, or a21related area of study;

(C) 10 years of experience in the electricity
 sector, including managing supply risk;

24 (D) expertise in wholesale electricity market 25 rules, including those established by the Federal 26 Energy Regulatory Commission and regional

1 transmission organizations; 2 (E) expertise in credit protocols and 3 familiarity with contract protocols; 4 (F) adequate resources to perform and fulfill 5 the required functions and responsibilities; and (G) the absence of a conflict of interest and 6 inappropriate bias for or against potential 7 8 bidders or the affected electric utilities. 9 (2) The Agency shall each year, as needed, issue a 10 for qualifications for a request procurement 11 administrator to conduct the competitive procurement processes in accordance with Section 16-111.5 of the 12 13 Public Utilities Act. In order to qualify an expert or 14 expert consulting firm must have: 15 (A) direct previous experience administering a 16 large-scale competitive procurement process; 17 (B) an advanced degree in economics, 18 mathematics, engineering, or a related area of 19 study; 20 (C) 10 years of experience in the electricity 21 sector, including risk management experience; 22 (D) expertise in wholesale electricity market 23 rules, including those established by the Federal 24 Energy Regulatory Commission and regional 25 transmission organizations; 26 expertise in credit and (E) contract

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protocols;

2 (F) adequate resources to perform and fulfill
3 the required functions and responsibilities; and

4 (G) the absence of a conflict of interest and
5 inappropriate bias for or against potential
6 bidders or the affected electric utilities.

(3) The Agency shall provide affected utilities 7 8 and other interested parties with the lists of 9 qualified experts or expert consulting firms 10 identified through the request for qualifications 11 processes that are under consideration to develop the procurement plans and to serve as the procurement 12 13 administrator. The Agency shall also provide each 14 qualified expert's or expert consulting firm's 15 response to the request for qualifications. All 16 information provided under this subparagraph shall also be provided to the Commission. The Agency may 17 18 provide by rule for fees associated with supplying the information to utilities and other interested parties. 19 20 These parties shall, within 5 business days, notify the 21 Agency in writing if they object to any experts or 22 expert consulting firms on the lists. Objections shall 23 be based on:

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(A) failure to satisfy qualification criteria;

(B) identification of a conflict of interest;or

1 (C) evidence of inappropriate bias for or 2 against potential bidders or the affected 3 utilities.

4 Agency shall remove experts or expert The 5 consulting firms from the lists within 10 days if there is a reasonable basis for an objection and provide the 6 updated lists to the affected utilities and other 7 8 interested parties. If the Agency fails to remove an 9 expert or expert consulting firm from a list, an 10 objecting party may seek review by the Commission 11 within 5 days thereafter by filing a petition, and the Commission shall render a ruling on the petition within 12 13 10 days. There is no right of appeal of the 14 Commission's ruling.

15 (4) The Agency shall issue requests for proposals
16 to the qualified experts or expert consulting firms to
17 develop a procurement plan for the affected utilities
18 and to serve as procurement administrator.

19 (5) The Agency shall select an expert or expert 20 consulting firm to develop procurement plans based on 21 the proposals submitted and shall award one-year 22 contracts to those selected with an option for the 23 Agency for a one-year renewal.

(6) The Agency shall select an expert or expert
 consulting firm, with approval of the Commission, to
 serve as procurement administrator based on the

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proposals submitted. If the Commission rejects, within 1 5 days, the Agency's selection, the Agency shall submit 2 another recommendation within 3 days based on the 3 proposals submitted. The Agency shall award a one-year 4 5 contract to the expert or expert consulting firm so selected with Commission approval with an option for 6 7 the Agency for a one-year renewal.

8 (b) The experts or expert consulting firms retained by 9 the Agency shall, as appropriate, prepare procurement 10 plans, and conduct a competitive procurement process as prescribed in Section 16-111.5 of the Public Utilities Act, 11 to ensure adequate, reliable, affordable, efficient, and 12 13 environmentally sustainable electric service at the lowest 14 total cost over time, taking into account any benefits of 15 price stability, for eligible retail customers of electric 16 utilities that on December 31, 2005 provided electric service to at least 100,000 customers in the State of 17 18 Illinois.

19

(c) Renewable portfolio standard.

20 (1)The procurement plans shall include 21 cost-effective renewable energy resources. A minimum 22 percentage of each utility's total supply to serve the 23 load of eligible retail customers, as defined in 24 Section 16-111.5(a) of the Public Utilities Act, 25 procured for each of the following years shall be 26 generated from cost-effective renewable energy -29- LRB096 06724 MJR 27586 a

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resources: at least 2% by June 1, 2008; at least 4% by 1 June 1, 2009; at least 5% by June 1, 2010; at least 6% 2 3 by June 1, 2011; at least 7% by June 1, 2012; at least 4 8% by June 1, 2013; at least 9% by June 1, 2014; at 5 least 10% by June 1, 2015; and increasing by at least 1.5% each year thereafter to at least 25% by June 1, 6 2025. To the extent that it is available, at least 75% 7 8 of the renewable energy resources used to meet these 9 standards shall come from wind generation. For 10 purposes of this Section, "cost-effective" means that 11 the costs of procuring renewable energy resources do 12 not cause the limit stated in paragraph (2) of this 13 subsection (c) to be exceeded.

14 (2) For purposes of this subsection (c), the 15 required procurement of cost-effective renewable 16 energy resources for a particular year shall be measured as a percentage of the actual amount of 17 18 electricity (megawatt-hours) supplied by the electric 19 utility to eligible retail customers in the planning 20 year ending immediately prior to the procurement. For 21 purposes of this subsection (c), the amount per 22 kilowatthour means the total amount paid for electric 23 service expressed on a per kilowatthour basis. For 24 purposes of this subsection (c), the total amount paid for electric service includes without limitation 25 26 amounts paid for supply, transmission, distribution,

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surcharges, and add-on taxes.

2 Notwithstanding the requirements of this 3 subsection (c), the total of renewable energy resources procured pursuant to the procurement plan 4 for any single year shall be reduced by an amount 5 necessary to limit the annual estimated average net 6 increase due to the costs of these resources included 7 8 in the amounts paid by eligible retail customers in 9 connection with electric service to:

10(A) in 2008, no more than 0.5% of the amount11paid per kilowatthour by those customers during12the year ending May 31, 2007;

(B) in 2009, the greater of an additional 0.5%
of the amount paid per kilowatthour by those
customers during the year ending May 31, 2008 or 1%
of the amount paid per kilowatthour by those
customers during the year ending May 31, 2007;

(C) in 2010, the greater of an additional 0.5%
of the amount paid per kilowatthour by those
customers during the year ending May 31, 2009 or
1.5% of the amount paid per kilowatthour by those
customers during the year ending May 31, 2007;

(D) in 2011, the greater of an additional 0.5%
of the amount paid per kilowatthour by those
customers during the year ending May 31, 2010 or 2%
of the amount paid per kilowatthour by those

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customers during the year ending May 31, 2007; and

2 (E) thereafter, the amount of renewable energy 3 resources procured pursuant to the procurement plan for any single year shall be reduced by an 4 5 amount necessary to limit the estimated average net increase due to the cost of these resources 6 7 included in the amounts paid by eligible retail 8 customers in connection with electric service to 9 no more than the greater of 2.015% of the amount 10 paid per kilowatthour by those customers during the year ending May 31, 2007 or the incremental 11 12 amount per kilowatthour paid for these resources 13 in 2011.

14 No later than June 30, 2011, the Commission shall 15 review the limitation on the amount of renewable energy 16 resources procured pursuant to this subsection (c) and 17 report to the General Assembly its findings as to 18 whether that limitation unduly constrains the 19 procurement of cost-effective renewable energy 20 resources.

(3) Through June 1, 2011, renewable energy
resources shall be counted for the purpose of meeting
the renewable energy standards set forth in paragraph
(1) of this subsection (c) only if they are generated
from facilities located in the State, provided that
cost-effective renewable energy resources are

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available from those facilities. Τf 1 those 2 cost-effective resources are not available in 3 Illinois, they shall be procured in states that adjoin Illinois and may be counted towards compliance. If 4 5 those cost-effective resources are not available in Illinois or in states that adjoin Illinois, they shall 6 be purchased elsewhere and shall be counted towards 7 June 1, 2011, cost-effective 8 compliance. After 9 renewable energy resources located in Illinois and in 10 states that adjoin Illinois may be counted towards 11 compliance with the standards set forth in paragraph (1) of this subsection (c). If those cost-effective 12 resources are not available in Illinois or in states 13 14 that adjoin Illinois, they shall be purchased 15 elsewhere and shall be counted towards compliance.

16 (4) The electric utility shall retire all
17 renewable energy credits used to comply with the
18 standard.

(d) The draft procurement plans are subject to public
comment, as required by Section 16-111.5 of the Public
Utilities Act.

(e) The Agency shall submit the final procurement plan
to the Commission. The Agency shall revise a procurement
plan if the Commission determines that it does not meet the
standards set forth in Section 16-111.5 of the Public
Utilities Act.

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1 (f) The Agency shall assess fees to each affected 2 utility to recover the costs incurred in preparation of the 3 annual procurement plan for the utility.

4 (g) The Agency shall assess fees to each bidder to
5 recover the costs incurred in connection with a competitive
6 procurement process.

7 <u>(i) Except in cases where the Agency or the Commission</u> 8 <u>has solicited written or oral comment, firms, including,</u> 9 <u>their representatives and trade associations, that are</u> 10 <u>eligible to bid in Agency procurements must not communicate</u> 11 <u>with the Agency or any consultants retained by the Agency</u> 12 <u>on nonprocedural issues.</u>

13 (Source: P.A. 95-481, eff. 8-28-07.)

14 (Text of Section after amendment by P.A. 95-1027)

Sec. 1-75. Planning and Procurement Bureau. The Planning and Procurement Bureau has the following duties and responsibilities:

18 (a) The Planning and Procurement Bureau shall each 19 year, beginning in 2008, develop procurement plans and 20 conduct competitive procurement processes in accordance with the requirements of Section 16-111.5 of the Public 21 22 Utilities Act for the eligible retail customers of electric 23 utilities that on December 31, 2005 provided electric 24 service to at least 100,000 customers in Illinois. For the 25 purposes of this Section, the term "eligible retail

1 customers" has the same definition as found in Section 16-111.5(a) of the Public Utilities Act. 2 3 (1) The Agency shall each year, beginning in 2008, as needed, issue a request for qualifications for 4 5 experts or expert consulting firms to develop the procurement plans in accordance with Section 16-111.5 6 of the Public Utilities Act. In order to qualify an 7 8 expert or expert consulting firm must have: 9 (A) direct previous experience assembling 10 large-scale power supply plans or portfolios for 11 end-use customers: 12 (B) an advanced degree in economics, 13 mathematics, engineering, risk management, or a 14 related area of study; 15 (C) 10 years of experience in the electricity 16 sector, including managing supply risk; (D) expertise in wholesale electricity market 17 18 rules, including those established by the Federal 19 Energy Regulatory Commission and regional 20 transmission organizations; 21 (E) expertise in credit protocols and 22 familiarity with contract protocols; 23 (F) adequate resources to perform and fulfill 24 the required functions and responsibilities; and 25 (G) the absence of a conflict of interest and 26 inappropriate bias for or against potential

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1 bidders or the affected electric utilities. 2 (2) The Agency shall each year, as needed, issue a 3 request for qualifications for a procurement administrator to conduct the competitive procurement 4 5 processes in accordance with Section 16-111.5 of the Public Utilities Act. In order to qualify an expert or 6 7 expert consulting firm must have: 8 (A) direct previous experience administering a 9 large-scale competitive procurement process; 10 (B) advanced degree in economics, an 11 mathematics, engineering, or a related area of 12 study; 13 (C) 10 years of experience in the electricity 14 sector, including risk management experience; 15 (D) expertise in wholesale electricity market 16 rules, including those established by the Federal 17 Energy Regulatory Commission and regional 18 transmission organizations; 19 (E) expertise in credit and contract 20 protocols; 21 (F) adequate resources to perform and fulfill 22 the required functions and responsibilities; and 23 (G) the absence of a conflict of interest and 24 inappropriate bias for or against potential 25 bidders or the affected electric utilities. 26 (3) The Agency shall provide affected utilities -36- LRB096 06724 MJR 27586 a

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1 and other interested parties with the lists of 2 qualified experts expert consulting firms or 3 identified through the request for qualifications 4 processes that are under consideration to develop the 5 procurement plans and to serve as the procurement administrator. The Agency shall also provide each 6 qualified expert's or expert consulting firm's 7 8 response to the request for qualifications. All 9 information provided under this subparagraph shall 10 also be provided to the Commission. The Agency may 11 provide by rule for fees associated with supplying the information to utilities and other interested parties. 12 13 These parties shall, within 5 business days, notify the 14 Agency in writing if they object to any experts or 15 expert consulting firms on the lists. Objections shall 16 be based on:

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(A) failure to satisfy qualification criteria;

18 (B) identification of a conflict of interest;
19 or

20 (C) evidence of inappropriate bias for or
21 against potential bidders or the affected
22 utilities.

The Agency shall remove experts or expert consulting firms from the lists within 10 days if there is a reasonable basis for an objection and provide the updated lists to the affected utilities and other -37- LRB096 06724 MJR 27586 a

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interested parties. If the Agency fails to remove an
expert or expert consulting firm from a list, an
objecting party may seek review by the Commission
within 5 days thereafter by filing a petition, and the
Commission shall render a ruling on the petition within
10 days. There is no right of appeal of the
Commission's ruling.

8 (4) The Agency shall issue requests for proposals 9 to the qualified experts or expert consulting firms to 10 develop a procurement plan for the affected utilities 11 and to serve as procurement administrator.

12 (5) The Agency shall select an expert or expert 13 consulting firm to develop procurement plans based on 14 the proposals submitted and shall award one-year 15 contracts to those selected with an option for the 16 Agency for a one-year renewal.

(6) The Agency shall select an expert or expert 17 18 consulting firm, with approval of the Commission, to 19 serve as procurement administrator based on the 20 proposals submitted. If the Commission rejects, within 21 5 days, the Agency's selection, the Agency shall submit 22 another recommendation within 3 days based on the proposals submitted. The Agency shall award a one-year 23 24 contract to the expert or expert consulting firm so 25 selected with Commission approval with an option for 26 the Agency for a one-year renewal.

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(b) The experts or expert consulting firms retained by 1 the Agency shall, as appropriate, prepare procurement 2 3 plans, and conduct a competitive procurement process as prescribed in Section 16-111.5 of the Public Utilities Act, 4 5 to ensure adequate, reliable, affordable, efficient, and environmentally sustainable electric service at the lowest 6 7 total cost over time, taking into account any benefits of 8 price stability, for eligible retail customers of electric 9 utilities that on December 31, 2005 provided electric 10 service to at least 100,000 customers in the State of 11 Illinois.

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## (c) Renewable portfolio standard.

13 procurement plans shall (1)The include 14 cost-effective renewable energy resources. A minimum 15 percentage of each utility's total supply to serve the 16 load of eligible retail customers, as defined in Section 16-111.5(a) of the Public Utilities Act, 17 18 procured for each of the following years shall be 19 generated from cost-effective renewable energy 20 resources: at least 2% by June 1, 2008; at least 4% by June 1, 2009; at least 5% by June 1, 2010; at least 6% 21 22 by June 1, 2011; at least 7% by June 1, 2012; at least 23 8% by June 1, 2013; at least 9% by June 1, 2014; at 24 least 10% by June 1, 2015; and increasing by at least 25 1.5% each year thereafter to at least 25% by June 1, 26 2025. To the extent that it is available, at least 75% -39- LRB096 06724 MJR 27586 a

of the renewable energy resources used to meet these 1 2 standards shall come from wind generation. For 3 purposes of this subsection (c), "cost-effective" means that the costs of procuring renewable energy 4 5 resources do not cause the limit stated in paragraph (2) of this subsection (c) to be exceeded and do not 6 7 exceed benchmarks based on market prices for renewable 8 energy resources in the region, which shall be 9 developed by the procurement administrator, in 10 consultation with the Commission staff, Agency staff, 11 and the procurement monitor and shall be subject to 12 Commission review and approval.

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13 (2) For purposes of this subsection (c), the 14 required procurement of cost-effective renewable 15 energy resources for a particular year shall be measured as a percentage of the actual amount of 16 17 electricity (megawatt-hours) supplied by the electric 18 utility to eligible retail customers in the planning 19 year ending immediately prior to the procurement. For 20 purposes of this subsection (c), the amount paid per 21 kilowatthour means the total amount paid for electric 22 service expressed on a per kilowatthour basis. For 23 purposes of this subsection (c), the total amount paid 24 for electric service includes without limitation 25 amounts paid for supply, transmission, distribution, 26 surcharges, and add-on taxes.

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Notwithstanding the requirements of this subsection (c), the total of renewable energy resources procured pursuant to the procurement plan for any single year shall be reduced by an amount necessary to limit the annual estimated average net increase due to the costs of these resources included in the amounts paid by eligible retail customers in connection with electric service to:

(A) in 2008, no more than 0.5% of the amount paid per kilowatthour by those customers during the year ending May 31, 2007;

(B) in 2009, the greater of an additional 0.5% of the amount paid per kilowatthour by those customers during the year ending May 31, 2008 or 1% of the amount paid per kilowatthour by those customers during the year ending May 31, 2007;

(C) in 2010, the greater of an additional 0.5%
of the amount paid per kilowatthour by those
customers during the year ending May 31, 2009 or
1.5% of the amount paid per kilowatthour by those
customers during the year ending May 31, 2007;

(D) in 2011, the greater of an additional 0.5%
of the amount paid per kilowatthour by those
customers during the year ending May 31, 2010 or 2%
of the amount paid per kilowatthour by those
customers during the year ending May 31, 2007; and

(E) thereafter, the amount of renewable energy 1 resources procured pursuant to the procurement 2 3 plan for any single year shall be reduced by an amount necessary to limit the estimated average 4 5 net increase due to the cost of these resources included in the amounts paid by eligible retail 6 customers in connection with electric service to 7 8 no more than the greater of 2.015% of the amount 9 paid per kilowatthour by those customers during 10 the year ending May 31, 2007 or the incremental amount per kilowatthour paid for these resources 11 in 2011. 12

13 No later than June 30, 2011, the Commission shall 14 review the limitation on the amount of renewable energy 15 resources procured pursuant to this subsection (c) and report to the General Assembly its findings as to 16 17 whether that limitation unduly constrains the 18 procurement of cost-effective renewable energy 19 resources.

20 (3) Through June 1, 2011, renewable energy 21 resources shall be counted for the purpose of meeting 22 the renewable energy standards set forth in paragraph 23 (1) of this subsection (c) only if they are generated 24 from facilities located in the State, provided that 25 cost-effective renewable energy resources are 26 available from those facilities. If those

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cost-effective available 1 resources are not in 2 Illinois, they shall be procured in states that adjoin 3 Illinois and may be counted towards compliance. If those cost-effective resources are not available in 4 5 Illinois or in states that adjoin Illinois, they shall be purchased elsewhere and shall be counted towards 6 compliance. 1, 2011, cost-effective 7 After June 8 renewable energy resources located in Illinois and in 9 states that adjoin Illinois may be counted towards 10 compliance with the standards set forth in paragraph 11 (1) of this subsection (c). If those cost-effective resources are not available in Illinois or in states 12 13 adjoin Illinois, they shall be purchased that 14 elsewhere and shall be counted towards compliance.

15 (4) The electric utility shall retire all
16 renewable energy credits used to comply with the
17 standard.

18 (d) Clean coal portfolio standard.

19 (1) The procurement plans shall include electricity 20 generated using clean coal. Each utility shall enter into 21 one or more sourcing agreements with the initial clean coal 22 facility, as provided in paragraph (3) of this subsection 23 (d), covering electricity generated by the initial clean 24 coal facility representing at least 5% of each utility's 25 total supply to serve the load of eligible retail customers 26 in 2015 and each year thereafter, as described in paragraph -43- LRB096 06724 MJR 27586 a

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1 (3) of this subsection (d), subject to the limits specified in paragraph (2) of this subsection (d). It is the goal of 2 the State that by January 1, 2025, 25% of the electricity 3 used in the State shall be generated by cost-effective 4 5 clean coal facilities. For purposes of this subsection (d), "cost-effective" means that the expenditures pursuant to 6 7 such sourcing agreements do not cause the limit stated in 8 paragraph (2) of this subsection (d) to be exceeded and do 9 not exceed cost-based benchmarks, which shall be developed 10 to assess all expenditures pursuant to such sourcing agreements covering electricity generated by clean coal 11 facilities, other than the initial clean coal facility, by 12 13 the procurement administrator, in consultation with the 14 Commission staff, Agency staff, and the procurement 15 monitor and shall be subject to Commission review and 16 approval.

(A) A utility party to a sourcing agreement shall
immediately retire any emission credits that it
receives in connection with the electricity covered by
such agreement.

(B) Utilities shall maintain adequate records
documenting the purchases under the sourcing agreement
to comply with this subsection (d) and shall file an
accounting with the load forecast that must be filed
with the Agency by July 15 of each year, in accordance
with subsection (d) of Section 16-111.5 of the Public

1 Utilities Act.

2 (C) A utility shall be deemed to have complied with 3 the clean coal portfolio standard specified in this 4 subsection (d) if the utility enters into a sourcing 5 agreement as required by this subsection (d).

(2) For purposes of this subsection (d), the required 6 7 execution of sourcing agreements with the initial clean 8 coal facility for a particular year shall be measured as a 9 percentage of the actual amount of electricity 10 (megawatt-hours) supplied by the electric utility to eligible retail customers in the planning year ending 11 immediately prior to the agreement's execution. 12 For 13 purposes of this subsection (d), the amount paid per 14 kilowatthour means the total amount paid for electric 15 service expressed on a per kilowatthour basis. For purposes of this subsection (d), the total amount paid for electric 16 17 service includes without limitation amounts paid for 18 supply, transmission, distribution, surcharges and add-on 19 taxes.

20 Notwithstanding the requirements of this subsection 21 (d), the total amount paid under sourcing agreements with 22 clean coal facilities pursuant to the procurement plan for 23 any given year shall be reduced by an amount necessary to 24 limit the annual estimated average net increase due to the 25 costs of these resources included in the amounts paid by 26 eligible retail customers in connection with electric service to:

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(A) in 2010, no more than 0.5% of the amount paid per kilowatthour by those customers during the year ending May 31, 2009;

(B) in 2011, the greater of an additional 0.5% of the amount paid per kilowatthour by those customers during the year ending May 31, 2010 or 1% of the amount paid per kilowatthour by those customers during the year ending May 31, 2009;

(C) in 2012, the greater of an additional 0.5% of the amount paid per kilowatthour by those customers during the year ending May 31, 2011 or 1.5% of the amount paid per kilowatthour by those customers during the year ending May 31, 2009;

(D) in 2013, the greater of an additional 0.5% of the amount paid per kilowatthour by those customers during the year ending May 31, 2012 or 2% of the amount paid per kilowatthour by those customers during the year ending May 31, 2009; and

20 (E) thereafter, the total amount paid under 21 sourcing agreements with clean coal facilities 22 pursuant to the procurement plan for any single 23 year shall be reduced by an amount necessary to 24 limit the estimated average net increase due to the 25 cost of these resources included in the amounts 26 paid by eligible retail customers in connection

with electric service to no more than the greater 1 2 of (i) 2.015% of the amount paid per kilowatthour 3 by those customers during the year ending May 31, 2009 or (ii) the incremental amount 4 per 5 kilowatthour paid for these resources in 2013. These requirements may be altered only as provided 6 7 by statute. No later than June 30, 2015, the 8 Commission shall review the limitation on the 9 total amount paid under sourcing agreements, if 10 any, with clean coal facilities pursuant to this subsection (d) and report to the General Assembly 11 12 its findings as to whether that limitation unduly 13 constrains the amount of electricity generated by 14 cost-effective clean coal facilities that is 15 covered by sourcing agreements.

(3) Initial clean coal facility. In order to promote 16 17 development of clean coal facilities in Illinois, each 18 electric utility subject to this Section shall execute a 19 sourcing agreement to source electricity from a proposed 20 clean coal facility in Illinois (the "initial clean coal 21 facility") that will have a nameplate capacity of at least 22 500 MW when commercial operation commences, that has a 23 final Clean Air Act permit on the effective date of this 24 amendatory Act of the 95th General Assembly, and that will 25 meet the definition of clean coal facility in Section 1-10 26 of this Act when commercial operation commences. The

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sourcing agreements with this initial clean coal facility 1 shall be subject to both approval of the initial clean coal 2 3 facility by the General Assembly and satisfaction of the requirements of paragraph (4) of this subsection (d) and 4 5 shall be executed within 90 days after any such approval by the General Assembly. The Agency and the Commission shall 6 have authority to inspect all books and records associated 7 8 with the initial clean coal facility during the term of 9 such a sourcing agreement. A utility's sourcing agreement 10 for electricity produced by the initial clean coal facility 11 shall include:

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12 (A) a formula contractual price (the "contract
13 price") approved pursuant to paragraph (4) of this
14 subsection (d), which shall:

15 (i) be determined using a cost of service 16 methodology employing either a level or deferred capital recovery component, based on a capital 17 18 structure consisting of 45% equity and 55% debt, 19 and a return on equity as may be approved by the 20 Federal Energy Regulatory Commission, which in any 21 case may not exceed the lower of 11.5% or the rate 22 of return approved by the General Assembly 23 pursuant to paragraph (4) of this subsection (d); 24 and

(ii) provide that all miscellaneous net
 revenue, including but not limited to net revenue

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from the sale of emission allowances, if any, 1 substitute natural gas, if any, grants or other 2 3 support provided by the State of Illinois or the United States Government, firm transmission 4 5 any, by-products produced by the rights, if facility, energy or capacity derived from the 6 7 facility and not covered by a sourcing agreement 8 pursuant to paragraph (3) of this subsection (d) or 9 item (5) of subsection (d) of Section 16-115 of the 10 Public Utilities Act, whether generated from the 11 synthesis gas derived from coal, from SNG, or from 12 natural gas, shall be credited against the revenue 13 requirement for this initial clean coal facility; 14 (B) power purchase provisions, which shall:

15 (i) provide that the utility party to such 16 sourcing agreement shall pay the contract price 17 for electricity delivered under such sourcing 18 agreement;

(ii) require delivery of electricity to the
regional transmission organization market of the
utility that is party to such sourcing agreement;

(iii) require the utility party to such
sourcing agreement to buy from the initial clean
coal facility in each hour an amount of energy
equal to all clean coal energy made available from
the initial clean coal facility during such hour

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times a fraction, the numerator of which is such 1 utility's retail market sales of electricity 2 3 (expressed in kilowatthours sold) in the State during the prior calendar month and the 4 5 denominator of which is the total retail market sales of electricity (expressed in kilowatthours 6 7 sold) in the State by utilities during such prior 8 month and the sales of electricity (expressed in 9 kilowatthours sold) in the State by alternative 10 retail electric suppliers during such prior month that are subject to the requirements of this 11 subsection (d) and paragraph (5) of subsection (d) 12 13 of Section 16-115 of the Public Utilities Act, 14 provided that the amount purchased by the utility 15 in any year will be limited by paragraph (2) of 16 this subsection (d); and

17 (iv) be considered pre-existing contracts in 18 such utility's procurement plans for eligible 19 retail customers;

20 (C) contract for differences provisions, which 21 shall:

(i) require the utility party to such sourcing
agreement to contract with the initial clean coal
facility in each hour with respect to an amount of
energy equal to all clean coal energy made
available from the initial clean coal facility

during such hour times a fraction, the numerator of 1 which is such utility's retail market sales of 2 3 electricity (expressed in kilowatthours sold) in utility's service territory in the State 4 the 5 calendar month during the prior and the denominator of which is the total retail market 6 sales of electricity (expressed in kilowatthours 7 8 sold) in the State by utilities during such prior 9 month and the sales of electricity (expressed in 10 kilowatthours sold) in the State by alternative 11 retail electric suppliers during such prior month that are subject to the requirements of this 12 13 subsection (d) and paragraph (5) of subsection (d) 14 of Section 16-115 of the Public Utilities Act, 15 provided that the amount paid by the utility in any 16 year will be limited by paragraph (2) of this 17 subsection (d);

18 (ii) provide that the utility's payment 19 obligation in respect of the quantity of 20 electricity determined pursuant to the preceding 21 clause (i) shall be limited to an amount equal to 22 (1) the difference between the contract price 23 determined pursuant to subparagraph (A) of 24 paragraph (3) of this subsection (d) and the 25 day-ahead price for electricity delivered to the 26 regional transmission organization market of the

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utility that is party to such sourcing agreement 1 (or any successor delivery point at which such 2 3 utility's supply obligations are financially settled on an hourly basis) (the "reference 4 5 price") on the day preceding the day on which the electricity is delivered to the initial clean coal 6 7 facility busbar, multiplied by (2) the quantity of 8 electricity determined pursuant to the preceding 9 clause (i); and

10 (iii) not require the utility to take physical 11 delivery of the electricity produced by the 12 facility;

(D) general provisions, which shall:

14 (i) specify a term of no more than 30 years, 15 commencing on the commercial operation date of the 16 facility;

(ii) provide that utilities shall maintain 17 18 adequate records documenting purchases under the 19 sourcing agreements entered into to comply with 20 this subsection (d) and shall file an accounting with the load forecast that must be filed with the 21 22 Agency by July 15 of each year, in accordance with 23 subsection (d) of Section 16-111.5 of the Public 24 Utilities Act.

(iii) provide that all costs associated withthe initial clean coal facility will be

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1periodically reported to the Federal Energy2Regulatory Commission and to purchasers in3accordance with applicable laws governing4cost-based wholesale power contracts;

(iv) permit the Illinois Power Agency to assume ownership of the initial clean coal facility, without monetary consideration and otherwise on reasonable terms acceptable to the Agency, if the Agency so requests no less than 3 years prior to the end of the stated contract term;

11 (v) require the owner of the initial clean coal provide documentation 12 facility to to the 13 Commission each year, starting in the facility's 14 first year of commercial operation, accurately 15 reporting the quantity of carbon emissions from 16 facility that have been the captured and sequestered and report any quantities of carbon 17 released from the site or sites at which carbon 18 19 emissions were sequestered in prior years, based 20 on continuous monitoring of such sites. If, in any 21 year after the first year of commercial operation, 22 the owner of the facility fails to demonstrate that 23 the initial clean coal facility captured and 24 sequestered at least 50% of the total carbon 25 emissions that the facility would otherwise emit 26 or that sequestration of emissions from prior

years has failed, resulting in the release of 1 carbon dioxide into the atmosphere, the owner of 2 3 the facility must offset excess emissions. Any such carbon offsets must be permanent, additional, 4 5 verifiable, real, located within the State of Illinois, and legally and practicably enforceable. 6 The cost of such offsets for the facility that are 7 8 not recoverable shall not exceed \$15 million in any 9 given year. No costs of any such purchases of 10 carbon offsets may be recovered from a utility or 11 its customers. All carbon offsets purchased for this purpose and any carbon emission credits 12 13 associated with sequestration of carbon from the 14 facility must be permanently retired. The initial 15 clean coal facility shall not forfeit its designation as a clean coal facility if 16 the 17 facility fails to fully comply with the applicable 18 carbon sequestration requirements in any given 19 vear, provided the requisite offsets are 20 purchased. However, the Attorney General, on 21 behalf of the People of the State of Illinois, may 22 specifically enforce the facility's sequestration 23 requirement and the other terms of this contract 24 provision. Compliance with the sequestration 25 requirements and offset purchase requirements 26 specified in paragraph (3) of this subsection (d)

1 shall be reviewed annually by an independent expert retained by the owner of the initial clean 2 3 coal facility, with the advance written approval of the Attorney General. The Commission may, in the 4 5 course of the review specified in item (vii), reduce the allowable return on equity for the 6 facility if the facility wilfully fails to comply 7 8 with the carbon capture and sequestration 9 requirements set forth in this item (v);

10 (vi) include limits on, and accordingly 11 provide for modification of, the amount the 12 utility is required to source under the sourcing 13 agreement consistent with paragraph (2) of this 14 subsection (d);

15 require Commission review: (1)(vii) to 16 determine the justness, reasonableness, and 17 prudence of the inputs to the formula referenced in 18 subparagraphs (A)(i) through (A)(iii) of paragraph (3) of this subsection (d), prior to an adjustment 19 20 in those inputs including, without limitation, the 21 capital structure and return on equity, fuel 22 costs, and other operations and maintenance costs 23 and (2) to approve the costs to be passed through 24 to customers under the sourcing agreement by which 25 the utility satisfies its statutory obligations. 26 Commission review shall occur no less than every 3 1

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years, regardless of whether any adjustments have been proposed, and shall be completed within 9 months;

4 (viii) limit the utility's obligation to such 5 amount as the utility is allowed to recover through 6 tariffs filed with the Commission, provided that 7 neither the clean coal facility nor the utility 8 waives any right to assert federal pre-emption or 9 any other argument in response to a purported 10 disallowance of recovery costs;

(ix) limit the utility's or alternative retail electric supplier's obligation to incur any liability until such time as the facility is in commercial operation and generating power and energy and such power and energy is being delivered to the facility busbar;

17 (x) provide that the owner or owners of the 18 initial clean coal facility, which is the 19 counterparty to such sourcing agreement, shall 20 have the right from time to time to elect whether 21 the obligations of the utility party thereto shall 22 be governed by the power purchase provisions or the 23 contract for differences provisions;

24 (xi) append documentation showing that the
25 formula rate and contract, insofar as they relate
26 to the power purchase provisions, have been

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approved by the Federal Energy Regulatory Commission pursuant to Section 205 of the Federal Power Act;

(xii) provide that any changes to the terms of the contract, insofar as such changes relate to the power purchase provisions, are subject to review under the public interest standard applied by the Federal Energy Regulatory Commission pursuant to Sections 205 and 206 of the Federal Power Act; and

10(xiii)conformwithcustomarylender11requirements in power purchase agreements used as12the basis for financing non-utility generators.

13 (4) Effective date of sourcing agreements with the 14 initial clean coal facility. Any proposed sourcing 15 agreement with the initial clean coal facility shall not 16 become effective unless the following reports are prepared 17 and submitted and authorizations and approvals obtained:

18 (i) Facility cost report. The owner of the 19 initial clean coal facility shall submit to the 20 Commission, the Agency, and the General Assembly a 21 front-end engineering and design study, a facility 22 cost report, method of financing (including but 23 not limited to structure and associated costs), 24 and an operating and maintenance cost guote for the 25 facility (collectively "facility cost report"), 26 which shall be prepared in accordance with the

requirements of this paragraph (4) of subsection (d) of this Section, and shall provide the Commission and the Agency access to the work papers, relied upon documents, and any other backup documentation related to the facility cost report.

7 (ii) Commission report. Within 6 months 8 following receipt of the facility cost report, the 9 Commission, in consultation with the Agency, shall 10 submit a report to the General Assembly setting 11 forth its analysis of the facility cost report. 12 Such report shall include, but not be limited to, a 13 comparison of the costs associated with 14 electricity generated by the initial clean coal 15 facility to the costs associated with electricity 16 generated by other types of generation facilities, 17 an analysis of the rate impacts on residential and small business customers over the life of the 18 19 sourcing agreements, and an analysis of the 20 likelihood that the initial clean coal facility 21 will commence commercial operation by and be 22 delivering power to the facility's busbar by 2016. 23 To assist in the preparation of its report, the 24 Commission, in consultation with the Agency, may 25 hire one or more experts or consultants, the costs 26 of which shall be paid for by the owner of the 1

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initial clean coal facility. The Commission and Agency may begin the process of selecting such experts or consultants prior to receipt of the facility cost report.

5 (iii) General Assembly approval. The proposed sourcing agreements shall not take effect unless, 6 7 based on the facility cost report and the 8 Commission's report, the General Assembly enacts 9 authorizing legislation approving (A) the 10 projected price, stated in cents per kilowatthour, 11 to be charged for electricity generated by the initial clean coal facility, (B) the projected 12 13 on residential and small business impact 14 customers' bills over the life of the sourcing 15 agreements, and (C) the maximum allowable return 16 on equity for the project; and

17 (iv) Commission review. Ιf the General 18 Assembly enacts authorizing legislation pursuant 19 subparagraph (iii) approving a sourcing to 20 agreement, the Commission shall, within 90 days of 21 such enactment, complete a review of such sourcing 22 agreement. During such time period, the Commission 23 implement any directive of the General shall 24 Assembly, resolve any disputes between the parties 25 to the sourcing agreement concerning the terms of 26 such agreement, approve the form of such

agreement, and issue an order finding that the 1 2 sourcing agreement is prudent and reasonable. 3 The facility cost report shall be prepared as follows: (A) The facility cost report shall be prepared by 4 duly licensed engineering and construction firms 5 detailing the estimated capital costs payable to one or 6 7 more contractors or suppliers for the engineering, and construction of the components 8 procurement 9 comprising the initial clean coal facility and the 10 estimated costs of operation and maintenance of the facility. The facility cost report shall include: 11 12 (i) an estimate of the capital cost of the core

13 plant based on one or more front end engineering 14 and design studies for the gasification island and 15 related facilities. The core plant shall include 16 all civil, structural, mechanical, electrical, 17 control, and safety systems.

18 (ii) an estimate of the capital cost of the 19 balance of the plant, including any capital costs associated with sequestration of carbon dioxide 20 emissions and all interconnects and interfaces 21 22 required to operate the facility, such as 23 transmission of electricity, construction or 24 backfeed power supply, pipelines to transport 25 substitute natural gas or carbon dioxide, potable 26 water supply, natural gas supply, water supply,

water discharge, landfill, access roads, and coal
 delivery.

The quoted construction costs shall be expressed in nominal dollars as of the date that the quote is prepared and shall include (1) capitalized financing costs during construction, (2) taxes, insurance, and other owner's costs, and (3) an assumed escalation in materials and labor beyond the date as of which the construction cost quote is expressed.

10 (B) The front end engineering and design study for 11 the gasification island and the cost study for the 12 balance of plant shall include sufficient design work 13 to permit quantification of major categories of 14 materials, commodities and labor hours, and receipt of 15 quotes from vendors of major equipment required to 16 construct and operate the clean coal facility.

17 (C) The facility cost report shall also include an 18 operating and maintenance cost quote that will provide 19 the estimated cost of delivered fuel, personnel, 20 maintenance contracts, chemicals, catalysts, 21 consumables, spares, and other fixed and variable 22 operations and maintenance costs.

(a) The delivered fuel cost estimate will be
provided by a recognized third party expert or
experts in the fuel and transportation industries.
(b) The balance of the operating and

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maintenance cost guote, excluding delivered fuel 1 costs will be developed based on the inputs 2 3 provided by duly licensed engineering and construction firms performing the construction 4 5 cost guote, potential vendors under long-term service agreements and plant operating agreements, 6 7 recognized third party plant operator or or 8 operators.

The operating and maintenance cost quote (including the cost of the front end engineering and design study) shall be expressed in nominal dollars as of the date that the quote is prepared and shall include (1) taxes, insurance, and other owner's costs, and (2) an assumed escalation in materials and labor beyond the date as of which the operating and maintenance cost quote is expressed.

17 (D) The facility cost report shall also include (i) 18 an analysis of the initial clean coal facility's 19 ability to deliver power and energy into the applicable 20 regional transmission organization markets and (ii) an 21 analysis of the expected capacity factor for the 22 initial clean coal facility.

(E) Amounts paid to third parties unrelated to the
 owner or owners of the initial clean coal facility to
 prepare the core plant construction cost quote,
 including the front end engineering and design study,

and the operating and maintenance cost quote will be 1 reimbursed through Coal Development Bonds. 2 3 (5) Re-powering and retrofitting coal-fired power plants previously owned by Illinois utilities to qualify as 4 5 facilities. During the clean coal 2009 procurement planning process and thereafter, the Agency and the 6 7 Commission shall consider sourcing agreements covering 8 electricity generated by power plants that were previously owned by Illinois utilities and that have been or will be 9 10 converted into clean coal facilities, as defined by Section 1-10 of this Act. Pursuant to such procurement planning 11 12 process, the owners of such facilities may propose to the 13 Agency sourcing agreements with utilities and alternative 14 retail electric suppliers required to comply with 15 subsection (d) of this Section and item (5) of subsection 16 (d) of Section 16-115 of the Public Utilities Act, covering 17 electricity generated by such facilities. In the case of 18 sourcing agreements that are power purchase agreements, 19 the contract price for electricity sales shall be 20 established on a cost of service basis. In the case of 21 sourcing agreements that are contracts for differences, 22 the contract price from which the reference price is 23 subtracted shall be established on a cost of service basis. 24 The Agency and the Commission may approve any such utility 25 sourcing agreements that do not exceed cost-based 26 benchmarks developed by the procurement administrator, in 09600SB0658ham002 -63- LRB096 06724 MJR 27586 a

consultation with the Commission staff, Agency staff and the procurement monitor, subject to Commission review and approval. The Commission shall have authority to inspect all books and records associated with these clean coal facilities during the term of any such contract.

6 (6) Costs incurred under this subsection (d) or 7 pursuant to a contract entered into under this subsection 8 (d) shall be deemed prudently incurred and reasonable in 9 amount and the electric utility shall be entitled to full 10 cost recovery pursuant to the tariffs filed with the 11 Commission.

(e) The draft procurement plans are subject to public
comment, as required by Section 16-111.5 of the Public
Utilities Act.

15 (f) The Agency shall submit the final procurement plan 16 to the Commission. The Agency shall revise a procurement 17 plan if the Commission determines that it does not meet the 18 standards set forth in Section 16-111.5 of the Public 19 Utilities Act.

(g) The Agency shall assess fees to each affected
utility to recover the costs incurred in preparation of the
annual procurement plan for the utility.

(h) The Agency shall assess fees to each bidder to
 recover the costs incurred in connection with a competitive
 procurement process.

26 (i) Except in cases where the Agency or the Commission

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1	has solicited written or oral comment, firms, including,
2	their representatives and trade associations, that are
3	eligible to bid in Agency procurements must not communicate
4	with the Agency or any consultants retained by the Agency
5	on nonprocedural issues.
6	(Source: P.A. 95-481, eff. 8-28-07; 95-1027, eff. 6-1-09.)
7	Section 10. The State Finance Act is amended by adding
8	Section 5.719 as follows:
9	(30 ILCS 105/5.719 new)
10	Sec. 5.719. The Retail Commodity Revolving Fund.

Section 95. No acceleration or delay. Where this Act makes changes in a statute that is represented in this Act by text that is not yet or no longer in effect (for example, a Section represented by multiple versions), the use of that text does not accelerate or delay the taking effect of (i) the changes made by this Act or (ii) provisions derived from any other Public Act.

Section 99. Effective date. This Act takes effect upon becoming law.".