

IL-CCAG Policy Options: Energy Independence Plan and Survey Results Summary-Final

Compiled by the World Resources Institute

Total Responses: 37

Options with 15 or more votes are highlighted as potential priority items for further consideration by the group

ID	Suggested Priority for CCAAG	CCAG Survey Rank	Policy Option	Total Votes	Policy Type	Affected Sector(s)
Energy Independence Plan						
78	Energy Plan		Energy Efficiency Portfolio Standard (EEPS)		Regulatory Standard	Electric
79	Energy Plan		Incentives for construction of new IGCC plants		Fiscal	Electric
80	Energy Plan		Incentives for energy efficiency by small businesses and manufacturers		Fiscal	Electric
81	Energy Plan		Measures to improve infrastructure, siting and permitting for IGCC with carbon capture/storage		Other	Electric
82	Energy Plan		Renewable Portfolio Standard (RPS)		Regulatory Standard	Electric
83	Energy Plan		Residential (single family) building code standards for energy efficiency		Regulatory Standard	Electric
84	Energy Plan		Incentives for energy efficiency in public buildings		Fiscal	Government
85	Energy Plan		Biofuels RD&D		RD&D	Transport
86	Energy Plan		Incentives for new ethanol and biodiesel production facilities		Fiscal	Transport
87	Energy Plan		Measures to improve infrastructure, siting and permitting for biofuels		Other	Transport
88	Energy Plan		Tax or other incentives for biofuels		Fiscal	Transport

Survey Results Summary

8	top	1	8. Energy efficiency standards for appliances and equipment	30	Regulatory Standard	Electric
17	top	2	17. Develop and finance "smart growth" initiatives and expand/improve alternative modes of transport	27	Other	Transport
20	top	3	20. Renewable fuels standard (RFS) and/or low-carbon fuels standard	27	Regulatory Standard	Transport
5	top	4	5. Carbon performance standards for electricity generation and/or procurement	25	Regulatory Standard	Electric
18	top	5	18. GHG emission standards for automobiles	25	Regulatory Standard	Transport
13	top	6	13. Establish residential and commercial energy efficiency construction codes beyond international standards	24	Regulatory Standard	Multi-sector
19	top	7	19. Incentives for fuel efficient vehicles	23	Fiscal	Transport
27	medium	8	27. Expand transmission capacity for wind power	23	Other	Electric
4	top	9	4. Energy efficiency incentives, assistance and/or standards for commercial/industrial generators and boilers	22	Other	Commercial Industrial
11	top	10	11. Encourage or require capture of methane from landfills, wastewater treatment plants, and/or coal mines	22	Other	Fugitive/Waste
2	top	11	2. Programs to encourage forest management, reforestation, tree- and grass-planting	21	Other	Agriculture Forestry
7	top	12	7. Distributed generation regulatory reform (real-time pricing, net metering, interconnection, standby rates)	20	Regulatory Standard	Electric
42	medium	13	42. Energy conservation and efficiency programs for existing state facilities	19	Other	Government
16	top	14	16. State-level cap-and-trade (including options to join RGGI or other systems)	18	Regulatory/Tradable Permits	Multi-sector
43	medium	15	43. Energy efficiency building codes/standards for government buildings	17	Regulatory Standard	Government
14	top	16	14. Incentives for CHP and boiler construction and upgrades	17	Fiscal	Multi-sector
1	top	17	1. Incentives to reduce nitrogen application in crop fertilization	16	Fiscal	Agriculture
3	top	18	3. Encourage or require reductions in emissions of high GWP gases (N2O, HFCs, PFCs, SF6)	16	Other	Commercial Industrial
10	top	19	10. Require utilities to factor CO2 into procurement and planning	16	Regulatory Standard	Electric
12	top	20	12. Carbon offset requirements for existing and/or new large stationary combustion sources	16	Tradable Permits	Multi-sector
21	medium	21	21. Expand use of no-till farming	15	Other	Agriculture
44	low	22	44. Fuel efficiency and/or low carbon fuel requirements for all government vehicles	15	Regulatory Standard	Transport
69	low	23	69. High-speed rail upgrades	15	Other	Transport
9	top	24	9. IGCC using carbon capture & storage (from the outset) portfolio standard	15	Regulatory Standard	Electric
33	medium	25	33. Phase in a ban on sale of incandescent light bulbs in certain sectors	15	Regulatory Standard	Multi-sector
28	medium	26	28. Siting and monitoring regulations for geologic storage of carbon dioxide	14	Regulatory Standard	Electric
15	top	27	15. Incentives for water conservation appliances and equipment	14	Fiscal	Multi-sector

34	medium	28	34. Public education/outreach	14	Other	Multi-sector
60	low	29	60. Time of use electricity rates, advanced metering and other pricing strategies to reduce electricity demand	13	Other	Electric
6	top	30	6. De-couple electric and natural gas utility revenues from sales	12	Other	Electric
41	medium	31	41. Tax/fee assessed to inefficient vehicles ("gas guzzler tax")	12	Fiscal	Transport
58	low	32	58. Tax or other incentives for renewable electricity (e.g., PTC, ITC)	12	Fiscal	Electric
52	low	33	52. Grants for "cool roofs" projects	12	Fiscal	Electric
22	medium	34	22. Incentives for manure methane digesters	11	Fiscal	Agriculture
23	medium	35	23. Reduce methane leaks in oil and gas systems	11	Other	Commercial Industrial
73	low	36	73. Encourage employers to develop programs to discourage single-passenger commuting and to provide employees with more transport options	10	Regulatory Standard	Transport
76	low	37	76. Vehicle "feebates" on retail auto sales	10	Fiscal	Transport
30	medium	38	30. Require that recycling is offered to communities of a certain population threshold	9	Regulatory Standard	Fugitive/Waste
36	medium	39	36. Accelerated replacement of inefficient passenger vehicles	9	Other	Transport
63	low	40	63. Energy efficiency and pollution prevention assistance to businesses	9	Other	Multi-sector
25	medium	41	25. Appliance buy-back programs	9	Fiscal	Electric
26	medium	42	26. CHP portfolio standard	9	Regulatory Standard	Electric
39	medium	43	39. Incentives for idle-reduction technologies for trucks and locomotives	9	Fiscal	Transport
24	medium	44	24. Require biodiesel for commercial and industrial generators	8	Regulatory Standard	Commercial Industrial
54	low	45	54. Incentives to improve energy efficiency of existing power plants	8	Fiscal	Electric
65	low	46	65. Small business grants for clean energy technology	8	Fiscal	Multi-sector
77	low	47	77. Carbon Tax	8	Fiscal	Multi-sector
32	medium	48	32. Mandatory GHG reporting for companies, others	8	Regulatory Standard	Multi-sector
37	medium	49	37. Flex-fuel vehicle mandate	7	Regulatory Standard	Transport
40	medium	50	40. Require auto insurance companies to offer pay-as-you drive (PAYD) car insurance option	7	Regulatory Standard	Transport
49	low	51	49. Programs to support local farming/buy local	7	Other	Agriculture
71	low	52	71. Incentives to rebuild, repower or replace inefficient trucks and locomotives	7	Fiscal	Transport
74	low	53	74. Require sale of energy-saving tires (e.g., low rolling resistance tires)	7	Regulatory Standard	Transport
35	medium	54	35. Require water conservation measures	7	Regulatory Standard	Multi-sector
38	medium	55	38. Incentives for energy saving tires (e.g., low rolling resistance tires)	6	Fiscal	Transport
62	low	56	62. Develop tracking system for renewable energy certificates and/or energy efficiency certificates	6	Other	Multi-sector
66	low	57	66. Voluntary GHG offset projects	6	Tradable Permits	Multi-sector
53	low	58	53. Incandescent light bulb sales tax	6	Fiscal	Electric
29	medium	59	29. Require recycling of construction debris	5	Regulatory Standard	Fugitive/Waste
47	low	60	47. Programs to encourage farmers to plant cover crops	5	Other	Agriculture
57	low	61	57. Renewable/clean energy feed-in tariffs	5	Fiscal	Electric
61	low	62	61. Transmission system upgrades to reduce line losses	5	Other	Electric
50	low	63	50. Programs to support organic farming	5	Other	Agriculture
31	medium	64	31. Volume- or weight-based waste disposal fees	4	Fiscal	Fugitive/Waste
48	low	65	48. Programs to protect agricultural land from development	4	Other	Agriculture
56	low	66	56. Performance based rate-making tariffs	4	Fiscal	Electric
64	low	67	64. Negotiated agreements with industry	4	Voluntary Agreements	Multi-sector
68	low	68	68. Driver education on fuel conservation	4	Other	Transport
46	low	69	46. Manure management and land application programs	3	Other	Agriculture
55	low	70	55. Nuclear power tax incentives	3	Fiscal	Electric
70	low	71	70. Idling limits for trucks, autos, etc.	3	Regulatory Standard	Transport
75	low	72	75. State/local traffic congestion charging	3	Fiscal	Transport
67	low	73	67. Require banks to offer energy efficient/clean energy mortgage products	2	Regulatory Standard	Residential
72	low	74	72. Reduce/enforce speed limits	2	Regulatory Standard	Transport
45	low	75	45. Grazing management programs	1	Other	Agriculture
51	low	76	51. CHP performance standard	1	Regulatory Standard	Electric
59	low	77	59. Technical assistance to electric plants to assess CHP technology and oversee installation	0	Other	Electric

Additional Suggested Policy options

Additional Option 1:	Additional Option 2:	Additional Option 3:	Additional Option 4:	Additional Option 5:
Energy efficiency portfolio standard	Renewable portfolio standard	Residential Building Code Standards		
RPS, with more aggressive long-term targets	Energy efficiency portfolio standard with more aggressive long-term targets	Residential Building code		
Policy 15	Policy 35	Policy 39	Policy 40	Policy 41
Strongly encourage the largest industries (CO2 emitters in Illinois) join the State of Illinois (and Chicago) as member of the Chicago Climate Exchange	One very important policy option is to like the State of Michigan require any State building, which the state is funding over \$1 million , should be required to be a LEED Green Building	New Vehicle license cost and annual renewal should be based upon CO2 emissions per mile - the higher the emission - the higher the cost (revenue to state for GHG reduction programs)	Start new State of Illinois Climate Protection Awards for various key sectors to be given to organizations and individuals excelling in GHG reduction and leadership	
Incentives for new IGCC plants	Incentives for energy efficiency by mall busnsses and manufacturing	Measures to improve infrastructure, etc for IGCC w/ carbon capture	Biofuels R &D	Regional/National approaches that take into consideration the need for global solutions and the limitations of state by state strategies to this issue
Large scale solar electric incentives	Small scale solar electric incentives	Large scale solar thermal incentives	Small scale solar thermal incentives	Small scale wind electric incentives
Incentives for Carbon Capture and Sequestration	Incentives for Clean Coal Technologies	Incentives for Research, Development and Deployment of Clean Coal Technologies	Biofuels R&D	Measures to improve infratrstructure, siting and permitting for IGCC with carbon capture and storage
78 EE portfolio std (energy plan)	82 RPS (energy plan)	83 Residential Bldg code (energy plan)		
#85 - Biofuels RD&D	#86 - Incentive for new ethanol and biodiesel production facilities	#87 - Measures to improve infrastructure, siting and permitting of biofuels	#88 - Tax or other incentives for biofuels	#78 - EEPS
Geologic carbon sequestration for NGCC, coal, kilns	particulate traps for diesel engines			
Investment in Rail Infrastructure to increase freight and passenger capacity	Increased investment in Mass Transit			
Incentives for plug-in hybrids	Incentives for Electric Vehicles			

Improvement/expansion mass transit, increased availability of mass transit would help discourage single passenger commuting	Generic incentives for business improved efficiency, allowing businesses to identify and receive an incentive to conserve can help reduce emissions and improve their competitiveness.			
82 - RPS with higher % than Gov's initial energy plan	78 - EEPS with stronger % decrease than Gov's initial energy plan			
Stricter auto fuel efficiency standards than federal requirements				
Statewide overall carbon cap (w final and interim goals) & IEPA authorization to prepare implementation plans to meet them				
State regulation of CO2 as a 'pollutant.'				
increased funding for transit in all state urban areas of sufficient density				
Diesel emission reduction				