

Water-Use Sector ¹	2005	2050		
	Normalized	LRI	CT	MRI
Public Supply	1,189.2	1,217.9	1,570.2	1,837.2
S-S Industry/Commercial	162.4	222.1	291.6	391.4
S-S Domestic	31.8	37.3	41.2	49.3
Irrigation/Agriculture	44.6	43.8	55.4	60.7
Power Plants (Make-up)	52.3	66.4	52.3	90.8
Totals	1,480.3	1,587.5	2,010.7	2,429.4
<u>Source Water²</u>				
Groundwater	250.1	359.1	461.0	587.6
Rivers	212.2	275.3	327.1	445.0
Lake Michigan	1,018.0	952.9	1,222.7	1,396.9
Totals	1,480.3	1,587.3	2,010.8	2,429.5

1. Table ES-5, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

2. Table ES-7, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

Water Source ¹		2005		2050		2005 Normal		
		Normal	LRI	CT	MRI	Kankakee	Fox	
Rivers (Surface, non-Lk. Mich.)		212.2	275.3	327.1	445.0			
Public Water Supplies		2005 Normal		2005 Normal		River		
County	% From River ²	Total MGD ³	River MGD	River				
Kankakee - Aqua Illinois	Kankakee	100.0%	11.95	11.95	10.90	14.00	21.44 Kankakee	11.95
Elgin	Kane	94.3%	13.90	13.11	18.54	23.82	28.41 Fox	13.11
Aurora	Kane	44.0%	16.16	7.11	6.91	8.87	10.58 Fox	7.11
Wilmington (Calculated)	Will	100.0%		0.73	2.75	3.61	4.27 Kankakee	0.73
Total ⁴			32.90	39.10	50.30	64.70		
			15.5%					
Power Generation ⁵		2005 River		2005 River		2005 River		
		MGD		MGD		MGD		
Braidwood	Will		49.8	49.8	49.8	49.8	Kankakee	49.8
Dynergy Midwest	Kendall		2.5	2.5	2.5	2.5	Illinois	
Total			52.3	52.3	52.3	52.3		
			24.6%					
Balance			127.0	183.9	224.5	328.0		62.5 20.2
			59.8%					
Industrial/Commercial Self-supplied		2005 Normal		2005 Normal		2005 Normal		
		Non-Lk. Mich.		Non-Lk. Mich.		Non-Lk. Mich.		
		Surfacewater		Surfacewater		Surfacewater		
	Boone		0.08	0.10	0.13	0.18		
	Cook		103.51	135.79	180.24	212.09		
	DeKalb		1.30	1.44	1.94	2.61		
	DuPage		0.20	1.40	1.75	2.08		
	Grundy		0.50	1.11	1.35	2.26		
	Kane		2.15	2.60	4.42	9.29		
	Kankakee		1.43	1.39	1.25	2.63		
	Kendall		0.27	0.43	0.79	1.46		
	Lake		⁷	⁷	⁷	⁷		
	McHenry		4.06	4.05	5.47	17.07		
	Will		13.87	21.96	27.69	40.63		
	Total ⁶		127.37	170.27	225.03	290.30		

Irrigation/Agriculture

Scenario results indicate no source break-out. All are assumed to be from groundwater sources or on-site ponds and lakes.

1. Table ES-7, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

2. Table 2.6, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

3. Table A2.7, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

4. Table 2.14, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

5. Table 3.4, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

6. Table A4.4, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

7. While not clearly distinguished in the report, it is believed that virtually all of the Lake County surface water use is Lake Michigan water withdrawn by Abbott Labs, North Chicago, and that that is the only Lake Michigan water withdrawal included in this table.

Water Source ¹	2005 Normal		2050	
	MGD	LRI	CT	MRI
Groundwater	250.1	359.1	461.0	587.6
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Use-Sectors	County			
Public Water Supply ²	All	149.2 59.7%	239.9	316.2 400.9
Domestic Self-Supplied ³	All	31.8 12.7%	37.3	41.2 49.3
Power Generation ⁴				
Industrial & Commercial ⁵	All	24.5 9.8%	38.1	48.3 76.6
Irrigation & Agriculture ⁶	All	44.6 17.8%	43.8	55.4 60.7
Total		250.1 100%	359.1	461.1 587.5

Irrigation/Agriculture

Scenario results indicate no source break-out. All are assumed to be from groundwater sources or on-site ponds and lakes.

1. Table ES-7, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

2. Table 2.13, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

3. Table 2.19, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

4. Chapter 3 of *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050* deals only with surface water withdrawals. Power generators' groundwater withdrawals, typically used for domestic or specialty needs, are included in the Industry and Commercial water-use sector.

5. Table 4.11, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

6. Table 5.18, *Regional Water Demand Scenarios for Northeastern Illinois: 2005 - 2050*, June, 2008.

All reported, estimated and scenario demand withdrawals for Irrigation/Agriculture are assumed to be from groundwater.