

CASE NO. EA-79-119

JULY NET CAPABILITIES (MW) AND
REASONS FOR CHANGES
1975 - 1979

The following is a table of July net capabilities, with footnotes explaining the reasons for year to year changes. The net capability for a unit is its gross capability minus its auxiliary power requirements.

	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
Labadie	2300	2300	2220 ¹	2220	2120 ²
Sioux	904	904	904	904	904
Rush Island	--	575 ³	1150 ⁴	1150	1150
Meramec	881	881	880 ⁵	881 ⁶	735 ⁷
Cahokia	200	122 ⁸	(RETIRED)		
Ashley	70	69 ⁹	69	69	69
Venice	464	442 ¹⁰	231 ¹¹	232 ¹²	441 ¹³
Osage	212	212	212	212 ¹⁴	212
Keokuk	119	119	119	119	119
Taum Sauk	300	300	300	300	300
Venice CT	25	25	25	25	25
Howard Bend CT	43	43	43	43	43
Meramec CT	54	55 ¹⁵	55	55	55
Mexico CT	--	--	--	55 ¹⁶	55
Moberly CT	--	--	--	55 ¹⁶	55
Moreau CT	--	--	--	55 ¹⁶	55

1. Capability of Labadie was reduced by 20MW per unit for a total of 80MW. This reduction was due to slagging problems.
2. Capability of Labadie reduced by 100 MW due to environmental restrictions.
3. Rush Island Unit 1 became operational.

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4. Rush Island Unit 2 became operational.
5. River temperature consideration reduced capability by 1 MW.
6. River temperature consideration increased capability by 1 MW.
7. Capability of Meramec Plant reduced by 146MW due to coal problems and environmental restrictions.
8. Cahokia partially retired.
9. Ashley capability reduced by 1 MW due to river temperature considerations.
10. Venice capability reduced by 22MW because of steam temperature reductions associated with the conversion of boilers 1-6 to oil firing.
11. Venice capability reduced by 211MW due to boilers 7 & 8 being removed from service due to environmental restrictions.
12. River temperature considerations increased capability by 1 MW.
13. Venice capability increased by 209MW following conversion of boilers 7 & 8 to oil firing.
14. Public Counsel was given 210MW in response to his interrogatories because he asked for time of peak, which in 1978 occurred in August.
15. Capability of Meramec combustion turbine increased by 1 MW due to a decrease in five-year average of maximum ambient temperatures.
16. Available but not released for commercial operation.