

**Associated Electric Cooperative, Inc.
System Impact Study Phase Queue**

Last Updated: January 22, 2018 --- CMM

GI No.	Queue No.	Application Received	Location	Size (MW)	Proposed In Service	Fuel Type	Interconnection Service Requested	Proposed I/C Location	Status
GIA-5	SIS-1	02/07/06	Page County, IA	50	9/30/2011	Wind	Energy Resource	Northboro 69 kV Bus	Withdrawn.
GIA-8	SIS-2	2/23/06	Atchison County, MO	300	12/31/2012	Wind	Energy Resource	Maryville 161 kV Bus	Advanced to Facility Phase.
GIA-21	SIS-3	06/07/07	Schuyler County, MO	50	9/30/2011	Wind	Energy Resource	New High Prairie Substation on Queen City to Lancaster 69 kV line.	Advanced to Facility Phase.
GIA-22	SIS-4	10/23/07	Clinton County, MO	99	12/31/2010	Wind	Energy Resource	Lathrop 161 kV Bus	Advanced to Facility Phase.
GIA-27	SIS-5	11/19/07	Osage County, OK	150	11/1/2011	Wind	Energy Resource	New substation on the 138 kV Fairfax to Fairfax Tap point (on the Shidler to Osage 138 kV line).	Advanced to Facility Phase.
GIA-29	SIS-6	05/13/08	Osage County, OK	200	12/1/2011	Wind	Energy Resource	New substation on the Shidler to Osage 138 kV line near the Fairfax Tap.	Advanced to Facility Phase.

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GIA-36	SIS-7	04/17/09	Nodaway County, MO	100	10/1/2011	Wind	Network Resource	Maryville 161 kV Bus	Advanced to Facility Phase.
GIA-37	SIS-8	6/17/09	Clinton & DeKalb County, MO	201	5/15/2010	Wind	Energy Resource	Osborn 161 kV Bus	Advanced to Facility Phase.
GIA-39	SIS-9	10/24/09	New Madrid, MO	20	5/2011	Coal	Network Resource	NM Switchyard (161 kV Bus)	Upgrade Approved
GIA-40	SIS-10	10/24/09	New Madrid, MO	20	11/2011	Coal	Network Resource	NM Switchyard (345 kV Bus)	Upgrade Approved
GIA-41	SIS-11	10/24/09	Randolph, MO	17	11/2012	Coal	Network Resource	TH Switchyard (161 kV Bus)	Upgrade Approved
GIA-42	SIS-12	11/04/09	Randolph, MO	1.7	5/2010	Coal	Network Resource	TH Switchyard (161 kV Bus)	Upgrade Approved
GIA-43	SIS-13	11/04/09	Randolph, MO	28.2	5/2012	Coal	Network Resource	TH Switchyard (345 kV Bus)	Upgrade Approved
GIA-44	SIS-14	1/24/11	Nodaway County, MO	100	12/2012	Wind	Network Resource	Maryville 161kV Bus	Withdrawn
GIA-45	SIS-15	2/23/11	Jasper County, MO	80	12/31/2014	Wind	Energy Resource	Jasper 161 kV Substation	Withdrawn
GIA-46	SIS-16	3/03/11	Sullivan County, MO	88.8	12/31/2013	Wind	Energy Resource	Hickory Creek to Locust Creek 161 kV Line	Withdrawn
GIA-47	SIS-17	1/19/2012	Osage County, OK	151	12/1/2014	Wind	Energy Resource	Remington Substation	Advanced to Facility Phase.

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GIA-48	SIS-18	10/8/12	Randolph County, MO	33	5/2012	Coal	Network Resource	TH Switchyard (345 kV Bus)	Upgrade Approved
GIA-49	SIS-19	6/24/2013	Sullivan County, MO	77.5	6/1/2014	Wind	Energy Resource	Hickory Creek to Locust Creek 161 kV line	Advance to Facility Phase.
GIA-50	SIS-20	12/18/2014	Atchison County, MO	300	12/1/2016	Wind	Energy Resource	Cooper-Fairport 345 kV line	Advance to Facility Phase
GIA-51	SIS-21	3/20/2015	Dekalb & Clinton County, MO	200.1	11/15/2016	Wind	Energy	Osborn 161 kV bus	Withdrawn
GIA-51	SIS-22	10/18/2015	Dekalb & Clinton County, MO	200.1	11/15/2016	Wind	Energy	Stewartsville 69 kV bus	Withdrawn
GIA-52	SIS-23	5/2/2016	Osage County, OK	144	12/1/2018	Wind	Network	Remington Substation	Moved to Facility Phase
GIA-53	SIS-24	5/2/2016	Nodaway County, MO	238	12/1/2018	Wind	Network	Maryville Substation	Moved to Facility Phase
GIA-54	SIS-25	5/2/2016	Nodaway County, MO	84	12/1/2018	Wind	Energy	Maryville Substation	Withdrawn
GIA-55	SIS-26	5/2/2016	Osage County, OK	96	12/1/2018	Wind	Energy	Remington Substation	Withdrawn
GIA-56	SIS-27	5/11/2016	Sullivan County, MO	77.5	6/1/2018	Wind	Energy	Humphreys Substation	Moved to Facility Phase
GIA-57	SIS-28	5/31/2016	Osage County, OK	200	11/30/2018	Wind	Energy	Fairfax Substation	Moved to Facility Phase

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GIA-58	SIS-29	7/6/2016	Kingfisher County, OK	200	10/01/2018	Wind	Network	Ramsey Substation	Moved to Facility Phase
GIA-59	SIS-30	8/25/2016	Osage County, OK	200	12/1/2018	Wind	Network	Remington to Shidler 138 kV	Moved to Facility Phase
GIA-60	SIS-31	4/4/2017	Gentry County, MO	18	N/A	Wind	Network	Winslow 161 kV Substation	Upgrade Approved
GIA-61	SIS-32	5/3/2017	Nodaway County, MO	230	12/31/2019	Wind	Network	Maryville Substation	Moved to Facility Phase
GIA-62	SIS-33	10/12/2017	New Madrid County, MO	201.6	12/31/2020	Solar	Energy	New Madrid Substation	In Study
GIA-63	SIS-34	1/16/2018	Osage County, OK	200	11/30/2020	Wind	Energy	Remington 138 kV Substation	In Study