## BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of the Application of Grain Belt Express Clean Line LLC for a Certificate of Convenience and Necessity Authorizing It to Construct, Own, Operate, Control, Manage, and Maintain a High Voltage, Direct Current Transmission Line and an Associated Converter Station Providing an Interconnection on the Maywood – Montgomery 345 kV Transmission Line

File No. EA-2014-0207

)

)

)

)

)

)

)

## NOTICE REGARDING LIST OF EVIDENTIARY HEARING EXHIBITS

Issue Date: December 3, 2014

The following list describes the admitted exhibits from the evidentiary hearing held in the above-styled case.

100Skelly direct101Lawlor direct102Lawlor surrebuttal103Blazewicz surrebuttal104Gaul direct105Gaul surrebuttal106Wesley surrebuttal107Priestley surrebuttal108Bailey surrebuttal109Zavadil direct110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis surrebuttal115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct120Berry surrebuttal121Galli cond direct133Galli surrebuttal144Loomis surrebuttal155Loomis surrebuttal166Moland direct177Cleveland surrebuttal18Berry direct19Berry additional direct120Berry surrebuttal121Galler milestone schedule	<u>Exhibit</u>	Description
102Lawlor surrebuttal103Blazewicz surrebuttal104Gaul direct105Gaul surrebuttal106Wesley surrebuttal107Priestley surrebuttal108Bailey surrebuttal109Zavadil direct110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry additional direct120Berry surrebuttal122Color diagram showing safety clearances		
103Blazewicz surrebuttal104Gaul direct105Gaul surrebuttal106Wesley surrebuttal107Priestley surrebuttal108Bailey surrebuttal109Zavadil direct110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct120Berry surrebuttal122Color diagram showing safety clearances		
104Gaul direct105Gaul surrebuttal106Wesley surrebuttal107Priestley surrebuttal108Bailey surrebuttal109Zavadil direct110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct120Berry surrebuttal122Color diagram showing safety clearances	-	
105Gaul surrebuttal106Wesley surrebuttal107Priestley surrebuttal108Bailey surrebuttal109Zavadil direct110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct120Berry surrebuttal122Color diagram showing safety clearances	103	Blazewicz surrebuttal
106Wesley surrebuttal107Priestley surrebuttal108Bailey surrebuttal109Zavadil direct110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct120Berry surrebuttal122Color diagram showing safety clearances	104	Gaul direct
107Priestley surrebuttal108Bailey surrebuttal109Zavadil direct110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct120Berry surrebuttal122Color diagram showing safety clearances	105	Gaul surrebuttal
108Bailey surrebuttal109Zavadil direct110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct120Berry surrebuttal122Color diagram showing safety clearances	106	Wesley surrebuttal
109Zavadil direct110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct120Berry surrebuttal122Color diagram showing safety clearances	107	Priestley surrebuttal
110Zavadil surrebuttal111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct119Berry additional direct120Berry surrebuttal122Color diagram showing safety clearances	108	Bailey surrebuttal
111Galli direct112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct119Berry additional direct120Berry surrebuttal122Color diagram showing safety clearances	109	Zavadil direct
112Galli additional direct113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct119Berry additional direct120Berry surrebuttal122Color diagram showing safety clearances	110	Zavadil surrebuttal
113Galli surrebuttal114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct119Berry additional direct120Berry surrebuttal122Color diagram showing safety clearances	111	Galli direct
114Loomis direct115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct119Berry additional direct120Berry surrebuttal122Color diagram showing safety clearances	112	Galli additional direct
115Loomis surrebuttal116Moland direct117Cleveland surrebuttal118Berry direct119Berry additional direct120Berry surrebuttal122Color diagram showing safety clearances	113	Galli surrebuttal
116Moland direct117Cleveland surrebuttal118Berry direct119Berry additional direct120Berry surrebuttal122Color diagram showing safety clearances	114	Loomis direct
<ul> <li>117 Cleveland surrebuttal</li> <li>118 Berry direct</li> <li>119 Berry additional direct</li> <li>120 Berry surrebuttal</li> <li>122 Color diagram showing safety clearances</li> </ul>	115	Loomis surrebuttal
<ul> <li>Berry direct</li> <li>Berry additional direct</li> <li>Berry surrebuttal</li> <li>Color diagram showing safety clearances</li> </ul>	116	Moland direct
119Berry additional direct120Berry surrebuttal122Color diagram showing safety clearances	117	Cleveland surrebuttal
120Berry surrebuttal122Color diagram showing safety clearances	118	Berry direct
120Berry surrebuttal122Color diagram showing safety clearances	119	Berry additional direct
	120	Berry surrebuttal
	122	•
	123	

<u>Exhibit</u>	Description
124	DOE 2013 Wind Technologies Market Report
125	Nature Conservancy website page
126	Show-Me response to GBE third set of data requests
127	SPP project cost task force whitepaper
128	Max DeForest email March 15, 2013
129	LinkedIn page of Max DeForest
130	Order on atty fees-Minnkota Power Co-op v. Weigum et al.
131	Jackson article-Elec. Trans. Lines and Rural Land Values
132	Jackson article on trans. line impact on rural land values
133	US wind energy potential estimates-May 17, 2010
134	Berry rebuttal from III. Commerce Comm. No. 12-0560
135	Eastern Wind Integration and Trans. Study-Feb. 2011
136	New England Wind Integration Study-Dec. 5, 2010
137	Ameren 2014 Integrated Resource Plan
138HC	Clean Line Energy Partners presentation
139HC	Clean Line presentation to Wabash Valley
140HC	Clean Line presentation to Columbia Power & Light
141	Color maps of proposed trans. line route in Mo.
142	Bismarck State College website page
143	Bismarck State College program description
144	MISO 2013 Annual Market Assessment Report
145	Motion to accept correction to pre-filed testimony
147	Ameren IRP plan, Sec. 9, pages 6-7
148	Three pages from Associated Elec. 2013 annual report
149	Supp. response to DR 2.1(b) of MLA's Second DR's
200	Dietrich rebuttal
201	Beck rebuttal
202	Stahlman rebuttal
203	Lange rebuttal
204	Murray rebuttal
205	Leonberger rebuttal
206	Kliethermes rebuttal
207	Kliethermes surrebuttal
208	Lange surrebuttal
209	Stahlman surrebuttal
210	GBE response to data request no. 200
211	Email re: Audrain SPS- from Galli workpapers
212	GBE response to Staff data request no. 04
300	Michels deposition
301	Gray rebuttal
302	Gray surrebuttal
303	Cauthorn rebuttal

<u>Exhibit</u>	Description
304 305 306 308 309 310HC 311HC 312 313HC 315 316 317 319 322 323 324HC 325 326 327 328 330 331 332 333 334 335HC 336HC 337HC 338 339	McElwain rebuttal Smith rebuttal Lowenstein rebuttal several pages from GBE presentation Jan. 2012 Map re: PPA prices from wind energy Map of projects submitted to GBE by county from RFI GBE briefing on Feb. 4, 2014 Trans. line map Clean Line presentation Dec. 2013 Summary of support for GBE-March 6, 2014 Support letter of Shane Adrian GBE response to MLA's DR 29 Study-requirements for wind generation interconnection GBE response to MLA-01 Eastern Wind Integration and Transmission Study National Grid board approval memo DOE 2013 Wind Technologies Market Report GBE request for information document-Nov. 18, 2013 M. Brower, US wind energy potential estimates Map of Mo. WINDExchange-wind resource potential Berry rebuttal- III. Commerce Comm no. 12-0560 Numerical data for wind speeds-site no. 100 GBE response to MLA 1 <sup>st</sup> set of DRs to D. Berry GBE response to MLA 1 <sup>st</sup> set of DRs to D. Berry GBE response to MLA 1 <sup>st</sup> Set of DRs to D. Berry GBE response to MLA 1 <sup>st</sup> Set of DRs to D. Berry GBE response to MLA 1 <sup>st</sup> Set of DRs to D. Berry GBE response to GBE's RFI Financial model for GBE Map-proposed interconnection with RTOs Description of MesoMap system
400 401 402 403 404 405	Proctor rebuttal Proctor surrebuttal Kielisch rebuttal Kruse rebuttal SPP powerpoint-cost estimates Nat. Renewable Energy Lab-limitations of JEDI models
500	Hurst rebuttal
550 551 552 553	Nordstrom rebuttal Umbriaco rebuttal Reichert rebuttal Harris rebuttal (p.5, I.15 through p.6, I.16 not admitted)

<u>Exhibit</u>	Description
554	Reichert surrebuttal
555	Agricultural impact mitigation agreement
556	Transmission line easement agreement
557	Data request response-Priestley
558	Response to GBE's 1 <sup>st</sup> set of data requests
575	Meyer rebuttal (p.5, l. 15-21 not admitted)
625	Allen rebuttal
626	GBE response to data request #009 dated Oct. 27, 2014
627	2013 report-building interstate nat. gas trans. pipelines
628	New York Regional Interconnection Study
629	Study-high voltage DC interference with underground pipelines
630	Gummow et al., Pipeline AC Mitigation Misconcepts
631	Influence of high voltage DC power lines on pipelines
700	Goggin rebuttal
701	Goggin surrebuttal
725	Costanza rebuttal
750	Desmond rebuttal
875	Langley rebuttal
876	Langley surrebuttal (Schedule MC-1 not admitted)

**NOTE:** At the hearing, the regulatory law judge took official notice of the estimate by the U.S. Census in 2010 that the population of the United States was 308,745,538 and the population of Missouri was 5,988,927.



Michael Bushmann, Senior Regulatory Law Judge, by delegation of authority pursuant to Section 386.240, RSMo 2000.

Dated at Jefferson City, Missouri, on this 3<sup>rd</sup> day of December, 2014.

## BY THE COMMISSION

(orris I h ) ood w/

Morris L. Woodruff Secretary