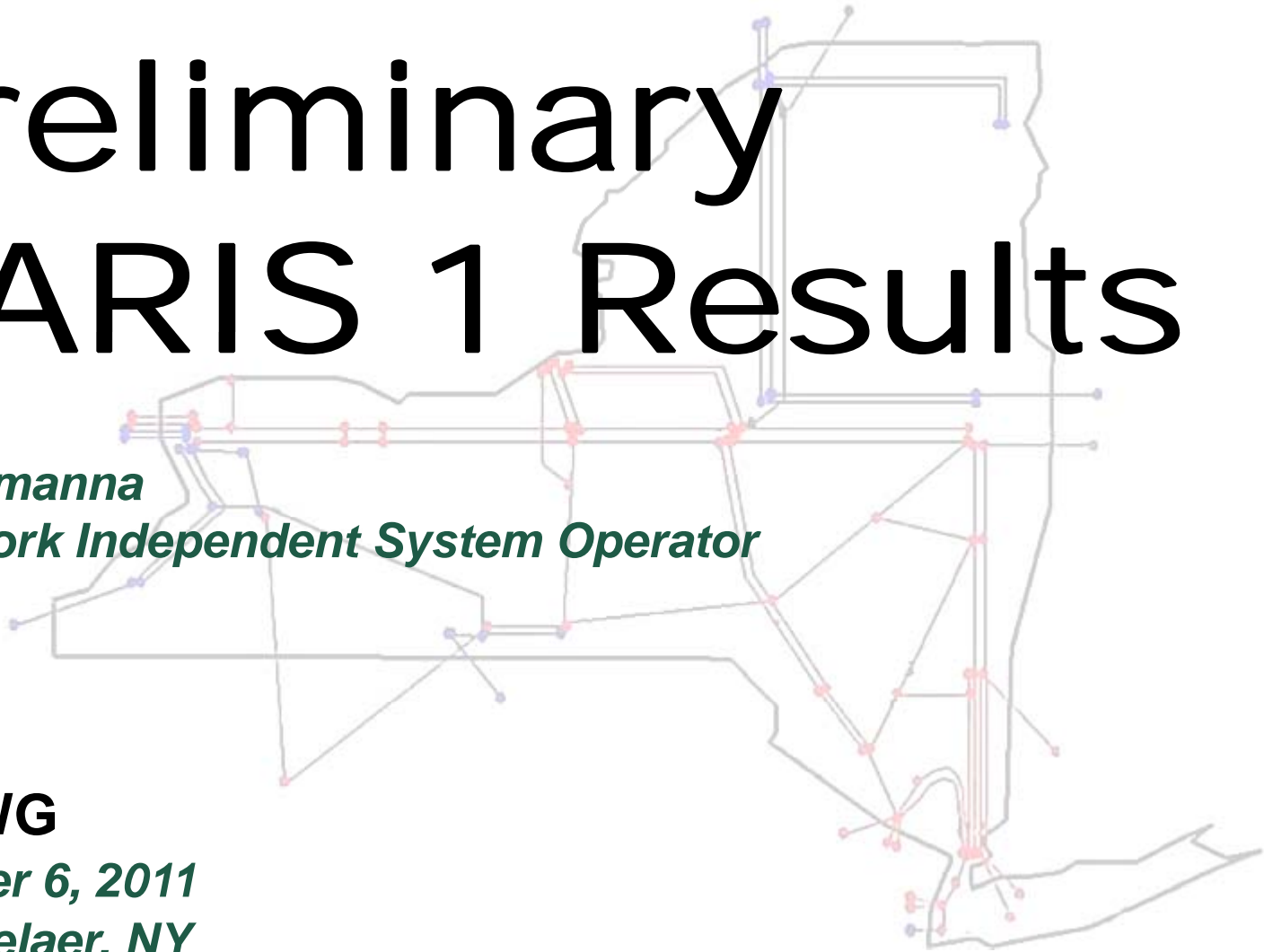


# Preliminary CARIS 1 Results

*Bill Lamanna  
New York Independent System Operator*

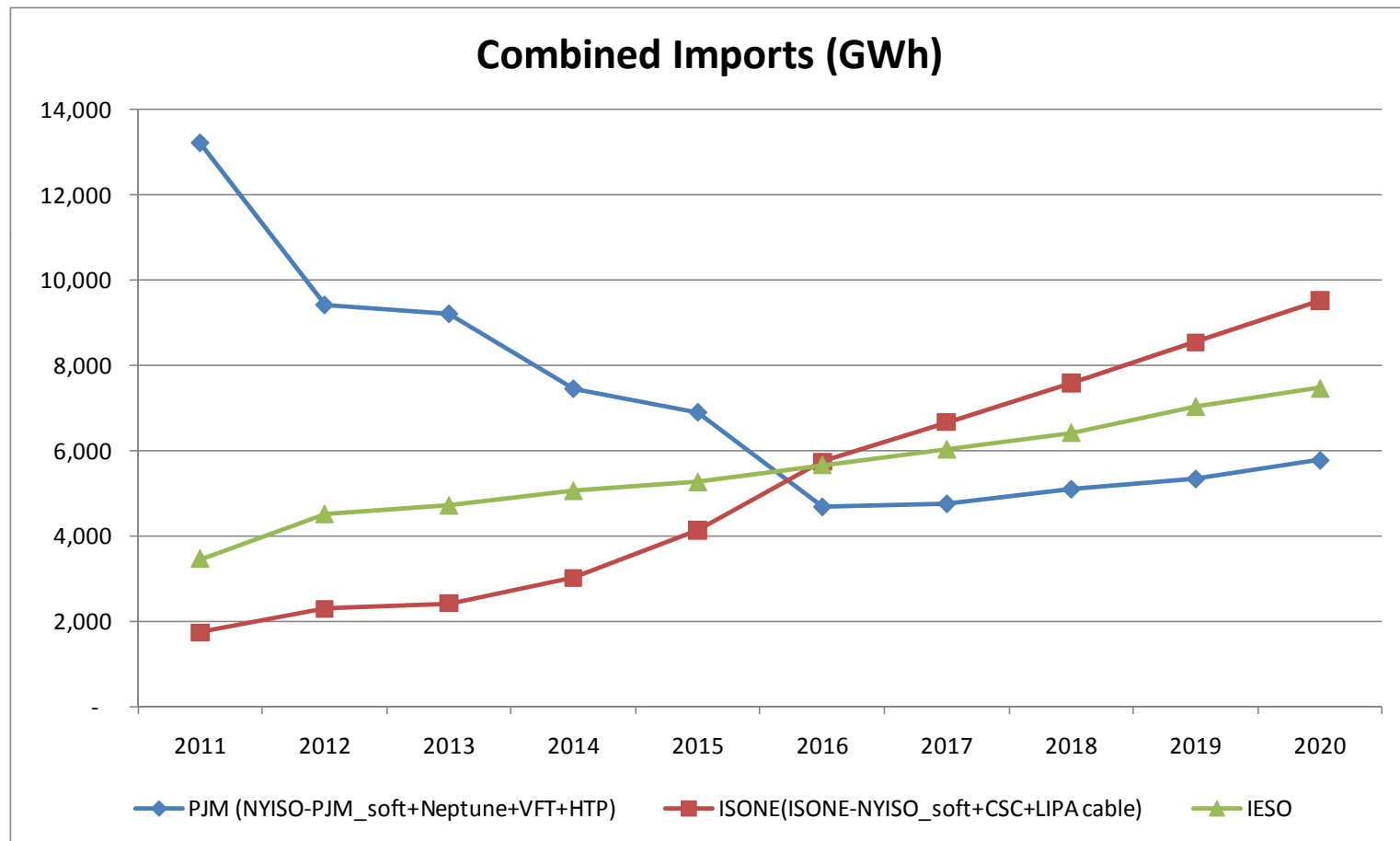
**ESPWG**  
*October 6, 2011  
Rensselaer, NY*



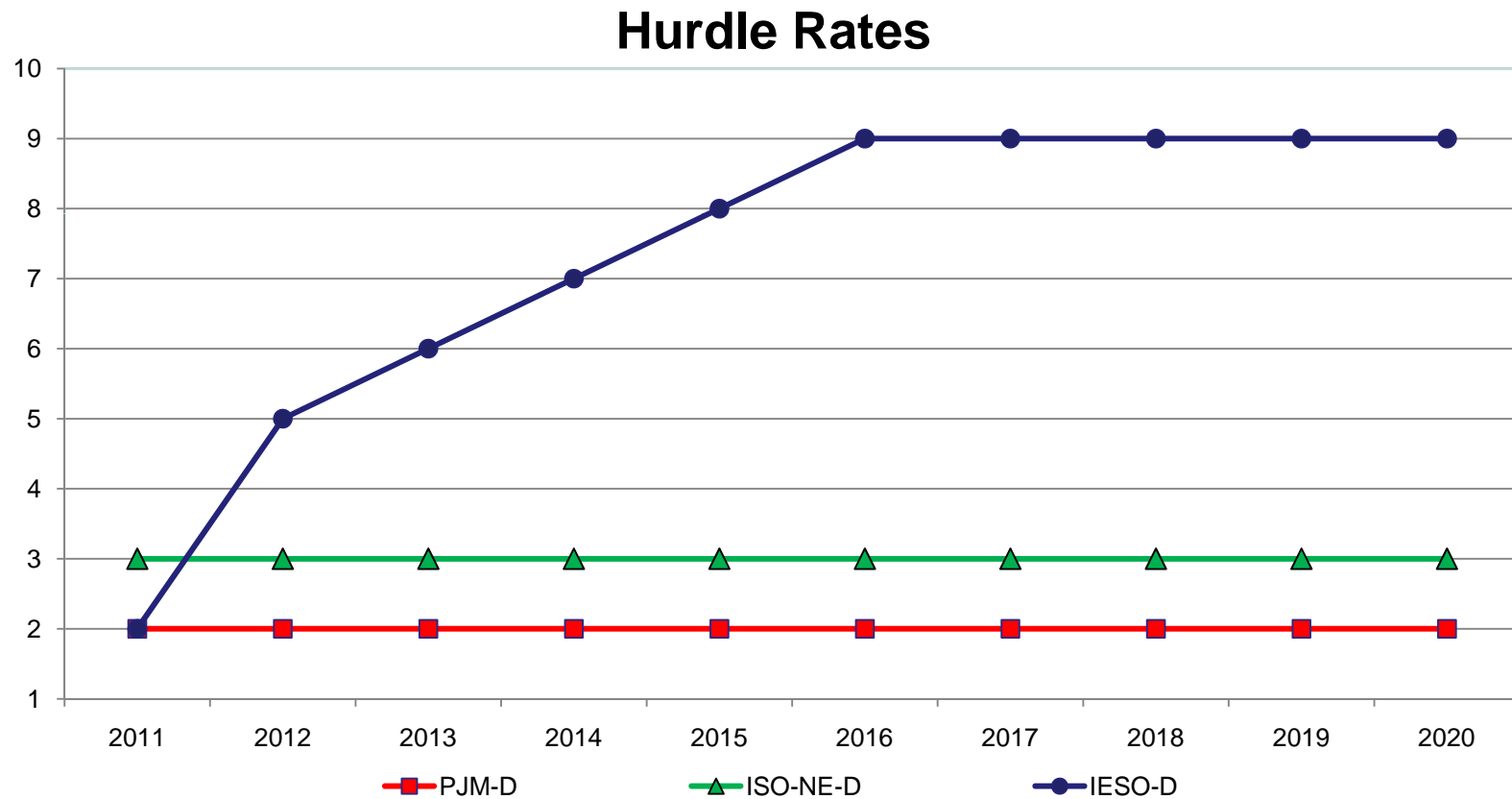
# Projected Demand\$ Congestion by Constraint (\$M)

Demand Congestion \$	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
ATHENS_PLTVLLEY_345	335	310	331	338	338	394	459	530	620	684	<b>4,337</b>
CENTRAL EAST	340	234	197	152	136	171	177	175	175	187	<b>1,946</b>
DUNWOODIE_SHORRD_345	15	22	22	24	25	28	29	31	33	39	<b>269</b>
TWR:PACK2_NIAG2W_230	6	20	21	21	21	25	29	30	39	41	<b>253</b>
PACK2_NIAG2W&2E_230	10	20	17	22	23	24	36	33	35	32	<b>251</b>
Dunwoodie (I) to Long Island	11	12	12	11	13	14	15	17	19	22	<b>145</b>
FRESH KI 138 WILLOWBK2 138	9	11	11	13	12	14	15	16	18	20	<b>139</b>
LEEDS3_N.SCOT99_345	2	8	3	7	6	5	10	11	15	14	<b>82</b>
PAR GOWNUS1T -GOWNUS1R - 1	3	4	5	6	5	6	6	7	8	8	<b>59</b>
GOTHL S 345 GOWANUSS 345	3	4	4	5	5	5	6	7	8	9	<b>55</b>
PAR GOWNUS2T -GOWNUS2R - 1	2	3	3	5	4	4	5	6	6	7	<b>46</b>
SBK:FRSHK_GOTHLN_345	2	1	1	1	1	2	2	2	2	3	<b>16</b>
TWR:FRSHK_GOTLSN_345_3	1	1	1	1	1	1	1	2	2	3	<b>14</b>
E179THST_HG6_138	(12)	(16)	(18)	(16)	(13)	(11)	(11)	(9)	(7)	(5)	<b>(117)</b>
WEST CENTRAL-OP	(6)	(5)	(3)	(2)	(2)	(2)	(2)	(3)	(1)	(2)	<b>(29)</b>

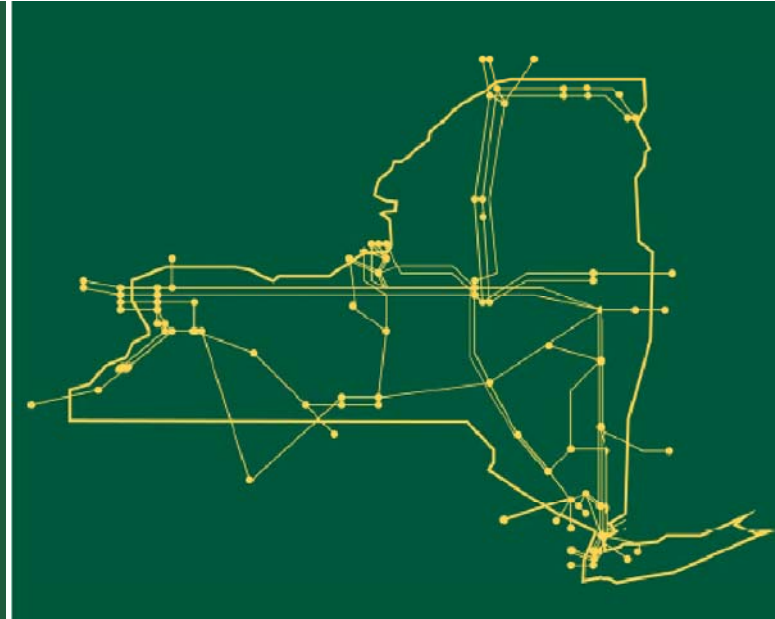
# Projected Net Imports (GWh)



# Hurdle Rates



The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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