

**BEFORE THE ILLINOIS COMMERCE COMMISSION
STATE OF ILLINOIS**

**AMEREN TRANSMISSION)
COMPANY OF ILLINOIS)**

**Petition for a Certificate of Public)
Convenience and Necessity, pursuant)
To Section 8-406.1 of the Illinois Public)
Utilities Act, and an Order pursuant to)
Section 8-503 of the Public Utilities Act,)
To Construct, Operate and Maintain a)
New High Voltage Electric Service Line)
And Related Facilities in the Counties)
of Adams, Brown, Cass, Champaign,)
Christian, Clark, Coles, Edgar, Fulton,)
Macon, Montgomery, Morgan, Moultrie)
Pike, Sangamon, Schuyler, Scott, and)
Shelby, Illinois)**

Docket No. 12-0598

DIRECT TESTIMONY OF MICHAEL PATRICK WARD

TNC EXHIBIT 3.1

ARTICLES IN PEER-REVIEWED JOURNALS

1. Ward M.P. and S. Schlossberg. 2004. Conspecific attraction and the conservation of territorial songbirds. *Conservation Biology* 18:519-525.
2. Schlossberg, S. and M.P. Ward. 2004. Using conspecific attraction to conserve endangered birds. *Endangered Species Update* 21:132-138.
3. Ward, M.P. 2005. The role of immigration in the decline of an isolated migratory bird population. *Conservation Biology* 19:1528-1536.
4. Ward, M.P. 2005. Habitat selection by dispersing yellow-headed blackbird: evidence of prospecting and the use of public information. *Oecologia* 145:1432-1439.
5. Ward, M.P. and P.J. Weatherhead. 2005. Sex-specific differences in site fidelity and the cost of dispersal in yellow-headed blackbirds. *Behavioral Ecology and Sociobiology* 59:108–114.
6. Beveroth, T., M.P. Ward, R. Lampman, A. Ringia, and R. Novak. 2006. The changes in seroprevalence of West Nile virus across Illinois in free ranging birds from 2001-2004. *American Journal of Tropical Medicine and Hygiene* 74:174-179.
7. Ward, M.P., A. Rain, S. Yaremych, and R. Novak. 2006. Does the roosting behavior of birds affect the transmission dynamics of West Nile virus? *American Journal of Tropical Medicine and Hygiene* 75:350-355.
8. Horn, J.A., M.P. Ward, M.G. Alessi, T.A. Danner, and R. Novak. 2007. Observations of a northern cardinal nest reused by a gray catbird in the same season. *Wilson Journal of Ornithology* 119:761-763.
9. Alessi, M.G., A. Raim, T.A. Beveroth, M.N. Barron, and M.P. Ward. 2009. Use of heat-shrink tubing to attach radio transmitters to bird retrices. *North American Bird Bander* 34: 1-6.
10. Jacob, B., R. Lampman, M.P. Ward, J. Muturi, J. Morris, A. Caamano, and R. Novak. 2009. Geospatial variability in the egg raft distribution and abundance of *Culex pipiens* and *Culex restuans* in Urbana-Champaign, Illinois. *TRES: International Journal of Remote Sensing* 30: 2005-2019.
11. Ward, M.P., T.J. Benson, B. Semel, and J. Herkert. 2010. The use of social cues in habitat selection by wetland birds. *Condor* 112: 245-251.
12. Ahlering, M.A., D. Arlt, M.G. Betts, R.J. Fletcher, Jr., J.J. Nocera, and M.P. Ward. 2010. Research needs for understanding conspecific attraction to better manage and conserve birds. *Condor* 112: 252-264.

13. Owen, J.C., F.R. Moore, A.J. Williams, M.P. Ward, T.A. Beveroth, E.A. Miller, L.C. Wilson, V.J. Morley, R.N. Abbey-Lee, B.A. Veeneman, B. DeRussy, M. McWhorter, and M.C. Garvin. 2010. Test of recrudescence hypothesis for overwintering of West Nile virus in gray catbirds. *Journal of Medical Entomology* 47: 451-457.
14. McCusker, C.E., M.P. Ward, and J.D. Brawn. 2010. Seasonal responses of avian communities to invasive bush honeysuckles (*Lonicera* spp.). *Biological Invasions* 12: 2459-2470.
15. Ward, M.P., T. Beveroth, R. Lampman, A. Raim, D. Enstrom, and R. Novak. 2010. Field-based estimates of avian mortality from West Nile virus infection. *Vector-borne and Zoonotic Diseases* 10:909-913.
16. Alessi, M.G., T.J. Benson, and M.P. Ward. 2010. Nocturnal social cues attract migrating yellow-breasted chats. *Wilson Journal of Ornithology* 122: 780-783.
17. Bartlett, J.A., M.P. Ward, S.J. Landsman, and J.M. Epifanio. 2010. Are male bluegill faithful to nest sites or colonies? *Journal of Fish Biology* 77: 890-906.
18. Ward, M.P., B. Semel, and J. Herkert. 2010. Identifying the ecological causes of long-term declines of wetland-dependent birds in an urbanizing landscape. *Biodiversity and Conservation*. 19: 3287-3300.
19. Ward, M.P., C. Jablonski, B. Semel, and D. Soucek. 2010. The biological pathway and effect of PCBs on common terns in Lake Michigan. *Ecotoxicology* 19:1513-1522.
20. Ward, M.P. and A. Raim. 2011. The fly-and-social foraging hypothesis for diurnal migration: why American crows migrate during the day. *Behavioral Ecology and Sociobiology* 65:1411-1418.
21. Roberts, L.A. B. Molano-Flores, M.P. Ward, and D.C. Elbert. 2011. Insect emergence variation in northern Illinois wetlands used by the Yellow-headed Blackbird (*Xanthocephalus xanthocephalus*). *Transactions of the Illinois State Academy of Science* 104: 85-91.
22. Ward, M.P., B. Semel, C. Jablonski, C. Deutsch, V. Giammaria, S. Miller, and B. McGuire. 2011. The positive and negative consequences of using conspecific attraction in management: a case study with endangered colonial waterbirds. *Waterbirds* 34:476-480.
23. Celis-Murillo, A., J.L. Deppe, and M.P. Ward. 2012. Effectiveness and utility of acoustic recordings for surveying tropical birds. *Journal of Field Ornithology* 83:166-179.
24. Benson, T.J., M.P. Ward, R.L. Lampman, A. Raim, and P.J. Weatherhead. 2012. Implications of spatial patterns of roosting and movements of American robins for West Nile Virus

transmission. *Vector-borne and Zoonotic Diseases* 12:877-885.

25. Ward, M.P., J.H. Sperry, and P.J. Weatherhead. 2013 Evaluation of automated radio telemetry for quantifying movements and home ranges of snakes. *Journal of Herpetology* (in press).
26. Sperry, J.H., M.P. Ward, and P.J. Weatherhead. 2013. Effects of temperature, moon phase, and prey on nocturnal activity of ratsnakes. *Journal of Herpetology* (in press).
27. Benson, T.J., S. Chiavacci, and M.P. Ward. 2013. Patch size and edge proximity are useful predictors of brood parasitism but not nest survival of grassland birds in eastern North America. *Ecological Applications* (in press).