



Ameren Exhibit No. 9
Date 12-4-18 Reporter TR
File No. ET-2018-0132

	January_08:00	January_12:00	January_13:00	January_18:00	April_08:00	April_12:00	April_13:00	April_18:00	July_08:00	July_12:00	July_13:00	July_18:00	August_02:00	August_12:00	August_13:00	August_18:00	October_08:00	October_12:00	October_13:00	October_18:00
22 & 23 Lesperance_20-2	2,685	2,760	2,752	2,911	2,940	2,932	2,925	3,105	2,385	2,262	2,248	2,579	2,435	2,385	2,363	2,651	2,911	2,954	2,947	3,098
22 & 23 Lesperance_20-13	2,457	2,359	2,428	2,515	2,594	2,443	2,457	2,673	2,500	2,313	2,176	2,464	2,428	2,234	2,118	2,479	2,450	2,407	2,320	2,651
22 & 23 Blair_26-1	2,558	2,515	2,594	2,803	2,709	2,680	2,738	2,882	2,313	2,154	2,298	2,443	2,320	2,342	2,342	2,536	-	-	-	-
22 & 23 Blair_26-2	501	922	1,002	1,196	2,777	2,212	2,176	2,399	1,830	1,535	1,513	1,794	1,780	1,578	1,441	1,852	1,981	2,241	2,089	2,183
22 & 23 Blair_26-5	2,212	2,154	2,162	2,493	2,241	2,190	2,212	2,623	1,715	1,585	1,564	2,017	1,736	1,549	1,564	2,082	2,212	2,219	2,133	2,428
22 & 23 Blair_26-7	1,729	1,751	1,765	1,765	2,515	2,500	2,507	2,601	1,945	1,808	1,801	1,830	1,672	1,333	1,261	1,600	1,931	1,816	1,902	2,140
22 & 23 Blair_26-9	1,369	1,419	1,520	1,736	1,657	1,607	1,672	2,082	922	598	670	1,225	973	721	800	1,434	1,491	1,506	1,614	2,068
22 & 23 Blair_26-10	3,228	3,250	3,264	3,293	2,255	2,241	2,255	2,536	1,924	1,845	1,823	2,176	2,169	1,981	2,053	2,363	2,587	2,255	2,414	2,875
22 & 23 Mullenphy_160-1	2,414	2,363	2,370	2,385	2,601	2,529	2,529	2,579	2,017	1,722	1,664	1,715	2,133	1,924	1,881	1,909	2,349	2,313	2,313	2,342

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24 & 25 Duncan_109-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24 & 25 Duncan_109-2	3,293	-	-	3,286	-	-	-	-	3,141	-	-	-	3,134	-	-	3,127	3,293	-	-	3,300
24 & 25 Duncan_109-4	2,666	2,731	2,731	2,695	2,882	2,774	2,810	2,889	2,479	2,370	2,370	2,572	2,572	2,507	2,500	2,637	2,738	2,688	2,680	2,781
24 & 25 Duncan_109-8	1,586	1,596	2,010	2,082	2,226	2,241	2,219	2,313	1,938	1,888	1,888	1,931	1,830	1,693	1,650	1,751	2,313	2,320	2,320	2,435
24 & 25 Duncan_109-12	1,455	1,427	1,434	1,297	2,162	1,581	1,589	1,967	1,419	1,117	1,088	1,066	1,643	1,347	1,333	1,319	1,960	1,816	1,787	1,765
24 & 25 Boyle 12kv_963-52	8,229	8,207	8,229	8,142	8,574	8,402	8,423	8,402	6,069	5,896	5,896	5,831	6,263	6,242	6,242	6,242	7,775	7,754	7,732	7,473
24 & 25 Boyle 12kv_963-53	9,611	9,698	9,698	9,741	9,827	9,741	9,762	9,849	8,034	7,775	7,754	7,862	8,059	7,905	7,883	8,034	9,611	9,503	9,482	9,568
24 & 25 Boyle 12kv_963-58	10,108	10,108	10,108	10,151	10,237	10,281	10,281	10,194	8,250	8,164	8,142	8,078	8,574	8,488	8,488	8,445	10,065	10,086	10,065	9,935
24 & 25 Boyle 12kv_963-59	8,229	8,337	8,337	8,294	8,574	8,402	8,423	8,445	6,652	6,307	6,263	6,242	6,850	6,609	6,587	6,609	8,013	7,840	7,818	8,056

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26 & 27 Lesperance_20-1	2,003	1,909	1,909	2,176	2,025	1,866	1,866	2,162	1,261	951	973	1,463	1,513	1,189	1,232	1,679	2,176	1,945	1,960	2,342
26 & 27 Lesperance_20-4	1,758	1,974	1,917	1,751	2,219	2,342	2,270	2,248	1,628	1,585	1,513	1,607	2,032	1,974	1,895	1,909	2,270	2,399	2,306	2,298
26 & 27 Lesperance_20-5	2,450	2,515	2,507	2,334	2,561	2,911	2,889	2,817	1,708	1,441	1,376	1,102	1,917	1,787	1,758	1,564	2,752	2,760	2,752	2,644
26 & 27 Lesperance_20-6	2,414	2,558	2,623	2,536	2,716	2,666	2,659	2,709	2,053	1,917	1,895	1,881	2,075	1,902	1,888	1,902	2,356	2,428	2,421	2,457
26 & 27 Lesperance_20-7	1,254	1,463	1,463	1,261	1,888	1,873	1,859	1,801	965	468	375	238	1,196	879	821	728	1,715	1,672	1,664	1,564
26 & 27 Lesperance_20-8	1,852	2,039	2,053	1,708	2,695	2,716	2,702	2,608	1,700	1,333	1,196	893	2,010	1,744	1,657	1,369	2,572	2,615	2,608	2,471
26 & 27 Lesperance_20-10	2,169	2,219	2,241	2,104	2,695	2,572	2,551	2,507	1,765	1,283	1,189	944	2,262	1,974	1,931	1,744	2,644	2,507	2,479	2,435
26 & 27 Lesperance_20-11	2,053	2,032	2,046	2,010	2,370	2,262	2,262	2,370	2,126	1,772	1,715	1,794	2,262	1,567	1,938	2,061	2,313	2,234	2,226	2,334

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28 & 29 Ferguson 4kv_131-2	4,064	4,064	4,071	3,941	4,345	4,301	4,287	4,201	2,428	2,017	1,895	1,621	2,709	2,421	2,327	2,068	4,294	4,273	4,244	4,150
28 & 29 Ferguson 4kv_131-7	2,918	2,889	2,888	2,796	3,127	3,058	3,088	3,055	2,443	1,881	1,852	1,636	2,695	2,407	2,313	2,068	3,084	3,048	3,033	2,969

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30 & 31 Enright 4kv_251-5	2,025	1,953	1,989	2,046	2,205	2,039	1,981	2,147	1,059	670	641	821	1,218	908	893	1,131	2,053	1,895	1,895	2,010
30 & 31 Enright 4kv_251-14	2,450	2,407	2,407	2,385	2,659	2,464	2,407	2,359	1,585	1,268	1,232	1,283	1,830	1,439	1,441	1,455	2,666	2,464	2,457	2,450
30 & 31 Enright 12kv_401-51	9,762	9,698	9,676	9,654	10,000	9,762	9,762	9,698	7,905	7,538	7,473	7,581	8,164	7,862	7,862	7,948	9,914	9,633	9,633	9,676
30 & 31 Enright 12kv_401-52	9,658	9,698	9,676	9,698	9,892	9,654	9,654	9,698	8,121	7,797	7,754	7,840	8,250	8,034	7,970	8,056	9,784	9,525	9,525	9,568

DR 18 – 31 “Summary Table” tab of “mpsc 0018 attachment – available ev charging in dr areas – conf.xls”

Estimated Number of Electric Vehicles for which Simultaneous Charging would be Supported by Existing Local Infrastructure by Time and Location													
	3	4	5	6	7	8	9	10	11	12	13	14	
DR #	Demand	January 8:00 AM	January 12:00 PM	January 1:00 PM	January 6:00 PM	April/October 8:00 AM	April/October 12:00 PM	April/October 1:00 PM	April/October 6:00 PM	July/August 8:00 AM	July/August 12:00 PM	July/August 1:00 PM	July/August 6:00 PM
18	6.6 kW	5,534	5,521	5,534	5,612	5,907	5,615	5,632	5,723	4,781	4,269	4,228	4,374
20	6.6 kW	55,412	54,811	54,811	55,444	56,520	55,138	55,046	55,816	46,681	44,667	44,529	45,368
22	6.6 kW	2,964	2,960	3,009	3,196	3,008	2,958	2,970	3,278	2,666	2,414	2,392	2,814
24	6.6 kW	6,907	6,440	6,446	6,922	6,837	6,502	6,499	6,767	5,833	5,175	5,158	5,435
26	6.6 kW	2,417	2,532	2,539	2,406	2,907	2,861	2,839	2,861	2,157	1,831	1,769	1,733
28	6.6 kW	1,058	1,053	1,055	1,021	1,125	1,115	1,111	1,089	778	669	635	560
30	6.6 kW	3,626	3,599	3,598	3,603	3,725	3,594	3,584	3,609	2,889	2,695	2,672	2,736
19	19.2 kW	1,902	1,898	1,902	1,929	2,030	1,930	1,936	1,967	1,643	1,467	1,453	1,503
21	19.2 kW	19,048	18,841	18,841	19,059	19,429	18,954	18,922	19,187	16,046	15,354	15,307	15,595
23	19.2 kW	1,019	1,017	1,034	1,099	1,034	1,017	1,021	1,127	917	830	822	967
25	19.2 kW	2,374	2,214	2,216	2,380	2,350	2,235	2,234	2,326	2,005	1,779	1,773	1,868
27	19.2 kW	831	870	873	827	999	984	976	984	742	629	608	596
29	19.2 kW	364	362	363	351	387	383	382	374	268	230	218	193
31	19.2 kW	1,247	1,237	1,237	1,239	1,281	1,235	1,232	1,241	993	926	918	941