

Downloadable Dynamometer Database (D³)- Test Summary Sheet

2015 Volkswagon E-Golf								
Vehicle architecture	Battery Electric Vehicle							
Document date	1/26/2016							
Revision Number	1							
Notes:								

Vehicle Setup Information

Test cell location	ANL APRF Bdg 371							
Vehicle dynamometer Input								
Test weight [lb]	3744							
Target A [lb]	41.6754							
Target B [lb/mph]	0.6423							
Target C [lb/mph^2]	0.00992							
Test Fuel Information								
Fuel type	Electricity							
Fuel density [g/ml]	-							
Fuel Net HV [BTU/lbm]	-							

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	Test information	_		Test o	ell inforr	nation		setup	Ve	hicle set	tup				LICC		rgy consu	mption
61511020	UDDS #1, Ph 1+2	CSt	11/06/15	-17	13	29	SM	0	72	Closed	Closed	7.45			12.792	343.2	4395.96	588.32
61511020 61511020	Hwy #1, Ph 3 UDDS #2, Ph 4+5	HSt HSt	11/06/15 11/06/15	-14 -17	11 15	29 29	SM SM	0	72.00 72.00	Closed Closed	Closed Closed	10.25 7.49			10.187 12.767	325.8 320.1	3351.86 4119.68	323.94 545.46
61511020	US06 #1, Ph 6+7	HSt	11/06/15	-15	11	29	SM	0	72.00	Closed	Closed	8.00			9.532	311.4	2899.71	370.37
61511021	US06 #2, Ph 1+2	HSt	11/06/15	-15	10	29	SM	0	72.00	Closed	Closed	8.02			9.476	306.4	2829.00	360.94
61511021	UDDS #3, Ph 3+4	HSt	11/06/15	-17	14	29	SM	0	72.00	Closed	Closed	7.49			6.060	302.5	1833.27	244.91
61511021 Full charge tes	HWY #2, Ph 5	HSt	11/06/15	-16	13	29	SM	0	72.00	Closed	Closed	2.77 51.45			2.332 63.1	257.4	677.00 20106	217.05
Re-charging in				-17	Ambient t	emperatur	e during charge	e [C]			· otais		energy use	ed during d	lays testing	[DC Wh]	20326	
	2														ated power		22828	
61511017 61511017	UDDS #1, Ph 1+2	CSt HSt	11/05/15 11/05/15	-6 -	10	29	SM SM	0	72.00	Closed	Closed	7.45 10.24			7.563 7.774	348.3 337.2	2622.00	353.69
61511017	Hwy #1, Ph 3 UDDS #2, Ph 4+5	HSt	11/05/15	-5 -6	9 10	29 29	SM	0	72.00 72.00	Closed Closed	Closed Closed	7.45			6.319	337.2	2629.87 2084.93	255.92 280.20
61511017	US06 #1, Ph 6+7	HSt	11/05/15	-5	8	29	SM	0	72.00	Closed	Closed	8.02			8.101	322.6	2540.87	325.40
61511018	US06 #2, Ph 3+4	HSt	11/05/15	-7	10	29	SM	0	72.00	Closed	Closed	7.43			3.117	316.5	979.00	132.59
61511018 61511018	UDDS #3, Ph 1+2 Hwy #2, Ph 3	HSt HSt	11/05/15 11/05/15	-5 -7	8 10	29 29	SM SM	0	72.00 72.00	Closed Closed	Closed Closed	8.04 3.54			7.797 3.117	317.8 317.0	2419.72 979.00	582.16 279.36
61511018	UDDS #4, Ph 4+5	ПОІ	11/05/15	-7 -7	9	29	SM	0	72.00	Closed	Closed	14.16			10.849	313.3	3376.89	279.36
61511019	SSS 65 to deplete		11/05/15	-3	8	29	SM	0	72.00	Closed	Closed	1.81			1.726	302.5	512.00	289.27
Full charge tes	•			_	_						Totals	68.13			56.4		18144	
Re-charging in Level:	offormation 2			-7	Temperat	ure during	charge [C]					Total			lays testing ated power		19188 21595	
61511009	UDDS #1, Ph 1+2	CSt	11/03/15	23	50	29	SM	0	Off	Closed	Open	7.46		3 - 13	4.015	351.7	1416.70	189.26
61511009	HWY, Ph 3	HSt	11/03/15	25	36	29	SM	0	Off	Closed	Open	10.24			5.813	345.1	2027.00	195.84
61511009 61511009	UDDS #2, Ph 4+5 US06 #1, Ph 6+7	HSt HSt	11/03/15 11/03/15	20 23	55 37	29 29	SM SM	0	Off Off	Closed Closed	Open Open	7.49 8.03			3.955 6.496	340.4 332.4	1351.00 2147.00	179.83 268.45
61511010	SSS 65MPH, Ph 1	HSt	11/03/15	26	38	29	SM	0	Off	Closed	Open	23.20			17.859	320.6	5961.00	246.75
61511010	US06 #2, Ph 3+4	HSt	11/03/15	22	40	29	SM	0	Off	Closed	Open	8.01			6.806	316.3	2184.00	268.35
61511011	UDDS #3, Ph 1+2	HSt	11/03/15	20	53	29	SM	0	Off	Closed	Open	7.49				314.5	1350.32	174.58
61511011	Hwy #2, Ph 3 UDDS #4, Ph 4+5	HSt	11/03/15	25			CNA	I ^	0"		0				4.155			
61511011	I UDDS #4. FH 4+3	HSt	11/03/15		40 57	29 29	SM SM	0	Off Off	Closed	Open Open	10.26			6.443	309.1	2075.00	194.05
61511011 61511012	SSS 65 to deplete	HSt HSt	11/03/15 11/03/15	20 23	57 43	29 29 29	SM SM SM	0 0 0	Off Off Off		Open Open Open							
	SSS 65 to deplete	l .		20	57	29	SM	0	Off	Closed Closed	Open	10.26 7.49			6.443 4.071	309.1 306.1	2075.00 1286.00	194.05 166.52
61511012 Full charge tes Re-charging in	SSS 65 to deplete st summary nformation	l .		20	57 43	29 29	SM	0	Off	Closed Closed	Open Open	10.26 7.49 0.73 90.40			6.443 4.071 0.502 60.1 days testing	309.1 306.1 304.4 g [DC Wh]	2075.00 1286.00 156.00 19954 19978	194.05 166.52
61511012 Full charge tes Re-charging in	SSS 65 to deplete	l .		20 23	57 43	29 29	SM SM	0	Off	Closed Closed	Open Open	10.26 7.49 0.73 90.40			6.443 4.071 0.502 60.1	309.1 306.1 304.4 g [DC Wh]	2075.00 1286.00 156.00 19954	194.05 166.52
61511012 Full charge tes Re-charging in Level:	SSS 65 to deplete st summary nformation 2	HSt	11/03/15	20 23 23	57 43 Temperat	29 29 ure during	SM SM charge [C]	0	Off Off	Closed Closed	Open Open Totals	10.26 7.49 0.73 90.40 Total			6.443 4.071 0.502 60.1 days testing	309.1 306.1 304.4 g [DC Wh]	2075.00 1286.00 156.00 19954 19978 21801	194.05 166.52 208.67
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006	SSS 65 to deplete st summary nformation 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade	HSt HSt HSt	11/03/15 11/02/15 11/02/15 11/02/15	20 23 23 23 23 24	57 43 Temperat 40 53 40	29 29 ure during 29 29 29	SM SM charge [C] SM SM SM	0 0 0 0 0 0	Off Off Off Off	Closed Closed Closed Closed Closed Closed Closed	Open Open Totals Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99			6.443 4.071 0.502 60.1 days testing atted power 4.023 13.076 15.649	309.1 306.1 304.4 g [DC Wh] ar [AC Wh] 348.2 336.7 316.6	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00	194.05 166.52 208.67 225.06 707.74 496.01
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007	SSS 65 to deplete st summary nformation 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test	HSt HSt HSt HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15	20 23 23 23 23 24 20	57 43 Temperat 40 53 40 42	29 29 ure during 29 29 29 29	SM SM charge [C] SM SM SM	0 0 0 0 0 0 0	Off Off Off Off Off	Closed Closed Closed Closed Closed Closed Closed Closed Closed	Open Open Totals Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65			6.443 4.071 0.502 60.1 days testing ated power 4.023 13.076 15.649 4.751	309.1 306.1 304.4 g [DC Wh] er [AC Wh] 348.2 336.7 316.6 260.8	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00	194.05 166.52 208.67 225.06 707.74 496.01 1901.02
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006	SSS 65 to deplete st summary nformation 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade	HSt HSt HSt	11/03/15 11/02/15 11/02/15 11/02/15	20 23 23 23 23 24	57 43 Temperat 40 53 40	29 29 ure during 29 29 29	SM SM charge [C] SM SM SM	0 0 0 0 0 0	Off Off Off Off	Closed Closed Closed Closed Closed Closed Closed	Open Open Totals Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99			6.443 4.071 0.502 60.1 days testing atted power 4.023 13.076 15.649	309.1 306.1 304.4 g [DC Wh] ar [AC Wh] 348.2 336.7 316.6	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00	194.05 166.52 208.67 225.06 707.74 496.01
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007 61511028	SSS 65 to deplete st summary nformation 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1+2 Hwy #1, Ph 3	HSt HSt HSt HSt HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/11/15	20 23 23 23 23 24 20 24	57 43 Temperat 40 53 40 42 37	29 29 ure during 29 29 29 29	SM SM charge [C] SM SM SM SM	0 0 0	Off Off Off Off Off Off Off	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43			6.443 4.071 0.502 60.1 days testing ated power 4.023 13.076 15.649 4.751 9.640	309.1 306.1 304.4 g [DC Wh] at [AC Wh] 348.2 336.7 316.6 260.8 332.1	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007 61511028 61511013 61511013 61511013	SSS 65 to deplete st summary Information 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1+2 Hwy #1, Ph 3 UDDS #2, Ph 4+5	HSt HSt HSt HSt HSt HSt HSt HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/11/15 11/04/15 11/04/15	20 23 23 23 23 24 20 24 36 38 35	57 43 Temperat 40 53 40 42 37 42 29 55	29 29 ure during 29 29 29 29 29 29 29	SM SM Charge [C] SM	0 0 0 0 0 0 0 850 850	Off Off Off Off Off Off 72.00 72.00	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43 7.47 10.25 7.49			6.443 4.071 0.502 60.1 days testing atted power 4.023 13.076 15.649 4.751 9.640 5.036 6.122 5.088	309.1 306.1 304.4 g [DC Wh] 348.2 336.7 316.6 260.8 332.1 351.4 344.1 338.5	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00 1749.00 2083.00 1704.00	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15 237.03 205.57 230.02
61511012 Full charge tes Re-charging in Level: 61511002 61511006 61511007 61511028 61511013 61511013 61511013	SSS 65 to deplete st summary nformation 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1+2 Hwy #1, Ph 3 UDDS #2, Ph 4+5 US06 #1, Ph 6+7	HSt HSt HSt HSt HSt HSt HSt HSt HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/11/15 11/04/15 11/04/15 11/04/15	20 23 23 23 24 20 24 36 38 35 35	57 43 Temperat 40 53 40 42 37 42 29 55 29	29 29 ure during 29 29 29 29 29 29	SM SM Charge [C] SM	0 0 0 0 0 0 0 850 850 850 850	Off Off Off Off Off Off 72.00 72.00 72.00	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43 7.47 10.25 7.49 8.02			6.443 4.071 0.502 60.1 days testing 4.023 13.076 15.649 4.751 9.640 5.036 6.122 5.088 6.856	309.1 306.1 304.4 g [DC Wh] at [AC Wh] 348.2 336.7 316.6 260.8 332.1 351.4 344.1 338.5 329.8	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00 1749.00 2083.00 1704.00 2181.00	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15 237.03 205.57 230.02 281.29
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007 61511028 61511013 61511013 61511013	SSS 65 to deplete st summary Information 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1+2 Hwy #1, Ph 3 UDDS #2, Ph 4+5	HSt HSt HSt HSt HSt HSt HSt HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/11/15 11/04/15 11/04/15	20 23 23 23 23 24 20 24 36 38 35	57 43 Temperat 40 53 40 42 37 42 29 55	29 29 ure during 29 29 29 29 29 29 29 29	SM SM Charge [C] SM	0 0 0 0 0 0 0 850 850	Off Off Off Off Off Off 72.00 72.00	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43 7.47 10.25 7.49			6.443 4.071 0.502 60.1 days testing atted power 4.023 13.076 15.649 4.751 9.640 5.036 6.122 5.088	309.1 306.1 304.4 g [DC Wh] 348.2 336.7 316.6 260.8 332.1 351.4 344.1 338.5	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00 1749.00 2083.00 1704.00	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15 237.03 205.57 230.02
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007 61511028 61511013 61511013 61511013 61511014 61511014 61511015	SSS 65 to deplete St summary Information 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1-4 UDDS #1, Ph 3 UDDS #2, Ph 4+5 US06 #1, Ph 6+7 SSS 65MPH, Ph 1 US06 #2, Ph 3+4 SC03, Ph 1	HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/11/15 11/04/15 11/04/15 11/04/15 11/04/15	20 23 23 23 24 20 24 36 38 35 35 39 34 35	57 43 Temperat 40 53 40 42 37 42 29 55 29 35 37 60	29 29 ure during 29 29 29 29 29 29 29 29 29 29 29	SM SM Charge [C] SM	0 0 0 0 0 0 0 850 850 850 850 850 850	Off Off Off Off Off Off 72.00 72.00 72.00 72.00	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43 7.47 10.25 7.49 8.02 10.39 8.03 3.58			6.443 4.071 0.502 60.1 days testing ated power 4.023 13.076 15.649 4.751 9.640 5.036 6.122 5.088 6.856 8.580 7.111 2.704	309.1 306.1 304.4 g [DC Wh] 348.2 336.7 316.6 260.8 332.1 351.4 344.1 338.5 329.8 322.3	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00 1749.00 2083.00 1704.00 2181.00 2695.32	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15 237.03 205.57 230.02 281.29 266.10 282.59 240.24
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007 61511028 61511013 61511013 61511013 61511014 61511014 61511015	SSS 65 to deplete St summary Information 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1+2 Hwy #1, Ph 3 UDDS #2, Ph 4+5 US06 #1, Ph 6+7 SSS 65MPH, Ph 1 US06 #2, Ph 3+4 SC03, Ph 1 SC03, Ph 2	HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15	20 23 23 23 24 20 24 36 38 35 35 39 34 35 35	57 43 Temperat 40 53 40 42 37 42 29 55 29 35 37 60 42	29 29 29 29 29 29 29 29 29 29 29 29 29 2	SM SM SM Charge [C] SM	0 0 0 0 0 0 0 850 850 850 850 850 850 85	Off Off Off Off Off Off Off 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43 7.47 10.25 7.49 8.02 10.39 8.03 3.58 3.59			6.443 4.071 0.502 60.1 days testing ated power 4.023 13.076 15.649 4.751 9.640 5.036 6.122 5.088 6.856 8.580 7.111 2.704 2.573	309.1 306.1 304.4 g [DC Wh] 348.2 336.7 316.6 260.8 332.1 351.4 344.1 338.5 329.8 322.3 319.3 318.3 316.7	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00 1749.00 2083.00 1704.00 2181.00 2695.32 2184.00 840.60 794.00	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15 237.03 205.57 230.02 281.29 266.10 282.59 240.24 226.83
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007 61511028 61511013 61511013 61511013 61511014 61511014 61511015	SSS 65 to deplete St summary Information 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1-4 UDDS #1, Ph 3 UDDS #2, Ph 4+5 US06 #1, Ph 6+7 SSS 65MPH, Ph 1 US06 #2, Ph 3+4 SC03, Ph 1	HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15	20 23 23 23 24 20 24 36 38 35 35 39 34 35	57 43 Temperat 40 53 40 42 37 42 29 55 29 35 37 60	29 29 ure during 29 29 29 29 29 29 29 29 29 29 29	SM SM Charge [C] SM	0 0 0 0 0 0 0 850 850 850 850 850 850	Off Off Off Off Off Off 72.00 72.00 72.00 72.00 72.00 72.00	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43 7.47 10.25 7.49 8.02 10.39 8.03 3.58			6.443 4.071 0.502 60.1 days testing ated power 4.023 13.076 15.649 4.751 9.640 5.036 6.122 5.088 6.856 8.580 7.111 2.704	309.1 306.1 304.4 g [DC Wh] 348.2 336.7 316.6 260.8 332.1 351.4 344.1 338.5 329.8 322.3 319.3 318.3	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00 1749.00 2083.00 1704.00 2181.00 2695.32 2184.00 840.60	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15 237.03 205.57 230.02 281.29 266.10 282.59 240.24
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007 61511028 61511013 61511013 61511013 61511014 61511014 61511015 61511015	SSS 65 to deplete St summary Information 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1-4 UDDS #1, Ph 3 UDDS #2, Ph 4+5 US06 #1, Ph 6+7 SSS 65MPH, Ph 1 US06 #2, Ph 3+4 SC03, Ph 1 SC03, Ph 2 Hwy #2, Ph 3	HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15	20 23 23 23 24 20 24 36 38 35 35 39 34 35 35 38	57 43 Temperat 40 53 40 42 37 42 29 55 29 35 37 60 42 28	29 29 ure during 29 29 29 29 29 29 29 29 29 29 29 29 29	SM SM SM Charge [C] SM	0 0 0 0 0 0 0 850 850 850 850 850 850 85	Off Off Off Off Off Off Off 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43 7.47 10.25 7.49 8.02 10.39 8.03 3.58 3.59 10.27			6.443 4.071 0.502 60.1 days testing atted power 4.023 13.076 15.649 4.751 9.640 5.036 6.122 5.088 6.856 8.580 7.111 2.704 2.573 6.742	309.1 306.1 304.4 3 [DC Wh] 348.2 336.7 316.6 260.8 332.1 351.4 344.1 338.5 329.8 322.3 319.3 318.3 316.7 313.4	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00 1749.00 2083.00 1704.00 2181.00 2695.32 2184.00 840.60 794.00 2077.57	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15 237.03 205.57 230.02 281.29 266.10 282.59 240.24 226.83 205.76
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007 61511028 61511013 61511013 61511013 61511014 61511014 61511015 61511015 61511015	SSS 65 to deplete St summary Information 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1+2 Hwy #1, Ph 3 UDDS #2, Ph 4+5 US06 #1, Ph 6+7 SSS 65MPH, Ph 1 US06 #2, Ph 3+4 SC03, Ph 1 SC03, Ph 2 Hwy #2, Ph 3 UDDS #4, Ph 4+5 SSS 65 to deplete	HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/02/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15	20 23 23 23 24 20 24 36 38 35 35 39 34 35 35 35 36 36	57 43 Temperate 40 53 40 42 37 42 29 55 29 35 37 60 42 28 45	29 29 29 29 29 29 29 29 29 29 29 29 29 2	SM SM SM Charge [C] SM	0 0 0 0 0 0 0 850 850 850 850 850 850 85	Off Off Off Off Off Off Off 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43 7.47 10.25 7.49 8.02 10.39 8.03 3.58 3.59 10.27 7.48			6.443 4.071 0.502 60.1 days testing 4.023 13.076 15.649 4.751 9.640 5.036 6.122 5.088 6.856 8.580 7.111 2.704 2.573 6.742 5.308	309.1 306.1 304.4 g [DC Wh] 348.2 336.7 316.6 260.8 332.1 351.4 344.1 338.5 329.8 322.3 319.3 318.3 316.7 313.4 308.5	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00 1749.00 2083.00 1704.00 2181.00 2695.32 2184.00 840.60 794.00 2077.57 1600.00	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15 237.03 205.57 230.02 281.29 266.10 282.59 240.24 226.83 205.76 218.80
61511012 Full charge tes Re-charging in Level: 61511002 61511003 61511006 61511007 61511028 61511013 61511013 61511013 61511014 61511014 61511015 61511015 61511015 61511015 61511016 Full charge tes Re-charging in	SSS 65 to deplete St summary Information 2 SSS 0-80-0 0% Grade SSS 0-80-0 6% Grade Passing Maneuvers 0,3,6% grade 25% Grade Test WLTP, Ph 1-4 UDDS #1, Ph 1+2 Hwy #1, Ph 3 UDDS #2, Ph 4+5 US06 #1, Ph 6+7 SSS 65MPH, Ph 1 US06 #2, Ph 3+4 SC03, Ph 1 SC03, Ph 2 Hwy #2, Ph 3 UDDS #4, Ph 4+5 SSS 65 to deplete	HSt	11/03/15 11/02/15 11/02/15 11/02/15 11/02/15 11/02/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15 11/04/15	20 23 23 23 24 20 24 36 38 35 35 39 34 35 35 35 36 40	57 43 Temperat 40 53 40 42 37 42 29 55 29 35 37 60 42 28 45 27	29 29 ure during 29 29 29 29 29 29 29 29 29 29 29 29 29	SM SM SM Charge [C] SM	0 0 0 0 0 0 0 850 850 850 850 850 850 85	Off Off Off Off Off Off Off Off 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00 72.00	Closed	Open Open Open Open Open Open Open Open	10.26 7.49 0.73 90.40 Total 6.23 6.22 9.99 0.65 14.43 7.47 10.25 7.49 8.02 10.39 8.03 3.58 3.59 10.27 7.48 5.27	Cha	arge integra	6.443 4.071 0.502 60.1 days testing ated power 4.023 13.076 15.649 4.751 9.640 5.036 6.122 5.088 6.856 8.580 7.111 2.704 2.573 6.742 5.308 4.201 60.3	309.1 306.1 304.4 2 [DC Wh] 348.2 336.7 316.6 260.8 332.1 351.4 344.1 338.5 329.8 322.3 319.3 318.3 316.7 313.4 308.5 290.3	2075.00 1286.00 156.00 19954 19978 21801 1396.26 4332.65 4764.00 1408.00 3143.00 1749.00 2083.00 1704.00 2181.00 2695.32 2184.00 840.60 794.00 2077.57 1600.00 1243.00	194.05 166.52 208.67 225.06 707.74 496.01 1901.02 55.15 237.03 205.57 230.02 281.29 266.10 282.59 240.24 226.83 205.76 218.80

Summary notes

Electric energy consumption:

- HV battery Integrated net current --> Integrated current as reported by power analyzer
- HV battery Average Zero crossing Voltage --> Calculated Average Zero crossing Voltage over the phase or cycle
- HV Net Energy --> Integrated power as reported by power analyzer
- Note that HV Net Energy is not equal to the product of HV battery Integrated net current times Average Zero crossing Voltage.
- * Target Coefficients developed during AVTE coast down testing

Advanced Powertrain Research Facility Data referencing:

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