

2019 UNITED STATES GRAND PRIX

31 October - 3 November 2019

From The FIA Formula One Technical Delegate Document 3

To The Stewards Date 31 October 2019

Time 12:00

Title Technical Delegate's Report

Description PU elements used per driver up to now

Enclosed 19 United States GP 19 TDR1.pdf

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The FIA Formula One Technical Delegate



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The drivers entered in the 2019 Formula One Championship have used the below listed number of power unit elements during this season so far:

ICE MGU-H ES		Internal Combustion Engine Motor Generator Unit – Heat Energy Store		TC MGU-K CE		Turbo Charger Motor Generator Unit – Kinetic Control Electronics			
N°	Car		Driver	ICE	TC	MGU-H	MGU-K	ES	CE
44	Mercedes		Lewis Hamilton	3	3	3	2	2	2
77	Mercedes		Valtteri Bottas	3	3	3	2	2	2
05	Ferrari		Sebastian Vettel	3	3	3	2	2	3
16	Ferrari		Charles Leclerc	3	3	3	2	2	2
33	RBR Honda		Max Verstappen	5	4	4	3	3	3
23	RBR Honda		Alexander Albon	5	5	5	4	3	3
03	Renault		Daniel Ricciardo	5	4	4	4	3	4
27	Renault		Nico Hülkenberg	6	4	4	3	2	3
80	Haas Ferrari		Romain Grosjean	3	3	3	2	2	2
20	Haas Ferrari		Kevin Magnussen	3	3	3	2	2	3
55	McLaren Renault		Carlos Sainz	5	4	4	4	4	3
04	McLaren Renault		Lando Norris	4	4	4	4	4	4
11	Racing Point Mercedes		Sergio Perez	4	4	4	3	2	2
18	Racing Point Mercedes		Lance Stroll	4	4	4	2	1	1
07	Alfa Romeo Ferrari		Kimi Räikkönen	4	3	3	2	2	3
99	Alfa Romeo Ferrari		Antonio Giovinazzi	4	4	4	2	2	4
26	Toro Rosso Honda		Daniil Kvyat	7	7	7	6	3	3
10	Toro Rosso Honda		Pierre Gasly	7	5	5	5	3	3
63	Williams Mercedes		George Russell	3	3	3	2	3	3
88	Williams Mercedes		Robert Kubica	4	4	4	2	1	1