



## 2017 SINGAPORE GRAND PRIX

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<b>From</b>	The FIA Formula One Technical Delegate	<b>Document</b>	4
<b>To</b>	The FIA Stewards of the Meeting	<b>Date</b>	14 September 2017
		<b>Time</b>	13:00

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**Title** Technical Delegate's Report  
**Description** PU elements used per driver up to now  
**Enclosed** 14 Singapore GP 17 TDR1.pdf

**Jo Bauer**

**The FIA Formula One Technical Delegate**



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### Technical Delegate's Report

The drivers entered in the 2017 Formula One Championship have used the below listed number of power unit elements during this season so far:

**ICE**      Internal Combustion Engine                                      **TC**      Turbo Charger  
**MGU-H**   Motor Generator Unit – Heat                                      **MGU-K**   Motor Generator Unit – Kinetic  
**ES**      Energy Store    **CE**      Control Electronics

N°	Car	Driver	ICE	TC	MGU-H	MGU-K	ES	CE
44	Mercedes	Lewis Hamilton	4	4	4	3	2	2
77	Mercedes	Valtteri Bottas	4	4	4	3	2	2
03	RBR TAG Heuer	Daniel Ricciardo	5	5	6	3	2	2
33	RBR TAG Heuer	Max Verstappen	5	5	5	2	3	3
05	Ferrari	Sebastian Vettel	3	4	3	3	3	3
07	Ferrari	Kimi Räikkönen	3	4	3	3	3	3
11	Force India Mercedes	Sergio Perez	3	3	3	2	2	2
31	Force India Mercedes	Esteban Ocon	3	3	3	2	3	2
19	Williams Mercedes	Felipe Massa	3	3	3	2	2	2
18	Williams Mercedes	Lance Stroll	3	3	3	2	2	2
14	McLaren Honda	Fernando Alonso	7	9	9	7	6	5
02	McLaren Honda	Stoffel Vandoorne	7	10	10	7	6	6
26	Toro Rosso	Daniil Kvyat	5	5	5	2	4	4
55	Toro Rosso	Carlos Sainz	3	3	5	3	2	3
08	Haas Ferrari	Romain Grosjean	4	4	4	3	3	3
20	Haas Ferrari	Kevin Magnussen	4	4	3	3	3	3
27	Renault	Nico Hülkenberg	3	4	5	3	3	3
30	Renault	Jolyon Palmer	4	5	5	2	3	3
09	Sauber Ferrari	Marcus Ericsson	4	4	4	3	3	3
94	Sauber Ferrari	Pascal Wehrlein	4	4	4	3	3	3