
DRAFT STATUTORY INSTRUMENTS

2021 No.

The Ecodesign for Energy-Related Products and
Energy Information (Amendment) Regulations 2021

PART 3

AMENDMENTS TO COMMISSION DELEGATED
REGULATIONS RELATED TO ENERGY LABELLING

Amendments to Commission Delegated Regulation (EU) 2019/2013: electronic displays

4.—(1) Commission Delegated Regulation (EU) 2019/2013 of 11 March 2019 supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of electronic displays and repealing Commission Delegated [Regulation \(EU\) No 1062/2010](#)(1), as modified by Schedule 1 to the Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2020, is amended as follows.

(2) In Article 1(2) (subject matter and scope), in point (g), for “of products covered by implementing measures adopted under the Ecodesign for Energy-Related Products Regulations 2010” substitute “within the meaning given by regulation 2(1) of the Ecodesign for Energy-Related Products Regulations 2010”.

(3) In Article 2 (definitions)—

(a) in point (10), for “as defined in Article 1” substitute “and is to be construed in accordance with the definitions of ‘networked equipment with high network availability’ and ‘networked equipment with high network availability functionality’ in Article 2”;

(b) omit point (17).

(4) In Article 3(1) (obligations of suppliers), for point (b) substitute—

“(b) the information set out in table 4 of Annex 5 (product information sheet) is made available on a publicly accessible website;”.

(5) In Annex 1 (definitions for the purposes of the Annexes), after point (28) insert—

“(29) ‘*declared values*’ means the values provided by the supplier in the technical documentation in accordance with point (4) of Annex 6 for the verification of conformity by the market surveillance authority;

(30) ‘*guarantee*’ means any undertaking by the dealer or the supplier to the consumer that, if an electronic display does not meet the specifications set out in the guarantee statement or in any associated advertising—

(a) the consumer will be reimbursed for the price paid for the electronic display; or

(b) the electronic display will be repaired, replaced or handled in any way.”.

(6) In Annex 2, in point B (energy efficiency index)—

(1) EUR 2019/2013, amended and modified by [S.I. 2020/1528](#).

- (a) after the formula, in the explanation of term “ A ” in the formula, for “viewing surface area” substitute “visible screen area”;
- (b) after the explanation of term “ $corr_1$ ” in the formula, insert—
“For the purposes of the EEI calculation, the declared values of the following technical parameters listed in Table 5 of Annex 6 (technical documentation) must be used—
(a) on mode power demand ($P_{measured}$);
(b) visible screen area.”.
- (7) In Annex 3, in point 2 (label design)—
(a) at the beginning of point (f) insert “Subject to point (g)”;
(b) after point (f) insert—
“(g) If the electronic display does not support HDR—
(i) the following must not be displayed—
(aa) the HDR pictogram; and
(bb) the energy efficiency class; and
(ii) the screen pictogram, indicating screen size and resolution, must be vertically centred in the area below the indication of the energy consumption.”.
- (8) In Annex 5 (product information sheet)—
(a) number the first paragraph as paragraph 1;
(b) number the second paragraph as paragraph 2;
(c) for Table 4 substitute—

“Table 4

Information, order and format of the product information sheet

	Parameter	Value	Unit	Notes
1.	Supplier’s name or trade mark		TEXT	
2.	Supplier’s address			
3.	Model identifier		TEXT	
4.	Energy efficiency class for standard Dynamic Range (SDR)	[A/B/C/D/E/F/G]		
5.	On mode power demand in Standard Dynamic Range (SDR)		X.X W	Rounded to the nearest decimal place for power values below 100 W and rounded to the nearest integer for power values equal to or above 100 W.
6.	Energy Efficiency class (HRD)	[A/B/C/D/E/F/G] or n.a.		Value must be ‘n.a.’ (not applicable) if HDR is not implemented.

	Parameter	Value	Unit	Notes
7.	On mode power demand in High Dynamic Range (HDR)		X.X W	Rounded to the nearest decimal place for power values below 100 W and rounded to the nearest integer for power values equal to or above 100 W. Value is 0 (zero) if HRD is not implemented.
8.	Off mode, power demand, if applicable		X.X W	
9.	Standby mode power demand, if applicable		X.X W	
10.	Networked standby mode power demand, if applicable		X.X W	
11.	Electronic display category	[television/monitor/signage/other]		Select one.
12.	Size ratio	X :	Y integer	For example 16:9. 21:9, etc.
13.	Screen resolution	X ×	Y pixels	Horizontal and vertical pixels.
14.	Screen diagonal		X.X cm	Rounded to one decimal place.
15.	Screen diagonal		X inches	Optional, in inches rounded to the nearest integer.
16.	Visible screen area		X.X dm ²	Rounded to one decimal place.
17.	Panel technology used	TEXT		E.g. LCD/LED LCD/QLED LCD/OLED/MicroLED/ QDLED/SED/FED/EPD, etc.
18.	Availability of Automatic Brightness Control (ABC)	[YES/NO]		
19.	Availability of voice recognition sensor	[YES/NO]		
20.	Availability of room presence sensor	[YES/NO]		
21.	Image refresh frequency rate (default)		X Hz	
22.	Minimum guaranteed availability of software and firmware updates		X Years	

	Parameter	Value	Unit	Notes
23.	Minimum guaranteed availability of spare parts		X Years	
24.	Minimum guaranteed product support		X Years	
25.	Minimum duration of the guarantee given by the supplier		X Years	
26.	Power supply type	Internal / External / Standardised external		Select one.
27.	External power supply (non-standardized and included in the product box)			
	<i>i</i>	Supported standard name or list	TEXT	Description
	<i>ii</i>	Input voltage	X V	
	<i>iii</i>	Output voltage	X.X V	
28.	External standardised power supply (or suitable one if not included in the product box)			
	<i>i</i>	Supported standard name or list	TEXT	
	<i>ii</i>	Required output voltage	X.X V	
	<i>iii</i>	Required delivered current (minimum)	X.X A	
	<i>iv</i>	Required current frequency	X.X Hz”;	

(d) after Table 4 insert—

“3. The following items in Table 4 are not relevant for the purposes of determining whether a model is an equivalent model under Article 2(6) of the Framework Regulation—

- (a) supplier’s name or trade mark;
- (b) supplier’s address;
- (c) model identifier;
- (d) minimum guaranteed availability of software and firmware updates;
- (e) minimum guaranteed availability of spare parts;
- (f) minimum guaranteed product support;
- (g) minimum duration of the guarantee given by the supplier.”.

(9) In Annex 6 (technical documentation)—

(a) for points (1) to (5) substitute—

“(1) a general description of the model, sufficient for it to be unequivocally and easily identified;

(2) references to the designated standards applied or other measurement standards used;

- (3) specific precautions that must be taken when the model is assembled, installed, maintained or tested;
- (4) the values of the technical parameters set out in Table 5;
- (5) the details and the results of the calculations performed in accordance with Annex 4;
- (5A) the conditions of testing that must be applied, if not fully described in the information provided under point (2);
- (5B) the identifier of all equivalent models already placed on the market;”;
- (b) for Table 5 substitute—

“Table 5

Technical parameters of the model and declared values

	Parameter	Value	Unit	Declared value
		General		
1	Supplier’s name or trade mark	TEXT		
2	Model identifier	TEXT		
3	On mode power demand, ($P_{measured}$)	XXX.X	W	
4	Energy efficiency class for [A/B/C/D/E/F/G] Standard Dynamic Range (SDR)			
5	On mode power demand in Standard Dynamic Range (SDR)	XXX.X	W	
6	Energy efficiency class for [A/B/C/D/E/F/G] or Dynamic Range (HDR)	n.a.		
7	On mode power demand in High Dynamic Range (HDR)	XXX.X	W	
8	Off mode, power demand	X.X	W	
9	Standby mode power demand	X.X	W	
10	Networked standby mode power demand	X.X	W	
11	Electronic display category	[television / monitor / signage / other]	TEXT	
12	Size ratio	XX : XX		
13	Screen resolution (pixels)	X × X		
14	Screen diagonal	XXX.X	cm	
15	Screen diagonal	XX	inches	
16	Visible screen area	XXX.X	dm ² ;	
17	Panel technology used	TEXT		

	Parameter	Value	Unit	Declared value
18	Availability of automatic Brightness Control (ABC)	[YES/NO]		
19	Availability of voice recognition sensor	[YES/NO]		
20	Availability of room presence sensor	[YES/NO]		
21	Image refresh frequency rate (normal configuration)	XXX	Hz	
22	Minimum guaranteed availability of software and firmware updates	XX	Years	
23	Minimum guaranteed availability of spare parts	XX	Years	
24	Minimum guaranteed product support	XX	Years	
25	Minimum duration of the guarantee given by the supplier	XX	Years	
For On-mode				
26	Peak white luminance of the brightest on mode configuration	XXXX	cd/ m ²	
27	Peak white luminance of the normal configuration	XXXX	cd/ m ²	
28	Peak white luminance ratio (calculated as the value of 'Peak white luminance of the normal configuration' divided by the value of 'Peak white luminance of the brightest on mode configuration' multiplied by 100)	XX.X	%	
For Auto Power Down (APD)				
29	Length of time in on mode before the electronic display automatically switches to standby, off mode, or another condition which does not exceed the applicable power demand requirements for off mode or standby mode	XX:XX	mm:ss	
30	For televisions: the length of time following the last user interaction before the television automatically switches to standby, off-mode or another condition which does not exceed the applicable power consumption requirements for off-mode or standby-mode	XX:XX	mm:ss	

Parameter	Value	Unit	Declared value
31	For televisions equipped with room presence sensor: the length of time after no presence is detected before the television automatically switches to standby, off-mode or another condition which does not exceed the applicable power demand requirements for off mode or standby mode	XX:XX	mm:ss
32	For electronic displays other than televisions and broadcast displays: the length of time after no input is detected before the electronic display automatically switches to standby, off-mode, or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode	XX:XX	mm:ss
For ABC			
If available and activated by default			
33	Percentage of power reduction due to ABC action between the 100 lux and 12 lux ambient light conditions	XX.X	%
34	On mode power at 100 lux ambient light at the ABC sensor	XXX.X	W
35	On mode power at 12 lux ambient light at the ABC sensor	XXX.X	W
36	Screen luminance at 100 lux ambient light at the ABC sensor	XXX	cd/ m ²
37	Screen luminance at 60 lux ambient light at the ABC sensor	XXX	cd/ m ²
38	Screen luminance at 35 lux ambient light at the ABC sensor	XXX	cd/ m ²
39	Screen luminance at 12 lux ambient light at the ABC sensor	XXX	cd/ m ²
For Power Supply			
40	Power supply type	Internal/External	
41	Standard references (if applicable)	TEXT	
42	Input voltage	XXX.X	V
43	Output voltage	XXX.X	V
44	Input current (max)	XXX.X	A

Parameter	Value	Unit	Declared value
45	Output current (min)	XXX.X	A”.

(10) In Annex 9 (verification procedure for market surveillance purposes)—

(a) for the first paragraph substitute—

“The verification tolerances set out in this Annex relate only to the verification by the market surveillance authority of the declared values.

The supplier of a product must not use the verification tolerances—

- (a) as allowed tolerances to establish the declared values;
- (b) to interpret the declared values; or
- (c) to communicate better performance.

The values and classes published on the label or in the product information sheet must not be more favourable to the supplier than the declared values.”;

(b) in point 2—

(i) in point (a), for “values given in the technical documentation pursuant to point 3 of Article 3 of Regulation (EU) 2017/1369 (declared values)” substitute “declared values”;

(ii) in point (c), for the words after “comply with” substitute—

“(i) in the case of the determined values of the ABC luminance-related parameters (see rows 36 to 39 of Table 5 of Annex 6), the requirements in point (e) of point C of Annex 2; and

(ii) otherwise, the respective verification tolerances set out in Table 6.”.

(c) for point (3) substitute—

“(3) The model and all equivalent models must be considered not to comply with this Regulation if—

- (a) the result referred to in point 2(a), (b) or (c)(i) is not achieved; or
- (b) the determined value of a parameter listed in rows 3 to 5 or 7 to 10 of Table 6 does not comply with the applicable verification tolerance set out in Table 6.”;

(d) in point (4), for “If the result referred to in point 2(c) is not achieved” substitute “If the determined value of a parameter listed in row 1, 2 or 6 of Table 6 does not comply with the respective verification tolerance set out in Table 6 (so that the result referred to in point 2(c) is not achieved)”;

(e) in the final paragraph before Table 6, for “points 1 to 7” substitute “points 1 to 6”;

(f) for Table 6 substitute—

“Table 6

Verification tolerances

Parameter	Verification tolerances
1. On mode power demand, ($P_{measured}$, Watts)	The determined value must not exceed the declared value by more than 7 %.

<i>Parameter</i>	<i>Verification tolerances</i>
2. Off mode, standby mode and networked standby mode power demand (Watts), as applicable	The determined value must not exceed the declared value by more than 0.10 Watt if the declared value is 1.00 W or less, or by more than 10 % if the declared value is more than 1.00 W.
3. Visible screen area	The determined value must not be lower than the declared value by more than whichever is the smaller of 1 % or 0.1 dm ² .
4. Visible screen diagonal in centimetres	The determined value must not differ from the declared value by more than 1 cm.
5. The screen resolution in horizontal and vertical pixels	The determined value must not differ from the declared value.
6. Peak white luminance	The determined value must not be lower than the declared value by more than 8 %.
7. Length of time in on mode before the electronic display automatically switches to standby, off mode or another condition which does not exceed the applicable power demand requirements for off mode or standby mode	The determined value must not exceed the declared value by more than 5 seconds.
8. For televisions: the length of time after the last user interaction before the television automatically switches to standby, off-mode, or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode	The determined value must not exceed the declared value by more than 5 seconds.
9. For televisions equipped with room presence sensor: the length of time after no presence is detected before the television automatically switches to standby, off-mode, or another condition which does not exceed the applicable power demand requirements for off mode or standby mode	The determined value must not exceed the declared value by more than 5 seconds.
10. For electronic displays other than televisions and broadcast displays: the length of time after no input is detected before the electronic display automatically switches to standby, off-mode or another condition which does not exceed the applicable power consumption requirements for off mode or standby mode	The determined value must not exceed the declared value by more than 5 seconds.”.