CTA-2045-B Level 1, Level 2 Command Overview

Good Citizen	Row	Data Link Messages (Message Type 0x08, 0x03):			All	Water Heater
			CTA-2045-A Mandatory			
			SGDs	UCMs	Level 1	Level 2
	1	Link ACK	Y	Y	y	y
	2	Link NAK	Y	Y	y	y
	3	Query Maximum Payload Length	Y	Y	y	y
	4	Maximum Payload Length	Y	Y	y (2 bytes)	y (256 bytes)
	5	Message Type Supported	Y	Y	y	y
		Basic DR Application (Message Type = 0x08, 0x01)				
			CTA-2045 Mandatory			
			SGDs	UCMs		
	6	Basic Application ACK	Y	Y	y	y
	7	Basic Application NAK	Y	Y	y	y
	8	Shed - JA 13 (light shed)	Y	Y	y	y
	9	End Shed	Y	Y	y	y
	10	Outside Comm Connection Status	Y	Y	y	y
	8	Critical Peak Event - JA 13 (Deep Shed)				y
	9	Grid Emergency - JA 13 (Full Shed)				y
	10	Customer Override				y
	11	Operational State Query				y
	12	State Query Response				y
	10	Load Up - JA 13 (Basic Load Up)				y
		Intermediate DR Application (Message Type 0x08, 0x02):				
	11	NEW Advanced Load Up - JA 13 (Advanced Load Up)				y
	12	Device Information Request				y
	13	Get/Set Capability Bit "6 = Advanced Load Up enabled/disabled"				yes Get, Set Optional
	14	Get/Set UTC Time				y
	15	Get Commodity Read (UCM->SGD only)				y
	16	Get/Set SGD Efficiency Level				yes Get, Set Optional
	17	NEW Time Varying Price (TOU/Real time)				64 time/price pairs, 24 hrs
	18	Get/Set User Preference Level				yes Get, Set Optional

Index to Colors

Good Citizen
New in CTA-2045-B
Underlying communications
Shed Events
Load Up Events
Related To Events
Higher level commands
Time Varying Price