***** MAJORITY *****

			State logic for any kind of logical (intermediate) node in the tree - the first state (from left to right) meeting the conditions is chosen (blank means "doesn't mat					
Device type	**Attribute**	**Threshold**	**OFF (all and'ed)**	**ERROR (all or'ed)**	**ON (all and'ed)**	**OUTER_ON (all and'ed)**	**STANDBY (all and'ed)**	**NOY-READY - everything else**
HV_OUTER	on	97%	== 0%		> threshold	> threshold	== 0%	
	standby	97%	== 0%				> threshold	
	error	3%	< threshold	> threshold				
HV_INNER	on	97%	== 0%		> threshold	== 0%	== 0%	
	standby	97%	== 0%				> threshold	
	error	3%	< threshold	> threshold				
HV_ME11	on	95%	== 0%		> threshold	== 0%	== 0%	
	standby	95%	== 0%				> threshold	
	error	3%	< threshold	> threshold				
HV_Primary	on	100%	== 0%		> threshold	> threshold	== 0%	
	standby	100%	== 0%				> threshold	
	error	0%	< threshold	> threshold				
LV	on	95%			> threshold	> threshold	> threshold	
	error	5%	< threshold	> threshold				
	no_communication	40% (??)	*2	*3				
TEMP	ok	95%			> threshold	> threshold	> threshold	
	alert	5%	< threshold	> threshold				
	no_communication	40% (??)	*2	*3				
CRB	on	99%	== 0%		> threshold	> threshold	> threshold	
	error	1%	< threshold	> threshold				
MrtnChannel	on	100%	== 0%		> threshold	> threshold	> threshold	
	error	0%	< threshold	> threshold				
MrtnCrate	on	100%	== 0%		> threshold	> threshold	> threshold	
	error	0%	< threshold	> threshold				
DDU	on	95%			> threshold	> threshold	> threshold	
	error	6%	< threshold	> threshold				
	no_communication	40%		*3				
LvForHv_Cr	on	100%	don't care (?)		> threshold	> threshold	> threshold	
	error	0%		> threshold				
LvForHv_Ch	on	100%	don't care (?)		> threshold	> threshold	> threshold	
	error	0%		> threshold				
AtlasPSU_Branch	on	100%	don't care (?)		> threshold	> threshold	> threshold	
	error	0%	< threshold	> threshold				
Gas	on	100%			> threshold	> threshold	> threshold	

Gas	error	0%	*1	> threshold				
Cooling	on	100%			> threshold	> threshold	> threshold	
	error	0%	*1	> threshold				

*1 - do we want to be in ERROR instead if this is "more than threshold %" ??
*2 - could require "more than threshold %", but would have to wait for timeout which is quite long (10min?)
*3 - if we add "> threshold" here, then our transition from OFF to ON would go through ERROR because there is quite a long delay (several minutes) until data comes after power up

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