

Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_7/gen_7_cand_55_data.json
SimLabel	gen_7_cand_55
Generation Rank	5/10

Criteria	Targets
	{'cutoff' 1250, 'big_bursts' {'target' 1616.784, 'max' 1955.749, 'min' 1252.317, 'width' 350716.0, 'num_target' 31.25, 'num_min' 0}, 'lil_bursts' {'target' 402.633, 'max' 1205.884, 'min' 723.599, 'width' 1080641.25, 'num_target' 68.75, 'num_min' 0}}
burts_peak_targets	
burst_peak_frequency	{'target': 0.11636363636363636, 'max': 1, 'min': 0}
IBI_targets	{'target': 8.79, 'width': 11070.0, 'max': 24.6}
baseline_targets	{'target': 294.444, 'max': 724.599, 'min': 0}
rate_slope	{'target': 0.002497512709074353}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numBig_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 666.6631219561833, 'Fit': 857.2858166967583}
numSmall_Fitness	{'Value': 7, 'Percent': 100.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.4861111111111111, 'Fit': 1.4473690712705782}
IBI_fitness	{'Value': 2.2833333333333333, 'Fit': 1.000587952648748}
baseline_fitness	{'Value': 530.6243555203624, 'Fit': 1000}
slopeFitness	{'Value': -1.0701565859240858, 'Fit': 2.923127482129229}
thresh	{'Value': 540.6974314821314, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 94.03973509933775, 'Fit': 23.027813703428244}
E_rate_fitness	{'Value': 2.5714285714285716, 'Fit': 5.441538888224603}
I_rate_fitness	{'Value': 1.9074074074074072, 'Fit': 1000}
maxFitness	1000
average_fitness	574.2605211495384
average_scaled_fitness	0.5738341046888602

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

