

Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_4/gen_4_cand_52_data.json
SimLabel	gen_4_cand_52
Generation Rank	9/10

Criteria	Targets
burts_peak_targets	{'cutoff' 1250, 'big_bursts' {'target' 1616.784, 'max' 1955.749, 'min' 1252.317, 'width' 350716.0, 'num_target' 31.25, 'num_min' 0}, 'il_bursts' {'target' 402.633, 'max' 1205.884, 'min' 723.599, 'width' 1080641.25, 'num_target' 68.75, 'num_min' 0}}
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': 2012.347644896452, 'Fit': 334.0001825699161}
numBig_Fitness	{'Value': 3, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.5660377358490565, 'Fit': 1.5678011550189657}
IBI_fitness	{'Value': 2.2, 'Fit': 1.0005954802148946}
baseline_fitness	{'Value': 1624.6731319066712, 'Fit': 1000}
slopeFitness	{'Value': -10.111873893832145, 'Fit': 1000}
thresh	{'Value': 1452.9579945411174, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 33.77483443708609, 'Fit': 1000}
E_rate_fitness	{'Value': 4.09920634920635, 'Fit': 25.07420635516817}
I_rate_fitness	{'Value': 8.648148148148147, 'Fit': 51.29960394867283}
maxFitness	1000
average_fitness	617.7451991257492
average_scaled_fitness	0.6173623336061956

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

