

Data Directory: /NERSC/output/240517\_Run1\_best\_case/gen\_0/gen\_0\_cand\_13\_data.json  
SimLabel: gen\_0\_cand\_13  
Generation Rank: 3/15

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}, 'lil\_bursts': {'target': 402.633, 'max': 1205.884, 'min': 723.599, 'width': 1080641.25, 'num\_target': 68.75, 'num\_min': 0}}  
burst\_peak\_frequency: {'target': 0.116363636363636, '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}}

BigBurstVal\_Fitness: {'Value': 6251.891899959931, 'Fit': 1000.0}  
numBig\_Fitness: {'Value': 42, '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': 0.3517587939698492, 'Fit': 1.2654087058244887}  
IBI\_fitness: {'Value': 2.882926829268293, 'Fit': 1.0005337536778731}  
baseline\_fitness: {'Value': 4806.139096358937, 'Fit': 1000}  
slopeFitness: {'Value': 0.008567144248198514, 'Fit': 1.0060880890772237}  
thresh: {'Value': 4920.690233731585, 'Fit': 1000}  
sustain\_oscillation\_fitness: {'Value': 99.33388842631142, 'Fit': 0.0002180347500995575}  
E\_rate\_fitness: {'Value': 0.5793650793650794, 'Fit': 1.3471639262782007}  
I\_rate\_fitness: {'Value': 47.78703703703704, 'Fit': 1000}  
maxFitness: 1000  
average\_fitness: 583.7182843758006  
average\_scaled\_fitness: 0.583718193611901

binSize: 0.1  
gaussianSigma: 0.15  
thresholdBurst: 1

