

| Description | Value |
|-----------------|--|
| Data Directory | /NERSC/output/240523_Run11_payload_test_at_scale/gen_8/gen_8_cand_38_data.json |
| SimLabel | gen_8_cand_38 |
| Generation Rank | 2/10 |

| 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} |
| lBI_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': 1603.4144390660165, 'Fit': 1.000038121487945} |
| numBig_Fitness | {'Value': 1, 'Percent': 50.0, 'Fit': 1000} |
| SmallBurstVal_Fitness | {'Value': 1129.373271315801, 'Fit': 1.0006727345412347} |
| numSmall_Fitness | {'Value': 1, 'Percent': 50.0, 'Fit': 1000} |
| burst_peak_frequency_fitness | {'Value': 0.13513513513513511, 'Fit': 1.0189487909637762} |
| lBI_fitness | {'Value': 4.1, 'Fit': 1.0004237573297896} |
| baseline_fitness | {'Value': 1348.0614737424553, 'Fit': 1000} |
| slopeFitness | {'Value': 3.433465347169226, 'Fit': 30.90654069434074} |
| thresh | {'Value': 1113.3317306702768, 'Fit': 1000} |
| sustain_oscillation_fitness | {'Value': 57.615894039735096, 'Fit': 1000} |
| E_rate_fitness | {'Value': 0.15476190476190477, 'Fit': 2.059791495574084} |
| I_rate_fitness | {'Value': 0.39814814814814814, 'Fit': 1000} |
| maxFitness | 1000 |
| average_fitness | 503.0822012995198 |
| average_scaled_fitness | 0.5025847671044154 |

| Parameter | Value |
|----------------|-------|
| binSize | 0.1 |
| gaussianSigma | 0.15 |
| thresholdBurst | 1.0 |

