

## CEI North (Indiana Gas Co.) GCAs (\$ per therm)

| Gas Rates Effective 2-14-2008 Tariff Sheet No. 30 (\$ per therm incl IURT) |          |          |          |          |          |          |          |          |          |
|----------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Effective                                                                  | Rate 210 | Rate 211 | Rate 220 | Rate 225 | Rate 229 | Rate 240 | Rate 245 | Rate 260 | Rate 270 |
| 02/14/2008                                                                 | 0.8110   | 0.8110   | 0.8110   | 0.0090   | 0.8110   | 0.7521   | 0.0090   | 0.0090   | 0.0090   |
| 03/01/2008                                                                 | 0.8599   | 0.8599   | 0.8599   | 0.0018   | 0.8599   | 0.8010   | 0.0018   | 0.0018   | 0.0018   |
| 04/01/2008                                                                 | 0.9627   | 0.9627   | 0.9627   | 0.0013   | 0.9627   | 0.9038   | 0.0013   | 0.0013   | 0.0013   |
| 05/01/2008                                                                 | 0.9978   | 0.9978   | 0.9978   | 0.0006   | 0.9978   | 0.9389   | 0.0006   | 0.0006   | 0.0006   |
| 06/01/2008                                                                 | 1.3058   | 1.3058   | 1.3058   | 0.0007   | 1.3058   | 1.2468   | 0.0007   | 0.0007   | 0.0007   |
| 07/01/2008                                                                 | 1.3658   | 1.3658   | 1.3658   | 0.0006   | 1.3658   | 1.3068   | 0.0006   | 0.0006   | 0.0006   |
| 08/01/2008                                                                 | 1.1569   | 1.1569   | 1.1569   | 0.0008   | 1.1569   | 1.0979   | 0.0008   | 0.0008   | 0.0008   |
| 09/01/2008                                                                 | 1.0305   | 1.0305   | 1.0305   | 0.0004   | 1.0305   | 0.9727   | 0.0004   | 0.0004   | 0.0004   |
| 10/01/2008                                                                 | 0.8663   | 0.8663   | 0.8663   | 0.0003   | 0.8663   | 0.8085   | 0.0003   | 0.0003   | 0.0003   |
| 11/01/2008                                                                 | 0.9598   | 0.9598   | 0.9598   | 0.0004   | 0.9598   | 0.9020   | 0.0004   | 0.0004   | 0.0004   |
| 12/01/2008                                                                 | 0.9236   | 0.9236   | 0.9236   | 0.0012   | 0.9236   | 0.8637   | 0.0012   | 0.0012   | 0.0012   |
| 01/01/2009                                                                 | 0.8838   | 0.8838   | 0.8838   | 0.0013   | 0.8838   | 0.8239   | 0.0013   | 0.0013   | 0.0013   |
| 02/01/2009                                                                 | 0.8394   | 0.8394   | 0.8394   | 0.0016   | 0.8394   | 0.7795   | 0.0016   | 0.0016   | 0.0016   |
| 03/01/2009                                                                 | 0.7160   | 0.7160   | 0.7160   | 0.0018   | 0.7160   | 0.6562   | 0.0018   | 0.0018   | 0.0018   |
| 04/01/2009                                                                 | 0.4527   | 0.4527   | 0.4527   | 0.0009   | 0.4527   | 0.3930   | 0.0009   | 0.0009   | 0.0009   |
| 05/01/2009                                                                 | 0.4567   | 0.4567   | 0.4567   | 0.0008   | 0.4567   | 0.3970   | 0.0008   | 0.0008   | 0.0008   |
| 06/01/2009                                                                 | 0.5383   | 0.5383   | 0.5383   | 0.0009   | 0.5383   | 0.4783   | 0.0009   | 0.0009   | 0.0009   |
| 07/01/2009                                                                 | 0.5821   | 0.5821   | 0.5821   | 0.0008   | 0.5821   | 0.5221   | 0.0008   | 0.0008   | 0.0008   |
| 08/01/2009                                                                 | 0.5262   | 0.5262   | 0.5262   | 0.0007   | 0.5262   | 0.4661   | 0.0007   | 0.0007   | 0.0007   |
| 09/01/2009                                                                 | 0.4136   | 0.4136   | 0.4136   | 0.0007   | 0.4136   | 0.3536   | 0.0007   | 0.0007   | 0.0007   |
| 10/01/2009                                                                 | 0.4548   | 0.4548   | 0.4548   | 0.0006   | 0.4548   | 0.3947   | 0.0006   | 0.0006   | 0.0006   |
| 11/01/2009                                                                 | 0.5239   | 0.5239   | 0.5239   | 0.0007   | 0.5239   | 0.4639   | 0.0007   | 0.0007   | 0.0007   |
| 12/01/2009                                                                 | 0.5245   | 0.5245   | 0.5245   | 0.0010   | 0.5245   | 0.4650   | 0.0010   | 0.0010   | 0.0010   |
| 01/01/2010                                                                 | 0.5984   | 0.5984   | 0.5984   | 0.0013   | 0.5984   | 0.5388   | 0.0013   | 0.0013   | 0.0013   |
| 02/01/2010                                                                 | 0.5808   | 0.5808   | 0.5808   | 0.0016   | 0.5808   | 0.5213   | 0.0016   | 0.0016   | 0.0016   |
| 03/01/2010                                                                 | 0.5755   | 0.5755   | 0.5755   | 0.0014   | 0.5755   | 0.5120   | 0.0014   | 0.0014   | 0.0014   |
| 04/01/2010                                                                 | 0.5296   | 0.5296   | 0.5296   | 0.0010   | 0.5296   | 0.4661   | 0.0010   | 0.0010   | 0.0010   |
| 05/01/2010                                                                 | 0.5293   | 0.5293   | 0.5293   | 0.0010   | 0.5293   | 0.4658   | 0.0010   | 0.0010   | 0.0010   |
| 06/01/2010                                                                 | 0.5925   | 0.5925   | 0.5925   | 0.0008   | 0.5925   | 0.5324   | 0.0008   | 0.0008   | 0.0008   |
| 07/01/2010                                                                 | 0.6418   | 0.6418   | 0.6418   | 0.0006   | 0.6418   | 0.5818   | 0.0006   | 0.0006   | 0.0006   |
| 08/01/2010                                                                 | 0.6184   | 0.6184   | 0.6184   | 0.0005   | 0.6184   | 0.5583   | 0.0005   | 0.0005   | 0.0005   |
| 09/01/2010                                                                 | 0.5891   | 0.5891   | 0.5891   | 0.0004   | 0.5891   | 0.5291   | 0.0004   | 0.0004   | 0.0004   |
| 10/01/2010                                                                 | 0.5368   | 0.5368   | 0.5368   | 0.0002   | 0.5368   | 0.4768   | 0.0002   | 0.0002   | 0.0002   |
| 11/01/2010                                                                 | 0.5363   | 0.5363   | 0.5363   | 0.0003   | 0.5363   | 0.4763   | 0.0003   | 0.0003   | 0.0003   |
| 12/01/2010                                                                 | 0.5598   | 0.5598   | 0.5598   | 0.0002   | 0.5598   | 0.4997   | 0.0002   | 0.0002   | 0.0002   |
| 01/01/2011                                                                 | 0.5510   | 0.5510   | 0.5510   | 0.0005   | 0.5510   | 0.4910   | 0.0005   | 0.0005   | 0.0005   |
| 02/01/2011                                                                 | 0.5651   | 0.5651   | 0.5651   | 0.0007   | 0.5651   | 0.5051   | 0.0007   | 0.0007   | 0.0007   |
| 03/01/2011                                                                 | 0.5622   | 0.5622   | 0.5622   | 0.0010   | 0.5622   | 0.5012   | 0.0010   | 0.0010   | 0.0010   |
| 04/01/2011                                                                 | 0.5655   | 0.5655   | 0.5655   | 0.0008   | 0.5655   | 0.5044   | 0.0008   | 0.0008   | 0.0008   |
| 05/01/2011                                                                 | 0.5727   | 0.5727   | 0.5727   | 0.0005   | 0.5727   | 0.5116   | 0.0005   | 0.0005   | 0.0005   |
| 06/01/2011                                                                 | 0.5730   | 0.5730   | 0.5730   | 0.0005   | 0.5730   | 0.5114   | 0.0005   | 0.0005   | 0.0005   |
| 07/01/2011                                                                 | 0.5779   | 0.5779   | 0.5779   | 0.0003   | 0.5779   | 0.5164   | 0.0003   | 0.0003   | 0.0003   |
| 08/01/2011                                                                 | 0.5958   | 0.5958   | 0.5958   | 0.0002   | 0.5958   | 0.5343   | 0.0002   | 0.0002   | 0.0002   |
| 09/01/2011                                                                 | 0.5650   | 0.5650   | 0.5650   | 0.0004   | 0.5650   | 0.5035   | 0.0004   | 0.0004   | 0.0004   |
| 10/01/2011                                                                 | 0.5259   | 0.5259   | 0.5259   | 0.0002   | 0.5259   | 0.4644   | 0.0002   | 0.0002   | 0.0002   |
| 11/01/2011                                                                 | 0.5181   | 0.5181   | 0.5181   | 0.0002   | 0.5181   | 0.4566   | 0.0002   | 0.0002   | 0.0002   |
| 12/01/2011                                                                 | 0.5284   | 0.5284   | 0.5284   | 0.0007   | 0.5284   | 0.4694   | 0.0007   | 0.0007   | 0.0007   |
| 01/01/2012                                                                 | 0.5147   | 0.5147   | 0.5147   | 0.0009   | 0.5147   | 0.4557   | 0.0009   | 0.0009   | 0.0009   |
| 02/01/2012                                                                 | 0.4969   | 0.4969   | 0.4969   | 0.0010   | 0.4969   | 0.4379   | 0.0010   | 0.0010   | 0.0010   |
| 03/01/2012                                                                 | 0.4796   | 0.4796   | 0.4796   | 0.0008   | 0.4796   | 0.4206   | 0.0008   | 0.0008   | 0.0008   |
| 04/01/2012                                                                 | 0.3639   | 0.3639   | 0.3639   | 0.0005   | 0.3639   | 0.3049   | 0.0005   | 0.0005   | 0.0005   |
| 05/01/2012                                                                 | 0.3672   | 0.3672   | 0.3672   | 0.0004   | 0.3672   | 0.3082   | 0.0004   | 0.0004   | 0.0004   |
| 06/01/2012                                                                 | 0.4867   | 0.4867   | 0.4867   | 0.0004   | 0.4867   | 0.4277   | 0.0004   | 0.0004   | 0.0004   |
| 07/01/2012                                                                 | 0.4976   | 0.4976   | 0.4976   | 0.0002   | 0.4976   | 0.4386   | 0.0002   | 0.0002   | 0.0002   |
| 08/01/2012                                                                 | 0.5132   | 0.5132   | 0.5132   | 0.0002   | 0.5132   | 0.4541   | 0.0002   | 0.0002   | 0.0002   |
| 09/01/2012                                                                 | 0.4749   | 0.4749   | 0.4749   | 0.0002   | 0.4749   | 0.4159   | 0.0002   | 0.0002   | 0.0002   |
| 10/01/2012                                                                 | 0.4577   | 0.4577   | 0.4577   | 0.0001   | 0.4577   | 0.3987   | 0.0001   | 0.0001   | 0.0001   |
| 11/01/2012                                                                 | 0.4742   | 0.4742   | 0.4742   | 0.0002   | 0.4742   | 0.4152   | 0.0002   | 0.0002   | 0.0002   |
| 12/01/2012                                                                 | 0.4840   | 0.4840   | 0.4840   | 0.0004   | 0.4840   | 0.4230   | 0.0004   | 0.0004   | 0.0004   |
| 01/01/2013                                                                 | 0.4776   | 0.4776   | 0.4776   | 0.0005   | 0.4776   | 0.4165   | 0.0005   | 0.0005   | 0.0005   |
| 02/01/2013                                                                 | 0.4763   | 0.4763   | 0.4763   | 0.0005   | 0.4763   | 0.4153   | 0.0005   | 0.0005   | 0.0005   |
| 03/01/2013                                                                 | 0.4738   | 0.4738   | 0.4738   | 0.0005   | 0.4738   | 0.4131   | 0.0005   | 0.0005   | 0.0005   |
| 04/01/2013                                                                 | 0.5452   | 0.5452   | 0.5452   | 0.0004   | 0.5452   | 0.4845   | 0.0004   | 0.0004   | 0.0004   |
| 05/01/2013                                                                 | 0.5772   | 0.5772   | 0.5772   | 0.0003   | 0.5772   | 0.5165   | 0.0003   | 0.0003   | 0.0003   |
| 06/01/2013                                                                 | 0.6158   | 0.6158   | 0.6158   | 0.0004   | 0.6158   | 0.5550   | 0.0004   | 0.0004   | 0.0004   |
| 07/01/2013                                                                 | 0.5667   | 0.5667   | 0.5667   | 0.0003   | 0.5667   | 0.5060   | 0.0003   | 0.0003   | 0.0003   |
| 08/01/2013                                                                 | 0.5658   | 0.5658   | 0.5658   | 0.0002   | 0.5658   | 0.5051   | 0.0002   | 0.0002   | 0.0002   |
| 09/01/2013                                                                 | 0.5267   | 0.5267   | 0.5267   | 0.0002   | 0.5267   | 0.4680   | 0.0002   | 0.0002   | 0.0002   |
| 10/01/2013                                                                 | 0.5028   | 0.5028   | 0.5028   | 0.0002   | 0.5028   | 0.4442   | 0.0002   | 0.0002   | 0.0002   |
| 11/01/2013                                                                 | 0.5027   | 0.5027   | 0.5027   | 0.0003   | 0.5027   | 0.4440   | 0.0003   | 0.0003   | 0.0003   |
| 12/01/2013                                                                 | 0.4937   | 0.4937   | 0.4937   | 0.0008   | 0.4937   | 0.4359   | 0.0008   | 0.0008   | 0.0008   |
| 01/01/2014                                                                 | 0.5305   | 0.5305   | 0.5305   | 0.0009   | 0.5305   | 0.4727   | 0.0009   | 0.0009   | 0.0009   |
| 02/01/2014                                                                 | 0.5445   | 0.5445   | 0.5445   | 0.0012   | 0.5445   | 0.4867   | 0.0012   | 0.0012   | 0.0012   |
| 03/01/2014                                                                 | 0.6193   | 0.6193   | 0.6193   | 0.0013   | 0.6193   | 0.5615   | 0.0013   | 0.0013   | 0.0013   |
| 04/01/2014                                                                 | 0.5745   | 0.5745   | 0.5745   | 0.0012   | 0.5745   | 0.5167   | 0.0012   | 0.0012   | 0.0012   |
| 05/01/2014                                                                 | 0.6027   | 0.6027   | 0.6027   | 0.0009   | 0.6027   | 0.5449   | 0.0009   | 0.0009   | 0.0009   |
| 06/01/2014                                                                 | 0.6098   | 0.6098   | 0.6098   | 0.0007   | 0.6098   | 0.5521   | 0.0007   | 0.0007   | 0.0007   |
| 07/01/2014                                                                 | 0.6092   | 0.6092   | 0.6092   | 0.0005   | 0.6092   | 0.5514   | 0.0005   | 0.0005   | 0.0005   |
| 08/01/2014                                                                 | 0.5825   | 0.5825   | 0.5825   | 0.0005   | 0.5825   | 0.5247   | 0.0005   | 0.0005   | 0.0005   |
| 09/01/2014                                                                 | 0.5848   | 0.5848   | 0.5848   | 0.0003   | 0.5848   | 0.5291   | 0.0003   | 0.0003   | 0.0003   |
| 10/01/2014                                                                 | 0.5489   | 0.5489   | 0.5489   | 0.0001   | 0.5489   | 0.4932   | 0.0001   | 0.0001   | 0.0001   |
| 11/01/2014                                                                 | 0.5279   | 0.5279   | 0.5279   | 0.0003   | 0.5279   | 0.4721   | 0.0003   | 0.0003   | 0.0003   |
| 12/01/2014                                                                 | 0.5503   | 0.5503   | 0.5503   | 0.0005   | 0.5503   | 0.4942   | 0.0005   | 0.0005   | 0.0005   |
| 01/01/2015                                                                 | 0.4994   | 0.4994   | 0.4994   | 0.0006   | 0.4994   | 0.4433   | 0.0006   | 0.0006   | 0.0006   |
| 02/01/2015                                                                 | 0.4877   | 0.4877   | 0.4877   | 0.0008   | 0.4877   | 0.4316   | 0.0008   | 0.0008   | 0.0008   |
| 03/01/2015                                                                 | 0.4830   | 0.4830   | 0.4830   | 0.0007   | 0.4830   | 0.4244   | 0.0007   | 0.0007   | 0.0007   |
| 04/01/2015                                                                 | 0.4344   | 0.4344   | 0.4344   | 0.0003   | 0.4344   | 0.3757   | 0.0003   | 0.0003   | 0.0003   |
| 05/01/2015                                                                 | 0.4522   | 0.4522   | 0.4522   | 0.0001   | 0.4522   | 0.3935   | 0.0001   | 0.0001   | 0.0001   |
| 06/01/2015                                                                 | 0.7384   | 0.7384   | 0.7384   | (0.0002) | 0.7384   | 0.5515   | (0.0002) | (0.0002) | (0.0002) |
| 07/01/2015                                                                 | 0.7306   | 0.7306   | 0.7306   | 0.0000   | 0.7306   | 0.5437   | 0.0000   | 0.0000   | 0.0000   |
| 08/01/2015                                                                 | 0.7514   | 0.7514   | 0.7514   | 0.0001   | 0.7514   | 0.5645   | 0.0001   | 0.0001   | 0.0001   |
| 09/01/2015                                                                 | 0.4977   | 0.4977   | 0.4977   | 0.0000   | 0.4977   | 0.4204   | 0.0000   | 0.0000   | 0.0000   |
| 10/01/2015                                                                 | 0.4337   | 0.4337   | 0.4337   | (0.0001) | 0.4337   | 0.3564   | (0.0001) | (0.0001) | (0.0001) |
| 11/01/2015                                                                 | 0.3996   | 0.3996   | 0.3996   | 0.0000   | 0.3996   | 0.3223   | 0.0000   | 0.0000   | 0.0000   |
| 12/01/2015                                                                 | 0.3265   | 0.3265   | 0.3265   | 0.0002   | 0.3265   | 0.2934   | 0.0002   | 0.0002   | 0.0002   |
| 01/01/2016                                                                 | 0.3217   | 0.3217   | 0.3217   | 0.0003   | 0.3217   | 0.2886   | 0.0003   | 0.0003   | 0.0003   |
| 02/01/2016                                                                 | 0.3153   | 0.3153   | 0.3153   | 0.0005   | 0.3153   | 0.2822   | 0.0005   | 0.0005   | 0.0005   |
| 03/01/2016                                                                 | 0.3285   | 0.3285   | 0.3285   | 0.0005   | 0.3285   | 0.2693   | 0.0005   | 0.0005   | 0.0005   |
| 04/01/2016                                                                 | 0.2933   | 0.2933   | 0.2933   | 0.0002   | 0.2933   | 0.2341   | 0.0002   | 0.0002   | 0.0002   |
| 05/01/2016                                                                 | 0.2965   | 0.2965   | 0.2965   | 0.0001   | 0.2965   | 0.2374   | 0.0001   | 0.0001   | 0.0001   |
| 06/01/2016                                                                 | 0.6204   | 0.6204   | 0.6204   | 0.0001   | 0.6204   | 0.4488   | 0.0001   | 0.0001   | 0.0001   |
| 07/01/2016                                                                 | 0.6887   | 0.6887   | 0.6887   | 0.0003   | 0.6887   | 0.5172   | 0.0003   | 0.0003   | 0.0003   |
| 08/01/2016                                                                 | 0.6827   | 0.6827   | 0.6827   | 0.0002   |          |          |          |          |          |

**CEI North (Indiana Gas Co.) GCAs (\$ per therm)**

| Gas Rates Effective 2-14-2008 Tariff Sheet No. 30 (\$ per therm incl IURT) |          |          |          |          |          |          |          |          |          |        |
|----------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| Effective                                                                  | Rate 210 | Rate 211 | Rate 220 | Rate 225 | Rate 229 | Rate 240 | Rate 245 | Rate 260 | Rate 270 |        |
| 11/01/2016                                                                 | 0.4454   | 0.4454   | 0.4454   | 0.0002   | 0.4454   | 0.3743   | 0.0002   | 0.0002   | 0.0002   |        |
| 12/01/2016                                                                 | 0.3735   | 0.3735   | 0.3735   | 0.0004   | 0.3735   | 0.3428   | 0.0004   | 0.0004   | 0.0004   | GCA132 |
| 01/01/2017                                                                 | 0.4162   | 0.4162   | 0.4162   | 0.0005   | 0.4162   | 0.3855   | 0.0005   | 0.0005   | 0.0005   |        |
| 02/01/2017                                                                 | 0.3998   | 0.3998   | 0.3998   | 0.0007   | 0.3998   | 0.3691   | 0.0007   | 0.0007   | 0.0007   |        |
| 03/01/2017                                                                 | 0.4188   | 0.4188   | 0.4188   | 0.0005   | 0.4188   | 0.3580   | 0.0005   | 0.0005   | 0.0005   | GCA133 |
| 04/01/2017                                                                 | 0.4622   | 0.4622   | 0.4622   | 0.0005   | 0.4622   | 0.4013   | 0.0005   | 0.0005   | 0.0005   |        |
| 05/01/2017                                                                 | 0.4922   | 0.4922   | 0.4922   | 0.0005   | 0.4922   | 0.4314   | 0.0005   | 0.0005   | 0.0005   |        |
| 06/01/2017                                                                 | 0.7322   | 0.7322   | 0.7322   | 0.0003   | 0.7322   | 0.5497   | 0.0003   | 0.0003   | 0.0003   | GCA134 |
| 07/01/2017                                                                 | 0.6824   | 0.6824   | 0.6824   | 0.0002   | 0.6824   | 0.4999   | 0.0002   | 0.0002   | 0.0002   |        |
| 08/01/2017                                                                 | 0.6789   | 0.6789   | 0.6789   | 0.0002   | 0.6789   | 0.4964   | 0.0002   | 0.0002   | 0.0002   |        |
| 09/01/2017                                                                 | 0.4868   | 0.4868   | 0.4868   | 0.0001   | 0.4868   | 0.4134   | 0.0001   | 0.0001   | 0.0001   | GCA135 |
| 10/01/2017                                                                 | 0.4831   | 0.4831   | 0.4831   | 0.0001   | 0.4831   | 0.4098   | 0.0001   | 0.0001   | 0.0001   |        |
| 11/01/2017                                                                 | 0.4626   | 0.4626   | 0.4626   | 0.0002   | 0.4626   | 0.3893   | 0.0002   | 0.0002   | 0.0002   |        |
| 12/01/2017                                                                 | 0.3903   | 0.3903   | 0.3903   | 0.0003   | 0.3903   | 0.3602   | 0.0003   | 0.0003   | 0.0003   | GCA136 |
| 01/01/2018                                                                 | 0.3770   | 0.3770   | 0.3770   | 0.0005   | 0.3770   | 0.3469   | 0.0005   | 0.0005   | 0.0005   |        |

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|----------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Effective                                                                  | Rate 210 | Rate 211 | Rate 220 | Rate 225 | Rate 229 | Rate 240 | Rate 245 | Rate 260 | Rate 270 |
| 02/01/2018                                                                 | 0.4103   | 0.4103   | 0.4103   | 0.0006   | 0.4103   | 0.3802   | 0.0006   | 0.0006   | 0.0006   |
| 03/01/2018                                                                 | 0.4462   | 0.4462   | 0.4462   | 0.0005   | 0.4462   | 0.3792   | 0.0005   | 0.0005   | 0.0005   |
| 04/01/2018                                                                 | 0.4033   | 0.4033   | 0.4033   | 0.0004   | 0.4033   | 0.3363   | 0.0004   | 0.0004   | 0.0004   |
| 05/01/2018                                                                 | 0.4390   | 0.4390   | 0.4390   | 0.0003   | 0.4390   | 0.3720   | 0.0003   | 0.0003   | 0.0003   |
| 06/01/2018                                                                 | 0.6429   | 0.6429   | 0.6429   | 0.0004   | 0.6429   | 0.4410   | 0.0004   | 0.0004   | 0.0004   |
| 07/01/2018                                                                 | 0.6394   | 0.6394   | 0.6394   | 0.0003   | 0.6394   | 0.4376   | 0.0003   | 0.0003   | 0.0003   |
| 08/01/2018                                                                 | 0.6394   | 0.6394   | 0.6394   | 0.0003   | 0.6394   | 0.4376   | 0.0003   | 0.0003   | 0.0003   |
| 09/01/2018                                                                 | 0.4207   | 0.4207   | 0.4207   | 0.0004   | 0.4207   | 0.3458   | 0.0004   | 0.0004   | 0.0004   |
| 10/01/2018                                                                 | 0.4209   | 0.4209   | 0.4209   | 0.0002   | 0.4209   | 0.3460   | 0.0002   | 0.0002   | 0.0002   |
| 11/01/2018                                                                 | 0.4196   | 0.4196   | 0.4196   | 0.0002   | 0.4196   | 0.3447   | 0.0002   | 0.0002   | 0.0002   |
| 12/01/2018                                                                 | 0.4053   | 0.4053   | 0.4053   | 0.0005   | 0.4053   | 0.3729   | 0.0005   | 0.0005   | 0.0005   |
| 01/01/2019                                                                 | 0.3717   | 0.3717   | 0.3717   | 0.0007   | 0.3717   | 0.3392   | 0.0007   | 0.0007   | 0.0007   |
| 02/01/2019                                                                 | 0.3466   | 0.3466   | 0.3466   | 0.0007   | 0.3466   | 0.3142   | 0.0007   | 0.0007   | 0.0007   |
| 03/01/2019                                                                 | 0.3879   | 0.3879   | 0.3879   | 0.0006   | 0.3879   | 0.3252   | 0.0006   | 0.0006   | 0.0006   |
| 04/01/2019                                                                 | 0.3820   | 0.3820   | 0.3820   | 0.0006   | 0.3820   | 0.3192   | 0.0006   | 0.0006   | 0.0006   |
| 05/01/2019                                                                 | 0.3631   | 0.3631   | 0.3631   | 0.0005   | 0.3631   | 0.3003   | 0.0005   | 0.0005   | 0.0005   |
| 06/01/2019                                                                 | 0.6208   | 0.6208   | 0.6208   | 0.0003   | 0.6208   | 0.4116   | 0.0003   | 0.0003   | 0.0003   |
| 07/01/2019                                                                 | 0.5998   | 0.5998   | 0.5998   | 0.0002   | 0.5998   | 0.3905   | 0.0002   | 0.0002   | 0.0002   |
| 08/01/2019                                                                 | 0.6035   | 0.6035   | 0.6035   | 0.0003   | 0.6035   | 0.3943   | 0.0003   | 0.0003   | 0.0003   |
| 09/01/2019                                                                 | 0.3717   | 0.3717   | 0.3717   | 0.0002   | 0.3717   | 0.2925   | 0.0002   | 0.0002   | 0.0002   |
| 10/01/2019                                                                 | 0.3716   | 0.3716   | 0.3716   | 0.0001   | 0.3716   | 0.2925   | 0.0001   | 0.0001   | 0.0001   |
| 11/01/2019                                                                 | 0.3863   | 0.3863   | 0.3863   | 0.0003   | 0.3863   | 0.3071   | 0.0003   | 0.0003   | 0.0003   |
| 12/01/2019                                                                 | 0.3199   | 0.3199   | 0.3199   | 0.0004   | 0.3199   | 0.2840   | 0.0004   | 0.0004   | 0.0004   |
| 01/01/2020                                                                 | 0.3025   | 0.3025   | 0.3025   | 0.0005   | 0.3025   | 0.2665   | 0.0005   | 0.0005   | 0.0005   |
| 02/01/2020                                                                 | 0.2863   | 0.2863   | 0.2863   | 0.0006   | 0.2863   | 0.2504   | 0.0006   | 0.0006   | 0.0006   |
| 03/01/2020                                                                 | 0.3417   | 0.3417   | 0.3417   | 0.0005   | 0.3417   | 0.2746   | 0.0005   | 0.0005   | 0.0005   |
| 04/01/2020                                                                 | 0.2862   | 0.2862   | 0.2862   | 0.0003   | 0.2862   | 0.2192   | 0.0003   | 0.0003   | 0.0003   |
| 05/01/2020                                                                 | 0.3401   | 0.3401   | 0.3401   | 0.0003   | 0.3401   | 0.2731   | 0.0003   | 0.0003   | 0.0003   |
| 06/01/2020                                                                 | 0.5651   | 0.5651   | 0.5651   | 0.0002   | 0.5651   | 0.3557   | 0.0002   | 0.0002   | 0.0002   |
| 07/01/2020                                                                 | 0.5542   | 0.5542   | 0.5542   | 0.0002   | 0.5542   | 0.3449   | 0.0002   | 0.0002   | 0.0002   |
| 08/01/2020                                                                 | 0.5790   | 0.5790   | 0.5790   | 0.0002   | 0.5790   | 0.3697   | 0.0002   | 0.0002   | 0.0002   |
| 09/01/2020                                                                 | 0.4181   | 0.4181   | 0.4181   | 0.0002   | 0.4181   | 0.3336   | 0.0002   | 0.0002   | 0.0002   |
| 10/01/2020                                                                 | 0.3607   | 0.3607   | 0.3607   | 0.0001   | 0.3607   | 0.2763   | 0.0001   | 0.0001   | 0.0001   |
| 11/01/2020                                                                 | 0.4300   | 0.4300   | 0.4300   | 0.0002   | 0.4300   | 0.3455   | 0.0002   | 0.0002   | 0.0002   |
| 12/01/2020                                                                 | 0.3024   | 0.3024   | 0.3024   | 0.0003   | 0.3024   | 0.2664   | 0.0003   | 0.0003   | 0.0003   |
| 01/01/2021                                                                 | 0.3055   | 0.3055   | 0.3055   | 0.0004   | 0.3055   | 0.2696   | 0.0004   | 0.0004   | 0.0004   |
| 02/01/2021                                                                 | 0.3227   | 0.3227   | 0.3227   | 0.0005   | 0.3227   | 0.2868   | 0.0005   | 0.0005   | 0.0005   |
| 03/01/2021                                                                 | 0.3870   | 0.3870   | 0.3870   | 0.0004   | 0.3870   | 0.3203   | 0.0004   | 0.0004   | 0.0004   |
| 04/01/2021                                                                 | 0.3670   | 0.3670   | 0.3670   | 0.0003   | 0.3670   | 0.3003   | 0.0003   | 0.0003   | 0.0003   |
| 05/01/2021                                                                 | 0.4148   | 0.4148   | 0.4148   | 0.0003   | 0.4148   | 0.3481   | 0.0003   | 0.0003   | 0.0003   |
| 06/01/2021                                                                 | 0.6345   | 0.6345   | 0.6345   | 0.0002   | 0.6345   | 0.4310   | 0.0002   | 0.0002   | 0.0002   |
| 07/01/2021                                                                 | 0.6799   | 0.6799   | 0.6799   | 0.0002   | 0.6799   | 0.4763   | 0.0002   | 0.0002   | 0.0002   |
| 08/01/2021                                                                 | 0.6885   | 0.6885   | 0.6885   | 0.0002   | 0.6885   | 0.4849   | 0.0002   | 0.0002   | 0.0002   |
| 09/01/2021                                                                 | 0.9045   | 0.9045   | 0.9045   | 0.0004   | 0.9045   | 0.8215   | 0.0004   | 0.0004   | 0.0004   |
| 10/01/2021                                                                 | 0.7798   | 0.7798   | 0.7798   | 0.0004   | 0.7798   | 0.6968   | 0.0004   | 0.0004   | 0.0004   |
| 11/01/2021                                                                 | 0.7251   | 0.7251   | 0.7251   | 0.0004   | 0.7251   | 0.6421   | 0.0004   | 0.0004   | 0.0004   |
| 12/01/2021                                                                 | 0.6316   | 0.6316   | 0.6316   | 0.0007   | 0.6316   | 0.5961   | 0.0007   | 0.0007   | 0.0007   |
| 01/01/2022                                                                 | 0.6112   | 0.6112   | 0.6112   | 0.0010   | 0.6112   | 0.5757   | 0.0010   | 0.0010   | 0.0010   |
| 02/01/2022                                                                 | 0.6676   | 0.6676   | 0.6676   | 0.0013   | 0.6676   | 0.6321   | 0.0013   | 0.0013   | 0.0013   |
| 03/01/2022                                                                 | 0.6903   | 0.6903   | 0.6903   | 0.0010   | 0.6903   | 0.6245   | 0.0010   | 0.0010   | 0.0010   |
| 04/01/2022                                                                 | 0.7179   | 0.7179   | 0.7179   | 0.0008   | 0.7179   | 0.6520   | 0.0008   | 0.0008   | 0.0008   |
| 05/01/2022                                                                 | 0.8402   | 0.8402   | 0.8402   | 0.0006   | 0.8402   | 0.7744   | 0.0006   | 0.0006   | 0.0006   |
| 06/01/2022                                                                 | 1.3510   | 1.3510   | 1.3510   | 0.0017   | 1.3510   | 1.1464   | 0.0017   | 0.0017   | 0.0017   |
| 07/01/2022                                                                 | 1.2492   | 1.2492   | 1.2492   | 0.0011   | 1.2492   | 1.0477   | 0.0011   | 0.0011   | 0.0011   |
| 08/01/2022                                                                 | 1.3466   | 1.3466   | 1.3466   | 0.0010   | 1.3466   | 1.1451   | 0.0010   | 0.0010   | 0.0010   |
| 09/01/2022                                                                 | 0.7162   | 0.7162   | 0.7162   | 0.0003   | 0.7162   | 0.6347   | 0.0003   | 0.0003   | 0.0003   |
| 10/01/2022                                                                 | 0.6314   | 0.6314   | 0.6314   | 0.0001   | 0.6314   | 0.5499   | 0.0001   | 0.0001   | 0.0001   |
| 11/01/2022                                                                 | 0.7409   | 0.7409   | 0.7409   | 0.0003   | 0.7409   | 0.6594   | 0.0003   | 0.0003   | 0.0003   |
| 12/01/2022                                                                 | 0.7004   | 0.7004   | 0.7004   | 0.0006   | 0.7004   | 0.6655   | 0.0006   | 0.0006   | 0.0006   |
| 01/01/2023                                                                 | 0.6143   | 0.6143   | 0.6143   | 0.0007   | 0.6143   | 0.5794   | 0.0007   | 0.0007   | 0.0007   |
| 02/01/2023                                                                 | 0.6127   | 0.6127   | 0.6127   | 0.0011   | 0.6127   | 0.5778   | 0.0011   | 0.0011   | 0.0011   |
| 03/01/2023                                                                 | 0.4835   | 0.4835   | 0.4835   | 0.0004   | 0.4835   | 0.4187   | 0.0004   | 0.0004   | 0.0004   |
| 04/01/2023                                                                 | 0.3138   | 0.3138   | 0.3138   | 0.0001   | 0.3138   | 0.2490   | 0.0001   | 0.0001   | 0.0001   |
| 05/01/2023                                                                 | 0.3078   | 0.3078   | 0.3078   | (0.0001) | 0.3078   | 0.2430   | (0.0001) | (0.0001) | (0.0001) |
| 06/01/2023                                                                 | 0.5253   | 0.5253   | 0.5253   | (0.0001) | 0.5253   | 0.3247   | (0.0001) | (0.0001) | (0.0001) |
| 07/01/2023                                                                 | 0.5059   | 0.5059   | 0.5059   | (0.0001) | 0.5059   | 0.3053   | (0.0001) | (0.0001) | (0.0001) |
| 08/01/2023                                                                 | 0.4914   | 0.4914   | 0.4914   | (0.0002) | 0.4914   | 0.2908   | (0.0002) | (0.0002) | (0.0002) |
| 09/01/2023                                                                 | 0.3850   | 0.3850   | 0.3850   | 0.0000   | 0.3850   | 0.3030   | 0.0000   | 0.0000   | 0.0000   |
| 10/01/2023                                                                 | 0.3656   | 0.3656   | 0.3656   | (0.0001) | 0.3656   | 0.2836   | (0.0001) | (0.0001) | (0.0001) |
| 11/01/2023                                                                 | 0.4158   | 0.4158   | 0.4158   | 0.0000   | 0.4158   | 0.3338   | 0.0000   | 0.0000   | 0.0000   |
| 12/01/2023                                                                 | 0.3812   | 0.3812   | 0.3812   | 0.0003   | 0.3812   | 0.3480   | 0.0003   | 0.0003   | 0.0003   |
| 01/01/2024                                                                 | 0.3903   | 0.3903   | 0.3903   | 0.0004   | 0.3903   | 0.3571   | 0.0004   | 0.0004   | 0.0004   |
| 02/01/2024                                                                 | 0.3965   | 0.3965   | 0.3965   | 0.0005   | 0.3965   | 0.3633   | 0.0005   | 0.0005   | 0.0005   |
| 03/01/2024                                                                 | 0.4060   | 0.4060   | 0.4060   | 0.0005   | 0.4060   | 0.3458   | 0.0005   | 0.0005   | 0.0005   |
| 04/01/2024                                                                 | 0.2874   | 0.2874   | 0.2874   | 0.0003   | 0.2874   | 0.2272   | 0.0003   | 0.0003   | 0.0003   |
| 05/01/2024                                                                 | 0.3014   | 0.3014   | 0.3014   | 0.0002   | 0.3014   | 0.2412   | 0.0002   | 0.0002   | 0.0002   |
| 06/01/2024                                                                 | 0.5942   | 0.5942   | 0.5942   | 0.0003   | 0.5942   | 0.3995   | 0.0003   | 0.0003   | 0.0003   |
| 07/01/2024                                                                 | 0.6022   | 0.6022   | 0.6022   | 0.0003   | 0.6022   | 0.4075   | 0.0003   | 0.0003   | 0.0003   |
| 08/01/2024                                                                 | 0.5884   | 0.5884   | 0.5884   | 0.0002   | 0.5884   | 0.3937   | 0.0002   | 0.0002   | 0.0002   |
| 09/01/2024                                                                 | 0.4055   | 0.4055   | 0.4055   | 0.0003   | 0.4055   | 0.3337   | 0.0003   | 0.0003   | 0.0003   |
| 10/01/2024                                                                 | 0.4026   | 0.4026   | 0.4026   | 0.0003   | 0.4026   | 0.3308   | 0.0003   | 0.0003   | 0.0003   |
| 11/01/2024                                                                 | 0.4473   | 0.4473   | 0.4473   | 0.0003   | 0.4473   | 0.3755   | 0.0003   | 0.0003   | 0.0003   |
| 12/01/2024                                                                 | 0.4124   | 0.4124   | 0.4124   | 0.0004   | 0.4124   | 0.3766   | 0.0004   | 0.0004   | 0.0004   |
| 01/01/2025                                                                 | 0.4597   | 0.4597   | 0.4597   | 0.0006   | 0.4597   | 0.4239   | 0.0006   | 0.0006   | 0.0006   |
| 02/01/2025                                                                 | 0.4643   | 0.4643   | 0.4643   | 0.0008   | 0.4643   | 0.4285   | 0.0008   | 0.0008   | 0.0008   |
| 03/01/2025                                                                 | 0.4784   | 0.4784   | 0.4784   | 0.0005   | 0.4784   | 0.4190   | 0.0005   | 0.0005   | 0.0005   |
| 04/01/2025                                                                 | 0.5111   | 0.5111   | 0.5111   | 0.0005   | 0.5111   | 0.4517   | 0.0005   | 0.0005   | 0.0005   |
| 05/01/2025                                                                 | 0.4427   | 0.4427   | 0.4427   | 0.0003   | 0.4427   | 0.3833   | 0.0003   | 0.0003   | 0.0003   |
| 06/01/2025                                                                 | 0.6996   | 0.6996   | 0.6996   | 0.0003   | 0.6996   | 0.5066   | 0.0003   | 0.0003   | 0.0003   |
| 07/01/2025                                                                 | 0.7392   | 0.7392   | 0.7392   | 0.0003   | 0.7392   | 0.5462   | 0.0003   | 0.0003   | 0.0003   |
| 08/01/2025                                                                 | 0.7150   | 0.7150   | 0.7150   | 0.0003   | 0.7150   | 0.5220   | 0.0003   | 0.0003   | 0.0003   |
| 09/01/2025                                                                 | 0.4133   | 0.4133   | 0.4133   | 0.0002   | 0.4133   | 0.3423   | 0.0002   | 0.0002   | 0.0002   |
| 10/01/2025                                                                 | 0.4198   | 0.4198   | 0.4198   | 0.0002   | 0.4198   | 0.3488   | 0.0002   | 0.0002   | 0.0002   |
| 11/01/2025                                                                 | 0.5058   | 0.5058   | 0.5058   | 0.0002   | 0.5058   | 0.4348   | 0.0002   | 0.0002   | 0.0002   |
| 12/01/2025                                                                 | 0.4897   | 0.4897   | 0.4897   | 0.0005   | 0.4897   | 0.4544   | 0.0005   | 0.0005   | 0.0005   |
| 01/01/2026                                                                 | 0.4795   | 0.4795   | 0.4795   | 0.0007   | 0.4795   | 0.4442   | 0.0007   | 0.0007   | 0.0007   |
| 02/01/2026                                                                 | 0.5841   | 0.5841   | 0.5841   | 0.0009   | 0.5841   | 0.5488   | 0.0009   | 0.0009   | 0.0009   |
| 03/01/2026                                                                 | 0.4684   | 0.4684   | 0.4684   | 0.0006   | 0.4684   | 0.4082   | 0.0006   | 0.0006   | 0.0006   |
| 04/01/2026                                                                 | 0.4114   | 0.4114   | 0.4114   | 0.0004   | 0.4114   | 0.3512   | 0.0004   | 0.0004   | 0.0004   |
| 05/01/2026                                                                 | 0.3916   | 0.3916   | 0.3916   | 0.0003   | 0.3916   | 0.3314   | 0.0003   | 0.0003   | 0.0003   |
| 06/01/2026                                                                 | 0.6260   | 0.6260   | 0.6260   | 0.0003   | 0.6260   | 0.4274   | 0.0003   | 0.0003   | 0.0003   |
| 07/01/2026                                                                 | 0.6880   | 0.6880   | 0.6880   | 0.0003   | 0.6880   | 0.4894   | 0.0003   | 0.0003   | 0.0003   |
| 08/01/2026                                                                 | 0.6180   | 0.6180   | 0.6180   | 0.0002   |          |          |          |          |          |