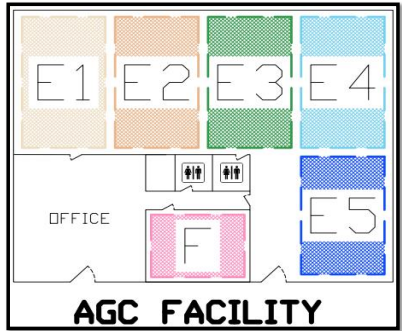


# 2018 Governor School Class Schedule

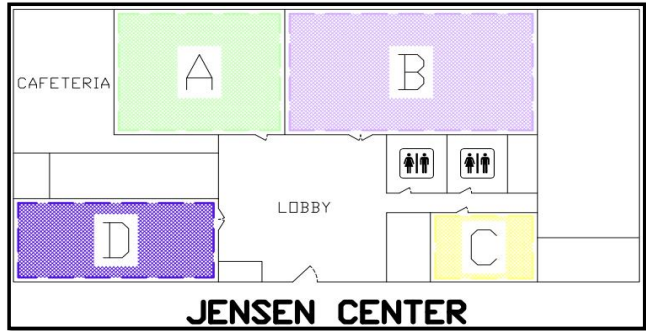
| Mon        | REGISTRATION / WELCOME RECEPTION   |
|------------|--|
| 5:30-10:00 | Registration / Welcome Reception - Holiday Inn Convention Center (Woodland / Trillium Rooms) |

NAME \_\_\_\_\_

| Tues        | OPENING DAY SESSIONS - Jensen Community Center, Amherst, WI                               |
|-------------|---|
| 8:15-8:30   | Welcome by AGC, Review of Conference Objectives, Class Schedule                           |
| 8:30-9:00   | Keynote Speakers  |
| 9:00-9:45   | Governor 101 - Turbine Types, Generators & Governor Basics                                |
| 9:45-10:00  | Break   |
| 10:00-10:50 | Governor 101 - Governor Theory  |
| 10:50-11:00 | Break   |
| 11:00-12:00 | Governor 101 - Governor Operation from PMG to Servomotor                                  |
| 12:00-1:00  | Lunch   |
| 1:00-1:30   | Introduction of AGC Staff / Class Previews / AGC Capability Overview                      |
| 1:30-2:30   | Governor 101 - Speed Droop, Compensation & Stability                                      |
| 2:30-2:45   | Break   |
| 2:45-3:15   | Governor 101 - Conclusion   |
| 3:15-3:30   | Questions & Answers   |
| 3:30-5:00   | AGC Training Shop - Factory Tour <i>Return bus service to conference hotels available</i> |
| 5:00-6:30   | Picnic at Central Waters Brewery <i>Return bus service to conference hotels available</i> |
| 7:00-9:30   | Reception / Casino Night - Holiday Inn Convention Center (Woodland / Trillium Rooms)      |



## CLASSROOM LAYOUT



| Wed         | Mech Cabinet   | #    | Room | Misc. Sessions                                      | #    | Room | Shop Labs     | #   | Room | Gateshaft                    | #   | Room | Analog                               | #   | Room | Digital  | #   | Room | Advanced Digital          | #   | Room | Pelton                        | #   | Room |
|-------------|--|------|------|---|------|------|---------------|-----|------|------------------------------|-----|------|--------------------------------------|-----|------|--|-----|------|---------------------------|-----|------|-------------------------------|-----|------|
| 8:15-9:30   | Mechanical Cabinet Actuator O&M Classroom                                  | 211  | E2   |   |      |      | Hands-on Labs | LAB | E1   | Gateshaft O&M Classroom      | 221 | C    | Analog 101 Classroom                 | 231 | A    | Digital Governors: 101 Classroom                             | 241 | B    | Advanced Digital Open Lab | LAB | D    | Pelton 101 Classroom          | 261 | E4   |
| 9:30-9:45   | Break  |      |      |   |      |      |               |     |      |                              |     |      |                                      |     |      |  |     |      |                           |     |      |                               |     |      |
| 9:45-10:30  | PMG O&M Classroom  | 212a | E2   | XX Pump Live Demonstration Disassembly & Reassembly | 212b | E5   | Hands-on Labs | LAB | E1   | 20 Series Pump O&M Classroom | 222 | C    | Analog O&M - Part I Classroom        | 232 | A    | Digital Governors: Hands-On Conversion                       | 242 | B    | Advanced Digital Open Lab | LAB | D    | Pelton PMGs & Pumps Classroom | 262 | E4   |
| 10:30-10:45 | Break  |      |      |   |      |      |               |     |      |                              |     |      |                                      |     |      |  |     |      |                           |     |      |                               |     |      |
| 10:45-12:00 | Mechanical Cabinet Actuator Live Demonstration                             | 213a | E2   | XX Pump - Continued                                 | 213b | E5   | Hands-on Labs | LAB | E1   | Gateshaft Demonstration      | 223 | C    | Analog O&M - Part II Classroom       | 233 | A    | Digital Governors: Hands-On Installation Best Practices/Tips | 243 | B    | Advanced Digital Open Lab | LAB | D    | Pelton Demo                   | 263 | E4   |
| 12:00-1:00  | Lunch (Jensen Center)  |      |      |   |      |      |               |     |      |                              |     |      |                                      |     |      |  |     |      |                           |     |      |                               |     |      |
| 1:00-3:00   | Mechanical Cabinet Actuator Calibration & Tuning                           | 214a | E2   | Dashpot Lab   | 254  | E3   | Hands-on Labs | LAB | E1   | Gateshaft Demo & Calibration | 224 | C    | Analog Demo & Calibration            | 234 | A    | Digital Governors: Hands-On Calibration and Theory           | 244 | B    | Advanced Digital Open Lab | LAB | D    | Pelton Calibration            | 264 | E4   |
| 3:00-3:15   | Break  |      |      |   |      |      |               |     |      |                              |     |      |                                      |     |      |  |     |      |                           |     |      |                               |     |      |
| 3:15-4:30   | PMG Live Demonstration Disassembly & Reassembly                            | 215a | E5   |   |      |      | Hands-on Labs | LAB | E1   | 20 Series Pump Demonstration | 225 | C    | Pilot Control Assembly Demonstration | 235 | A    | Digital Governors: Hands-On Tuning and Troubleshooting       | 245 | B    | Advanced Digital Open Lab | LAB | D    | Pelton Hands-on               | 265 | E4   |
| 4:30-9:00   | Picnic / Pig Roast / Live Music / Outdoor Games - Behind the Jensen Center |      |      |   |      |      |               |     |      |                              |     |      |                                      |     |      |  |     |      |                           |     |      |                               |     |      |

| Thurs       | Mech Cabinet  | #    | Room | Misc. Sessions                                      | #    | Room | Shop Labs     | #   | Room | Gateshaft                    | #   | Room | General                                      | #   | Room | Digital  | #   | Room | Advanced Digital                 | #   | Room | Hydraulics / Misc.                      | #   | Room |
|-------------|---|------|------|---|------|------|---------------|-----|------|------------------------------|-----|------|--|-----|------|--|-----|------|----------------------------------|-----|------|---|-----|------|
| 8:15-9:30   | Mechanical Cabinet Actuator O&M Classroom   | 311  | E2   |   |      |      | Hands-on Labs | LAB | E1   | Gateshaft O&M Classroom      | 321 | C    | Digital Conversions for Beginners            | 331 | F    | Digital Governors: 101 Classroom                             | 341 | B    | Advanced Digital Group A         | 361 | D    | Hydraulic Systems for Digital Governors | 351 | A    |
| 9:30-9:45   | Break   |      |      |   |      |      |               |     |      |                              |     |      |  |     |      |  |     |      |                                  |     |      |   |     |      |
| 9:45-10:30  | PMG O&M Classroom   | 312a | E2   | XX Pump Live Demonstration Disassembly & Reassembly | 312b | E5   | Hands-on Labs | LAB | E1   | 20 Series Pump O&M Classroom | 322 | C    | Digital Governor Spec Writing                | 332 | F    | Digital Governors: Hands-On Conversion                       | 342 | B    | Advanced Digital Group A (cont.) | 362 | D    | A-Actuator                              | 352 | E4   |
| 10:30-10:45 | Break   |      |      |   |      |      |               |     |      |                              |     |      |  |     |      |  |     |      |                                  |     |      |   |     |      |
| 10:45-12:00 | Mechanical Cabinet Actuator Live Demonstration  | 313a | E2   | XX Pump - Continued                                 | 313b | E5   | Hands-on Labs | LAB | E1   | Gateshaft Demonstration      | 323 | C    | Woodward Digital 505H, 700H, 723H            | 333 | F    | Digital Governors: Hands-On Installation Best Practices/Tips | 343 | B    | Advanced Digital Group A (cont.) | 363 | D    | IMO Pumps                               | 353 | A    |
| 12:00-1:00  | Lunch (Jensen Center)   |      |      |   |      |      |               |     |      |                              |     |      |  |     |      |  |     |      |                                  |     |      |   |     |      |
| 1:00-3:00   | Mechanical Cabinet Actuator Calibration & Tuning  | 314a | E2   | Dashpot Lab   | 354  | E3   | Hands-on Labs | LAB | E1   | Gateshaft Demo & Calibration | 324 | C    | NERC Testing & Grid Stability                | 334 | A    | Digital Governors: Hands-On Calibration and Theory           | 344 | B    | Advanced Digital Group B         | 364 | D    |   |     |      |
| 3:00-3:15   | Break   |      |      |   |      |      |               |     |      |                              |     |      |  |     |      |  |     |      |                                  |     |      |   |     |      |
| 3:15-4:30   | PMG Live Demonstration Disassembly & Reassembly   | 315a | E5   |   |      |      | Hands-on Labs | LAB | E1   | 20 Series Pump Demonstration | 325 | C    | Beyond the Governor (Excit, Gen Prot, Plant) | 335 | F    | Digital Governors: Hands-On Tuning and Troubleshooting       | 345 | B    | Advanced Digital Group B (cont.) | 365 | D    | Panel Discussion: Oils                  | 355 | A    |
| 4:40-5:00   | Closing Session / Final Q&A (Jensen Center Theater)   |      |      |   |      |      |               |     |      |                              |     |      |  |     |      |  |     |      |                                  |     |      |   |     |      |
| 5:30        | Closing Reception / Karaoke Night - Holiday Inn Convention Center (Woodland / Trillium Rooms) |      |      |   |      |      |               |     |      |                              |     |      |  |     |      |  |     |      |                                  |     |      |   |     |      |