

SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Benjamin Allen, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5072, Sacramento, CA 95814

Senator Allen, Scientists For Wired Technology urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

- As written, “The associated equipment **on pole** structures does not exceed 21 cubic feet **provided that** any individual piece of associated equipment **on pole** structures do not exceed nine cubic feet” is a poorly-written loophole that results in **no effective size regulation** of the associated equipment power supplies.
- As written, “A small cell shall be a permitted use located in the public right-of-way **in any zone** or in any zone that includes a commercial or industrial use”, contains the superfluous phrase “in any zone”, which creates **another loophole** allowing small cells to be deployed 10-15 ft. from homes in residential zones.
- As written, “compliance with the federal Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12101 et seq.) **is not possible** if the superfluous phrase “in any zone” remains in SB.649 because this phrase would allow small cells to be deployed in residential zones, which **creates an illegal access barrier.**
- Electromagnetic Sensitivity (EMS) is recognized by the U.S. Access Board and is a protected disabled characteristic. **Small cells deployed in residential zones would be an access barrier** for the EMS-disabled to their homes and communities. Article I, Section 1 of the California constitution states “All people are by nature free and independent and have inalienable rights. Among these are enjoying and defending life and liberty, acquiring, possessing, and protecting property, and pursuing and obtaining safety, happiness, and privacy.” **Small cells would violate inalienable rights to safety and privacy and are unconstitutional.**
- As written, “The small cell is not located on a fire department facility” is an **illegal unequal protection under the law.** Article I, Section 7 California constitution states “A citizen or class of citizens may not be granted privileges or immunities not granted on the same terms to all citizens.”

If SB.649 is voted through by the Senate, as written, it would profoundly harm your constituents’ health, well-being, privacy and freedom from unwarranted surveillance. *Scientists For Wired Technology* placed substantial scientific evidence into the public record about the adverse health impacts from pulsed, radiofrequency/microwave radiation (‘RF/MW radiation’) on 7/15/15 and on 4/4/17. Results in May 2016 from the NIEHS NTP study, discussed below, definitively proves that RF/MW radiation causes cancer, DNA breaks and neurological damage.

SB.649, as written, would add many tens of thousands of cellular antennas to residential blocks in CA, **as close as 10-15 feet from 2nd-story bedroom windows — spraying RF/MW radiation into homes 24/7/365.**

SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Joel Anderson, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5052, Sacramento, CA 95814

Senator Anderson, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Toni G. Atkins, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4072, Sacramento, CA 95814

Senator Atkins, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Patricia C. Bates, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 305, Sacramento, CA 95814

Senator Bates, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Jim Beall, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 2082, Sacramento, CA 95814

Senator Beall, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Tom Berryhill, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 3067, Sacramento, CA 95814

Senator Berryhill, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Steven Bradford, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 2062, Sacramento, CA 95814

Senator Bradford, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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To: The Honorable Senator Anthony Cannella, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5082, Sacramento, CA 95814

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4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Kevin de León, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 205, Sacramento, CA 95814

Senator de León, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SB.649, as written, would add many tens of thousands of cellular antennas to residential blocks in CA, **as close as 10-15 feet from 2nd-story bedroom windows — spraying RF/MW radiation into homes 24/7/365**.

SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Bill Dodd, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5064, Sacramento, CA 95814

Senator Dodd, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

- As written, “The associated equipment **on pole** structures does not exceed 21 cubic feet **provided that** any individual piece of associated equipment **on pole** structures do not exceed nine cubic feet” is a poorly-written loophole that results in **no effective size regulation** of the associated equipment power supplies.
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- As written, “compliance with the federal Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12101 et seq.) **is not possible** if the superfluous phrase “in any zone” remains in SB.649 because this phrase would allow small cells to be deployed in residential zones, which **creates an illegal access barrier**.
- Electromagnetic Sensitivity (EMS) is recognized by the U.S. Access Board and is a protected disabled characteristic. **Small cells deployed in residential zones would be an access barrier** for the EMS-disabled to their homes and communities. Article I, Section 1 of the California constitution states “All people are by nature free and independent and have inalienable rights. Among these are enjoying and defending life and liberty, acquiring, possessing, and protecting property, and pursuing and obtaining safety, happiness, and privacy.” **Small cells would violate inalienable rights to safety and privacy and are unconstitutional**.
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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Jean Fuller, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4048, Sacramento, CA 95814

Senator Fuller, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Ted Gaines, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 3076, Sacramento, CA 95814

Senator Gaines, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Cathleen Galgiani, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5097, Sacramento, CA 95814

Senator Galgiani, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Steven M. Glazer, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5108, Sacramento, CA 95814

Senator Glazer, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Ed Hernandez, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 2080, Sacramento, CA 95814

Senator Hernandez, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Robert M. Hertzberg, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4038, Sacramento, CA 95814

Senator Hertzberg, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Jerry Hill, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5035, Sacramento, CA 95814

Senator Hill, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

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To: The Honorable Senator Ben Hueso, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4035, Sacramento, CA 95814

Senator Hueso, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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If SB.649 is voted through by the Senate, as written, it would profoundly harm your constituents’ health, well-being, privacy and freedom from unwarranted surveillance. *Scientists For Wired Technology* placed substantial scientific evidence into the public record about the adverse health impacts from pulsed, radiofrequency/microwave radiation (‘RF/MW radiation’) on 7/15/15 and on 4/4/17. Results in May 2016 from the NIEHS NTP study, discussed below, definitively proves that RF/MW radiation causes cancer, DNA breaks and neurological damage.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Hannah-Beth Jackson, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 2032, Sacramento, CA 95814

Senator Jackson, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Ricardo Lara, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5050, Sacramento, CA 95814

Senator Lara, Scientists For Wired Technology urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Connie M. Leyva, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 406 I, Sacramento, CA 95814

Senator Leyva, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Mike McGuire, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 506 I, Sacramento, CA 95814

Senator McGuire, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Tony Mendoza, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5100, Sacramento, CA 95814

Senator Mendoza, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Holly J. Mitchell, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5080, Sacramento, CA 95814

Senator Mitchell, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Bill Monning, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 313, Sacramento, CA 95814

Senator Monning, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator John M. W. Moorlach, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 2048, Sacramento, CA 95814

Senator Moorlach, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Mike Morrell, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 3056, Sacramento, CA 95814

Senator Morrell, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

- As written, “The associated equipment **on pole** structures does not exceed 21 cubic feet **provided that** any individual piece of associated equipment **on pole** structures do not exceed nine cubic feet” is a poorly-written loophole that results in **no effective size regulation** of the associated equipment power supplies.
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- As written, “compliance with the federal Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12101 et seq.) **is not possible** if the superfluous phrase “in any zone” remains in SB.649 because this phrase would allow small cells to be deployed in residential zones, which **creates an illegal access barrier**.
- Electromagnetic Sensitivity (EMS) is recognized by the U.S. Access Board and is a protected disabled characteristic. **Small cells deployed in residential zones would be an access barrier** for the EMS-disabled to their homes and communities. Article I, Section 1 of the California constitution states “All people are by nature free and independent and have inalienable rights. Among these are enjoying and defending life and liberty, acquiring, possessing, and protecting property, and pursuing and obtaining safety, happiness, and privacy.” **Small cells would violate inalienable rights to safety and privacy and are unconstitutional**.
- As written, “The small cell is not located on a fire department facility” is an **illegal unequal protection under the law**. Article I, Section 7 California constitution states “A citizen or class of citizens may not be granted privileges or immunities not granted on the same terms to all citizens.”

If SB.649 is voted through by the Senate, as written, it would profoundly harm your constituents’ health, well-being, privacy and freedom from unwarranted surveillance. *Scientists For Wired Technology* placed substantial scientific evidence into the public record about the adverse health impacts from pulsed, radiofrequency/microwave radiation (‘RF/MW radiation’) on 7/15/15 and on 4/4/17. Results in May 2016 from the NIEHS NTP study, discussed below, definitively proves that RF/MW radiation causes cancer, DNA breaks and neurological damage.

SB.649, as written, would add many tens of thousands of cellular antennas to residential blocks in CA, **as close as 10-15 feet from 2nd-story bedroom windows — spraying RF/MW radiation into homes 24/7/365**.

SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Josh Newman, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4082, Sacramento, CA 95814

Senator Newman, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Janet Nguyen, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 3048, Sacramento, CA 95814

Senator Nguyen, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Jim Nielsen, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 2068, Sacramento, CA 95814

Senator Nielsen, Scientists For Wired Technology urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Richard Pan, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 5114, Sacramento, CA 95814

Senator Pan, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Anthony J. Portantino, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 3086, Sacramento, CA 95814

Senator Portantino, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Richard D. Roth, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4034, Sacramento, CA 95814

Senator Roth, Scientists For Wired Technology urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Nancy Skinner, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 2059, Sacramento, CA 95814

Senator Skinner, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

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To: The Honorable Senator Henry I. Stern, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 3070, Sacramento, CA 95814

Senator Stern, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Jeff Stone, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4062, Sacramento, CA 95814

Senator Stone, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

- As written, “The associated equipment **on pole** structures does not exceed 21 cubic feet **provided that** any individual piece of associated equipment **on pole** structures do not exceed nine cubic feet” is a poorly-written loophole that results in **no effective size regulation** of the associated equipment power supplies.
- As written, “A small cell shall be a permitted use located in the public right-of-way **in any zone** or in any zone that includes a commercial or industrial use”, contains the superfluous phrase “in any zone”, which creates **another loophole** allowing small cells to be deployed 10-15 ft. from homes in residential zones.
- As written, “compliance with the federal Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12101 et seq.) **is not possible** if the superfluous phrase “in any zone” remains in SB.649 because this phrase would allow small cells to be deployed in residential zones, which **creates an illegal access barrier**.
- Electromagnetic Sensitivity (EMS) is recognized by the U.S. Access Board and is a protected disabled characteristic. **Small cells deployed in residential zones would be an access barrier** for the EMS-disabled to their homes and communities. Article I, Section 1 of the California constitution states “All people are by nature free and independent and have inalienable rights. Among these are enjoying and defending life and liberty, acquiring, possessing, and protecting property, and pursuing and obtaining safety, happiness, and privacy.” **Small cells would violate inalienable rights to safety and privacy and are unconstitutional**.
- As written, “The small cell is not located on a fire department facility” is an **illegal unequal protection under the law**. Article I, Section 7 California constitution states “A citizen or class of citizens may not be granted privileges or immunities not granted on the same terms to all citizens.”

If SB.649 is voted through by the Senate, as written, it would profoundly harm your constituents’ health, well-being, privacy and freedom from unwarranted surveillance. *Scientists For Wired Technology* placed substantial scientific evidence into the public record about the adverse health impacts from pulsed, radiofrequency/microwave radiation (‘RF/MW radiation’) on 7/15/15 and on 4/4/17. Results in May 2016 from the NIEHS NTP study, discussed below, definitively proves that RF/MW radiation causes cancer, DNA breaks and neurological damage.

SB.649, as written, would add many tens of thousands of cellular antennas to residential blocks in CA, **as close as 10-15 feet from 2nd-story bedroom windows — spraying RF/MW radiation into homes 24/7/365**.

SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Andy Vidak, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 3082, Sacramento, CA 95814

Senator Vidak, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Bob Wieckowski, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4085, Sacramento, CA 95814

Senator Wieckowski, *Scientists For Wired Technology* urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL**. Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess**. These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Scott D. Wiener, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4066, Sacramento, CA 95814

Senator Wiener, Scientists For Wired Technology urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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SCIENTISTS FOR WIRED TECHNOLOGY

4G/5G Wireless Radiation is hazardous; Fiber-Optic Internet is faster, more secure and harmless.

To: The Honorable Senator Scott Wilk, hand-delivered and certified-mailed on 5/30/17
State Capitol, Room 4090, Sacramento, CA 95814

Senator Wilk, Scientists For Wired Technology urges you to **Vote NO on SB.649, Wireless Telecommunications Facilities Bill — or DECLINE to VOTE on this INCOMPLETE BILL.** Instead, treat SB.649 as a two-year bill, as it was noticed to the public from 4/18/17 through 4/21/17. Holding SB.649 until Jan 2018 will give the Senate the time to correct the **OBVIOUS SUBSTANTIAL ERRORS** introduced into the Bill text following the 4/26/17 Governance and Finance Committee vote. These errors were supposed to have been corrected by amendments before the 5/25/17 Appropriations Committee vote, but, inexplicably, they were not. As admitted on 5/26/17 by an SB.649 Committee consultant, **SB.649 is a mess.** These existing errors **need to be addressed before** the full Senate votes on SB.649, a Bill that is also burdened with serious due process errors, described in letters from Attorney Harry V. Lehmann to Senate Appropriations Committee members on 5/12/17 and 5/23/17.

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